



*Dedicated to
Satisfying our Community's
Water Needs*

**AGENDA
MESA WATER DISTRICT
BOARD OF DIRECTORS
Wednesday, January 28, 2026
1965 Placentia Avenue, Costa Mesa, CA 92627
4:30 p.m. Regular Board Meeting**

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 appearing on the posted agenda. Each speaker shall be limited to three minutes. The Board will set aside 30 minutes for public comments for items not appearing on the posted agenda.

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

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 Accounts Paid Listing.
5. Receive and file the Monthly Financial Reports.
6. Receive and file the Outreach Update.
7. Receive and file the easement documents for Customer Project C0681-25-01 – 1400 Bristol Street.

PRESENTATION AND DISCUSSION ITEMS:

8. FEDERAL ADVOCACY REPORT:

Recommendation: Receive the presentation.

9. WATER SYSTEM MASTER PLAN & 10-YEAR CAPITAL IMPROVEMENT PROGRAM:

Recommendation: Receive the presentation.

ACTION ITEMS:

10. RULES AND REGULATIONS FOR WATER SERVICE (INCLUDING SINGLE METER POLICY):

Recommendation: Adopt Resolution No. 1609 Amending Mesa Water District's Rules and Regulations for Water Service Superseding Resolution No. 1593.

11. REPLACEMENT OF ASSETS INCLUDING PIPELINE AND WELL REHABILITATION (INCLUDING PIPELINE INTEGRITY PROGRAM UPDATE):

Recommendation: Adopt Resolution No. 1610 Regarding Mesa Water District's Replacement of Assets Including Pipeline and Well Rehabilitation Superseding Resolution No. 1525.

12. MESA WATER 2026 POLICY PLATFORMS AND POSITIONS:

Recommendation: Approve the proposed updates to Mesa Water District's Policy Platforms and Positions for 2026.

REPORTS:

13. REPORT OF THE GENERAL MANAGER:
• December Key Indicators Report
14. DIRECTORS' REPORTS AND COMMENTS

INFORMATION ITEMS:

15. SENATE BILL 707
16. INFORMATION TECHNOLOGY SUPPORT SERVICES
17. FEDERAL ADVOCACY UPDATE
18. STATE ADVOCACY UPDATE
19. ORANGE COUNTY UPDATE



CLOSED SESSIONS:

20. PURSUANT TO CALIFORNIA GOVERNMENT CODE SECTION 54957.6:
Public Employee Performance Evaluation
Title: General Manager
21. CONFERENCE REGARDING CYBER SECURITY PURSUANT TO CALIFORNIA GOVERNMENT CODE SECTION 54957(a):
The Board will meet in Closed Session regarding cyber security risks and protections.

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 call the District Secretary at (949) 631-1205. 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 using a translator to present their comments into English shall be provided reasonable time accommodations that are consistent with California law.

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

**ADJOURN TO A REGULAR BOARD MEETING SCHEDULED FOR WEDNESDAY,
FEBRUARY 11, 2026 AT 4:30 P.M.**

DEVELOPER PROJECT STATUS REPORT

PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0013-25-01	1250 Maple Drive	Ketchum-Libolt Park	Application for New Service submitted on 11/25/24. 1st plan check submitted on 11/25/24, returned on 11/30/24. 2nd plan check submitted on 12/10/24, returned on 12/19/24. Permit issued on 1/20/26. (1/20/26)
C0013-25-02	782 Shalimar Drive	Shalimar Park	Application for New Service submitted on 11/27/24. 1st plan check submitted on 11/27/24 and returned on 12/7/24. 2nd plan check submitted on 1/21/25 and voided after a conference call on 1/26/25. Revised 2nd plan check submitted on 3/26/25 and returned on 4/13/25. 3rd plan check submitted on 5/5/25 and returned on 5/6/25. 4th plan check submitted on 5/7/25, returned on 5/12/25. (1/20/26)
C0013-25-04	800 Baker Street	Costa Mesa Fire Station 2	Application for New Service submitted on 6/5/25. 1st plan check submitted on 6/5/25, returned on 7/20/25. 2nd Plan Check submitted on 9/8/25, returned on 9/11/25. 3rd plan check submittal on 10/2/25, returned on 10/11/25. Permit issued on 10/28/25. (1/20/26)
C0013-26-01	900 Arlington Drive	Costa Mesa Skate Park (TeWinkle Park)	Application for New Service submitted on 10/9/25. 1st plan check submitted on 10/8/25 and returned on 10/21/25. 2nd plan check submitted on 10/30/25 and returned on 11/3/25. (1/20/26)
C0013-26-02	2150 Harbor Boulevard	Fairview Development Center	Deposit of \$32,000 requested to support the development of the Water Supply Assessment and the Hydraulic Demand/Study. (1/20/26)
C0014-24-02	600 Town Center Drive	Water Pipeline	Application for New Service submitted on 11/28/23 and plan check fee is not required. 1st plan check submitted on 12/1/23 and returned on 12/21/23. 2nd plan check submitted on 1/23/24 and returned on 1/31/24. 3rd plan check submitted on 5/22/24 and returned on 5/24/24. 4th plan check submitted on 7/18/24 and returned on 8/1/24. 5th plan check submitted on 8/8/24 and returned on 8/23/24. 6th plan check submitted on 9/16/24 and returned on 9/22/24. Permit submitted on 11/12/24. Permit issued on 9/18/25. Precon held on 1/13/26. (1/20/26)
C0102-20-02	3550 Cadillac Avenue	Commercial	Plans received and plan check fees paid on 11/25/19. 1st plan check 11/25/19 and redlines emailed on 12/4/19. Issued plan check termination to owner due to non-responsiveness to complete plan check. 2nd plan check on 7/2/20, returned on 7/5/20. 3rd plan check on 7/25/21, returned on 7/31/21. 4th plan check on 8/24/21 and returned on 8/29/21. 5th plan check on 10/11/21, returned on 10/12/21. 6th plan check on 10/22/21, returned on 10/23/21. 7th plan check received 2/15/22, returned on 2/17/22. 8th plan check submitted on 7/20/23. Permit issued on 8/17/23. (1/20/26)
C0270-22-01	2113 Thurin Street	Single Family Home	Application for New Service submitted on 3/18/22 and plan check fee submitted on 4/14/22. 1st plan check submitted on 3/18/22 and returned on 4/25/22. 2nd plan check submitted 10/25/22 and returned on 10/26/22. Permit issued on

DEVELOPER PROJECT STATUS REPORT

PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			12/20/22. Precon held on 5/22/23. Refresher precon held on 2/12/25. (1/20/26)
C0280-22-01	3303 Hyland Avenue	Tesla Charging Stations	Application for New Service submitted on 6/13/22 and no plan check fee as the infrastructure is for the City of Costa Mesa. 1st plan check submittal on 6/13/22 and returned on 6/14/22. Permit issued on 8/15/22. Precon held on 9/6/22. Trench excavation inspections to supervise Edison utility construction on 10/24/22, 10/25/22, 10/26/22, 10/31/22, 11/1/22, 11/3/22, and again on 11/17/22. Currently waiting for construction to begin on the other side of the street. Work order created to check site and verify if any water-related work has begun on 7/18/23. (1/20/26)
C0282-22-01	Fairview Road Medians	OC405 - Medians for City of Costa Mesa	Application for New Service submitted on 6/20/22 and no plan check fee as the infrastructure is for the City of Costa Mesa. 1st plan check submitted on 10/12/22 and returned on 10/16/22. 2nd plan check submitted on 11/3/22 and returned on 11/25/22. 3rd plan check revised 2nd plan check which was submitted on 12/18/22. 4th Plan Check submitted on 12/21/22 and returned on 12/22/22. 5th plan check submitted on 1/30/23 and returned on 2/5/23. Permit issued on 4/10/23. Precon held on 4/17/23. Backflow testing to unlock one of the meters on 5/15/23. (1/20/26)
C0315-23-01	3098 College Avenue	Single Family Home	Application for New Service submitted on 11/1/22 and plan check fee submitted on 11/3/22. 1st plan check submitted on 11/1/22 and returned on 11/6/22. 2nd plan check submitted 11/28/22 and returned 11/29/22. 3rd plan check submitted 12/7/22 and returned on 12/13/22. 4th plan check submitted on 7/14/23 and returned on 7/18/23. Permit issued on 8/17/23. Precon held on 11/20/23. (1/20/26)
C0326-23-01	259 E. 21st Street	Accessory Dwelling Unit (ADU)	Application for New Service submitted on 11/18/22 and plan check fee submitted 11/19/22. 1st plan check submitted on 11/14/22 and returned on 11/20/22. 2nd plan check submitted on 11/22/22 and returned on 11/23/22. 3rd plan check submitted on 2/21/23 and returned on 2/21/23. 3rd plan check submitted on 4/1/24 and returned on 4/3/24. (1/20/26)
C0331-23-01	216 E. 18th Street	Single Family Home	Application for New Service submitted on 12/01/22 and plan check fee submitted 1/4/23. 1st plan check submitted on 12/1/22 and returned on 12/13/22. (1/20/26)
C0333-23-01	305 Flower Street	Single Family Home	Application for New Service submitted on 12/15/22 and plan check fee submitted on 12/7/22. 1st plan check submitted on 12/7/22 and returned on 12/18/22. 2nd plan check submitted on 1/14/23 and returned on 1/15/23. 3rd plan check submitted on 1/16/23 and returned on 1/16/23. 4th plan check submitted on 7/3/24 and returned on 7/7/24. 5th plan check submitted on 7/11/24 and returned on 7/14/24. Permit issued on 8/1/24. Precon held on 8/6/24. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0335-23-01	2050 President Place	Single Family Home	Application for New Service submitted on 12/13/22 and plan check fee received on 1/11/23. 1st plan check submitted on 12/13/22 and returned on 12/18/22. 2nd plan check submitted on 12/21/22 and returned on 1/12/23. 3rd plan check submitted 11/28/23 and returned on 12/2/23. Permit issued on 12/13/23. (1/20/26)
C0336-23-01	899 Darrell Street	Single Family Home	Application for New Service submitted on 12/19/22 and waiting for plan check fee to be submitted. 1st plan check submitted on 12/16/22 and returned on 12/26/22. 2nd plan check submitted on 1/6/23 and returned on 1/8/23. Permit issued on 2/12/24. Precon held on 5/1/25. Hot-tap and service installed on 6/12/25. Meters installed and Dominguez Tee abandoned on 7/17/25. (1/20/26)
C0337-23-01	3350 Avenue of the Arts	Commercial	Application for New Service submitted on 1/5/23 and waiting for plan check fee to be submitted. 1st plan check submitted on 12/20/22 and returned on 1/16/23. 2nd plan check submitted on 4/13/23 and returned on 4/16/23. (1/20/26)
C0338-23-01	723 W. Wilson Street	Two ADUs	Application for New Service submitted on 1/8/23 and plan check fee submitted on 1/12/23. 1st plan check submitted on 1/8/23 and returned on 1/15/23. 2nd plan check submitted on 1/16/23 and returned on 1/16/23. Permit issued 3/13/23. Precon held on 9/6/23. Refresher precon held on 6/5/25. Services installed and meter upgraded and locked on 7/23/25. (1/20/26)
C0342-23-01	459 E. 18th Street	Single Family Home	Application for New Service submitted on 1/11/23 and waiting for plan check fee to be submitted. 1st plan check submitted on 1/11/23 and returned on 1/16/23. 2nd plan check submitted on 1/18 and returned on 1/22/23. 3rd plan check submitted on 11/10/23 and returned on 11/10/23. 4th plan check submitted on 11/16/23 and returned on 11/16/23. Permit issued on 1/22/24. (1/20/26)
C0352-23-01	3160 Bermuda Drive	Single Family Home with ADU	Application for New Service submitted on 1/30/23 and plan check fee submitted on 1/26/23. 1st plan check submitted on 1/29/23 and returned on 2/5/23. 2nd plan check submitted on 2/10/23 and returned on 2/11/23. (1/20/26)
C0354-23-01	1016 Concord Street	ADU	Application for New Service submitted on 1/29/23 and waiting for plan check fee. 1st plan check submitted on 1/29/23 and returned on 2/5/23. 2nd plan check submitted on 3/3/23 and returned on 3/5/23. 3rd plan check submitted on 10/16/25 and returned 10/20/25. Permit issued on 11/3/25. (1/20/26)
C0356-23-01	707 Center Street	ADU	Application for New Service submitted on 10/20/22 and plan check fee paid 1/30/23. 1st plan check submitted on 12/02/22 and returned on 2/5/23. 2nd plan check submitted on 2/10/23 and returned on 2/10/23. (1/20/26)
C0358-23-01	571 Park Drive	ADU	Application for New Service and plan check fee were submitted on 2/1/23. 1st plan check submitted on 2/23/23

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			and returned 2/25/23. 2nd plan check submitted on 3/9/23 and returned on 3/11/23. (1/20/26)
C0359-23-01	307 Colleen Place	Single Family Home with ADU	Application for New Service submitted on 2/3/23 and plan check fee submitted 2/6/23. 1st plan check submitted on 2/6/23 and returned on 2/8/23. 2nd plan check submitted on 3/7/23 and returned on 3/11/23. 3rd plan check submitted on 9/21/23 and returned on 9/24/23. (1/20/26)
C0361-23-01	341 Westbrook Place	Single Family Home	Application for New Service submitted on 2/10/23 and waiting for plan check fee to be submitted. 1st plan check submitted on 2/10/23 and returned on 2/11/23. 2nd plan check submitted on 2/12/23 and returned on 2/13/23. Permit issued on 4/14/23. Precon held on 10/4/23. (1/20/26)
C0363-23-01	174 E. 19th Street	Single Family Home	Waiting for Application for New Service and plan check fee submitted on 2/17/23. 1st plan check submitted on 2/20/23 and returned on 2/20/23. 2nd plan check submitted on 2/20/23 and returned on 2/20/23. (1/20/26)
C0364-23-01	2356 Cornell Drive	Single Family Home, ADU with Junior Accessory Dwelling Unit (JADU)	Waiting for both Application for New Service and plan check fee to be submitted. Waiting for 1st plan check to be submitted. (1/20/26)
C0366-23-01	2339 Colgate Drive	Single Family Home with Studio	Application for New Service submitted on 2/24/23 and waiting for plan check fee to be submitted. 1st plan check submitted 2/24/23 and returned on 2/25/23. 2nd plan check submitted on 3/2/23 and returned on 3/5/23. Permit issued on 5/16/23. Precon held on 11/14/24. Meter upgraded on 11/27/24. (1/20/26)
C0370-23-01	891 Presidio Drive	ADU	Application for New Service and plan check fee submitted on 3/14/23. 1st plan check submitted on 3/14/23 and returned on 3/26/23. 2nd plan check submitted on 3/29/23 and returned on 4/1/23. (1/20/26)
C0374-23-01	2323 Placentia Avenue	Estancia High School - New Auditorium	Application for New Service submitted on 3/25/23 and plan check fee submitted on 3/22/23. 1st plan check submitted on 3/25/23 and returned on 3/26/23. 2nd plan check submitted on 3/29/23 and returned on 4/2/23. Permit issued on 6/5/23. Permit deadline extended to 6/1/25. (1/20/26)
C0375-23-01	965 Junipero Drive	Single Family Home	Application for New Service submitted on 3/22/23 and waiting for plan check fee to be submitted. 1st plan check submitted on 3/22/23 and returned on 3/26/23. 2nd plan check submitted on 3/30/23 and returned on 4/1/23. Permit issued on 8/31/23. (1/20/26)
C0377-23-01	3129 Country Club Drive	Senior Living Complex	Waiting for Application for New Service and plan check fee to be submitted. 1st plan check submitted on 3/24/23 and returned on 4/8/23. 2nd plan check submitted on 4/21/23 and returned on 5/2/23. 3rd plan check submitted on 11/20/24 and returned on 12/7/24. 4th plan check submitted on

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			12/10/24 and returned on 12/19/24. Permit issued on 1/28/25. (1/20/26)
C0384-23-01	467 Magnolia Street	Single Family Home	Application for New Service submitted on 4/21/23 and plan check fee submitted via wire on 5/8/23. 1st plan check submitted on 4/26/23 and returned on 5/5/23. 2nd plan check submitted on 6/4/23 and returned on 6/12/23. 3rd plan check submitted on 9/27/23 and returned on 10/8/23. Permit issued on 11/9/23. (1/20/26)
C0386-23-01	1020 Grove Place	Single Family Home	Application for New Service submitted on 4/26/23 and plan check fee submitted on 4/26/23. 1st plan check submitted on 4/25/23 and returned on 5/7/23. (1/20/26)
C0387-23-01	471 Magnolia Street	Single Family Home	Application for New Service submitted on 4/26/23 and plan check fee submitted on 5/2/23. 1st plan check submitted on 4/26/23 and returned on 5/7/23. 3rd plan check submitted on 12/1/23 and returned on 12/3/23. Permit issued on 12/27/23. (1/20/26)
C0388-23-01	1978 Meyer Place and 1979 Anaheim Avenue	8 Townhomes	Application for New Service submitted on 4/26/23 and waiting for plan check fee to be submitted. 1st plan check submitted on 4/26/23 and returned on 5/5/23. 2nd plan check submitted on 6/18/23 and returned on 6/20/23. 3rd plan check submitted on 10/26/23 and returned on 11/2/23. Permit issued on 12/27/23. Precon held on 1/10/24. (1/20/26)
C0389-23-01	3144 Coolidge Avenue	Single Family Home	Application for New Service submitted on 4/28/23 and plan check fee submitted on 5/10/23. 1st plan check submitted on 4/28/23 and rejected. Revised 1st plan check submitted on 5/8/23 and returned on 5/9/23. 2nd plan check submitted on 5/18/23 and returned on 5/18/23. 3rd plan check submitted on 3/5/25 and returned on 3/10/25. Permit issued on 3/13/25. (1/20/26)
C0392-23-01	209 Flower Street	ADU	Application for New Service and plan check fee submitted on 5/11/23. 1st plan check submitted on 4/24/23 and returned on 5/18/23. 2nd plan check submitted on 5/31/23 and returned on 6/4/23. Permit submitted on 6/29/23. Precon held on 8/10/23. (1/20/26)
C0400-23-01	3258 Oregon Avenue	Single Family Home	Application for New Service submitted on 6/20/23 and plan check fee submitted on 6/12/23. 1st plan check submitted on 6/19/23 and returned on 6/22/23. 2nd plan check submitted on 8/15/23 and returned on 8/20/23. (1/20/26)
C0401-23-01	362 Hamilton Street	ADU	Application for New Service submitted on 6/20/23 and plan check fee submitted on 6/27/23. 1st plan check submitted on 6/19/23 and returned on 6/22/23. 2nd plan check submitted on 7/5/23 and returned on 7/6/23. 3rd plan check submitted on 9/16/24 and returned on 9/22/24. Revised 3rd plan check identified on 12/16/24 and submitted on 12/22/24. Permit issued on 2/28/25. (1/20/26)
C0402-23-01	362 Rochester Street	ADU	Application for New Service submitted on 6/20/23 and plan check fee submitted on 6/20/23. 1st plan check submitted on

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			6/18/23 and returned on 6/22/23. 2nd plan check submitted on 6/26/23 and returned on 6/27/23. (1/20/26)
C0413-24-01	865 Senate Street	Single Family Home	Waiting for Application for New Service and the plan check fee was submitted on 7/6/23. Waiting for the 1st plan check to be submitted. (1/20/26)
C0415-24-01	3084 College Avenue	Single Family Home	Application for New Service submitted on 7/11/23 and the plan check fee was submitted on 7/6/23. 1st plan check submitted on 7/22/23 and returned on 7/26/23. (1/20/26)
C0417-24-01	932 Capital Street	Single Family Home	Application for New Service submitted on 7/25/23 and the plan check fee was submitted on 7/25/23. 1st plan check submitted on 7/25/23 and returned on 7/29/23. 2nd plan check submitted on 7/31/23 and returned on 8/6/23. 3rd plan check submitted on 10/25/23 and returned on 11/2/23. 4th plan check submitted on 1/19/25 and returned on 1/23/25. Permit issued on 2/13/24. 5th plan check submitted on 3/6/25 and responded on 3/6/25. 6th plan check submitted on 3/11/25 and returned on 3/11/25. 7th plan check submitted on 3/15/25 and returned on 3/16/25. Permit issued on 1/29/25. Precon held on 2/26/25. (1/20/26)
C0419-24-01	2235 Miner Street	Single Family Home	Application for New Service submitted on 7/28/23 and the plan check fee was submitted on 7/28/23. 1st plan check submitted on 7/28/23 and returned on 7/30/23. 2nd plan check submitted on 8/7/23 and returned on 8/7/23. 3rd plan check submitted on 8/23/23 and returned on 8/27/23. 4th plan check submitted on 6/3/24 and returned on 6/9/24. 5th plan check submitted on 6/28/24 and returned on 7/6/24. 6th plan check submitted on 12/2/25. 7th plan check submitted on 1/5/26 and returned on 1/6/26. Permit issued 1/20/26. Precon held on 1/20/26. (1/20/26)
C0421-24-01	1620 Sunflower Avenue	Commercial	Application for New Service submitted on 7/12/23 and the plan check fee was submitted on 8/3/23. 1st plan check submitted on 8/1/23 and returned on 8/6/23. 2nd plan check submitted on 8/16/23 and returned on 8/20/23. 3rd plan check submitted on 9/5/23 and returned on 9/5/23. (1/20/26)
C0422-24-01	522 Traverse Drive	ADU	Application for New Service submitted on 7/31/23 and the plan check fee was submitted on 8/3/23. 1st plan check submitted on 8/1/23 and returned on 8/6/23. 2nd plan check submitted on 8/16/23 and returned on 8/20/23. 3rd plan check submitted on 9/18/23 and returned on 9/24/23. (1/20/26)
C0425-24-01	2049 Monrovia Avenue	Single Family Home	Application for New Service and the plan check fee was submitted on 8/15/23. Waiting for 1st plan check submittal. (1/20/26)
C0427-24-01	526 Sturgeon Circle	Single Family Home	Application for New Service submitted on 8/25/23 and the plan check fee submitted on 8/29/23. 1st plan check submitted on 8/23/23 and returned on 9/4/23. 2nd plan check submitted on 10/3/23 and returned on 10/8/23. 3rd plan

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			check submitted on 10/23/23 and returned on 10/23/23. Permit issued on 11/15/23. Precon held on 3/12/24. (1/20/26)
C0429-24-01	734 Center Street	Single Family Home	Application for New Service submitted on 8/31/23 and the plan check fee was submitted on 9/1/23. 1st plan check submitted on 8/25/23 and returned on 9/4/23. 2nd plan check submitted on 11/2/23 and returned on 11/2/23. 3rd plan check submitted on 7/25/24 and returned on 7/28/24. Permit issued on 9/25/24. Precon held on 11/26/24. (1/20/26)
C0430-24-01	854 Oak Street	ADU	Application for New Service submitted on 9/6/23 and the plan check fee was submitted on 9/6/23. 1st plan check submitted on 9/6/23 and returned on 9/17/23. 2nd plan check submitted on 9/21/23 and returned on 9/24/23. 3rd plan check submitted on 9/25/23 and returned on 10/8/23. (1/20/26)
C0434-24-01	234 Palmer Street	ADU	Application for New Service submitted on 10/9/23 and the plan check fee submitted on 10/9/23. 1st plan check submitted on 9/14/23 and returned on 10/22/23. (1/20/26)
C0438-24-01	2900 Redwood Avenue	ADU	Application for New Service submitted on 9/28/23 and plan check fee submitted on 9/27/23. 1st plan check submitted on 9/24/23 and returned on 10/8/23. 2nd plan check submitted on 10/9/23 and returned on 10/22/23. (1/20/26)
C0440-24-01	480 Broadway	ADU	Application for New Service submitted on 9/28/23 and plan check fee submitted on 9/27/23. 1st plan check submitted on 9/28/23 and returned on 10/8/23. (1/20/26)
C0444-24-01	1687 Orange Avenue	Commercial	Application for New Service submitted on 10/22/23 and plan check fee submitted on 10/11/23. 1st plan check submitted on 10/22/23 and returned on 10/23/23. 2nd plan check submitted on 11/7/23 and returned on 11/9/23. 3rd plan check submitted on 1/16/24 and returned on 1/28/24. 4th plan check submitted on 3/7/24 and returned on 3/10/24. (1/20/26)
C0445-24-01	331 Costa Mesa Street	Single Family Home with ADU	Application for New Service and plan check fee submitted on 11/2/23. 1st plan check submitted on 10/24/23 and returned on 11/3/23. 2nd plan check submitted on 11/13/23 and returned on 11/16/23. 3rd plan check submitted on 11/16/23 and returned on 11/16/23. Permit issued on 11/27/23. Precon held on 7/15/24. Refresher precon held on 1/22/25. (1/20/26)
C0446-24-01	120 Virginia Place	Commercial	Application for New Service submitted on 10/17/23 and plan check fee submitted on 9/21/23. Waiting for 1st plan check to be submitted. (1/20/26)
C0447-24-01	486 Shady Drive	Single Family Home	Application for New Service submitted on 7/25/23 and plan check fee submitted on 8/29/23. Waiting for 1st plan check to be submitted. (1/20/26)
C0448-24-01	2378 Rutgers Drive	Single Family Home	Application for New Service submitted on 10/26/23 and waiting for plan check fee to be submitted. 1st plan check submitted on 10/26/23 and returned on 11/3/23. 2nd plan

DEVELOPER PROJECT STATUS REPORT

PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			check submitted on 11/14/23 and returned on 11/16/23. (1/20/26)
C0453-24-01	2220 Orange Avenue	Two ADUs	Application for New Service and plan check fee submitted on 11/2/23. 1st plan check submitted on 1/22/24 and returned on 1/28/24. 2nd plan check submitted on 1/29/24 and returned on 1/29/24. 3rd plan check submitted on 7/24/24 and returned on 7/28/24. Permit issued on 9/17/24. Precon held on 9/19/24. (1/20/26)
C0456-24-01	738 Center Street	ADU	Application for New Service submitted on 11/28/23 and plan check fee submitted 12/6/23. 1st plan check submitted on 11/16/23 and returned on 01/01/24. 2nd plan check submitted on 2/26/25 and returned on 2/27/25. Permit issued on 4/7/25. (1/20/26)
C0457-24-01	1822 Pomona Avenue	ADU	Application for New Service submitted and plan check fee submitted on 11/9/23. 1st plan check submitted on 11/27/23 and returned on 11/27/23. 2nd plan check submitted on 12/14/23 and returned on 12/18/23. Permit issued on 1/22/24. (1/20/26)
C0463-24-01	1992 Orange Avenue	ADU	Application for New Service and plan check fee submitted on 12/20/23. Waiting for 1st plan check to be submitted. (1/20/26)
C0464-24-01	234 Cabrillo Street	Single Family Home	Application for New Service submitted on 12/20/23 and plan check fee submitted on 12/19/23. 1st plan check submitted on 11/30/23 and returned on 12/26/23. 2nd plan check submitted on 1/19/24 and returned on 1/28/24. Permit issued on 2/12/24. (1/20/26)
C0467-24-01	2158 Charle Drive	Two ADUs	Application for New Service submitted on 9/9/23 and plan check fee submitted on 1/2/24. 1st plan check submitted on 11/29/23 and returned on 1/16/24. 2nd plan check submitted on 2/9/24 and returned on 2/10/24. 3rd plan check submitted on 2/4/25 and returned on 2/11/25. Permit issued on 2/28/25. Precon held on 7/14/25. Meter upgraded on and abandonment done on 7/17/25. (1/20/26)
C0469-24-01	185 Rochester Street	Two Single Family Homes	Application for New Service submitted on 1/18/24 and plan check fee submitted on 1/17/24. 1st plan check submitted on 1/18/24 and returned on 1/28/24. 2nd plan check submitted on 1/30/24 and returned on 1/30/24. 3rd plan check submitted on 2/22/24 and returned on 2/24/24. Permit issued on 2/13/25. (1/20/26)
C0471-24-01	881 Capital Street	Single Family Home	Application for New Service submitted on 1/12/24 and plan check fee submitted on 1/17/24. 1st plan check submitted on 2/10/24 and returned on 2/11/24. (1/20/26)
C0475-24-01	375 22nd Street	ADU	Application for New Service submitted on 1/18/24 and plan check fee submitted on 1/19/24. 1st plan check submitted on 1/26/24 and returned on 1/28/24. 2nd Plan Check submitted on 2/5/24 and returned on 2/9/24. 3rd Plan Check submitted

DEVELOPER PROJECT STATUS REPORT

PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			on 2/23/24 and returned on 2/24/24. Permit issued on 4/9/24. (1/20/26)
C0484-24-01	378 E. 18th Street	Two Single Family Homes with Two ADUs	Application for New Service submitted on 2/12/24 and waiting for plan check fee to be submitted. 1st plan check submitted on 2/13/24 and returned on 3/3/24. 2nd plan check submitted on 12/6/24 and returned on 12/7/24. 3rd plan check submitted on 12/24/24 and returned on 12/24/24. Permit issued on 1/2/2025. (1/20/26)
C0487-24-01	1184 Dorset Lane	ADU	Application for New Service submitted on 3/2/24 and plan check fee submitted on 2/28/24. 1st plan check submitted on 2/28/24 and returned on 3/3/24. 2nd plan check submitted on 3/5/24 and returned on 3/10/24. 3rd plan check submitted on 3/13/24 and returned on 3/20/24. Permit issued on 4/1/24. (1/20/26)
C0489-24-01	770 W. 19th Street	Single Family Home	Application for New Service submitted on 3/4/24 and plan check submitted on 3/7/24. 1st plan check submitted on 3/4/24 and returned on 3/10/24. 2nd plan check submitted on 4/15/24 and returned on 4/16/24. Permit issued on 11/25/24. Precon held 9/24/24 and refresher precon on 12/11/24. (1/20/26)
C0490-24-01	260 Nassau Road	Single Family Home	Application for New Service and payment voucher submitted on 3/5/24. 1st plan check submitted on 3/6/24 and returned on 3/10/24. 2nd plan check submitted on 3/12/24 and returned on 3/13/24. 3rd plan check submitted on 3/14/24 and returned on 3/20/24. Permit issued on 4/3/24. (1/20/26)
C0495-24-01	2155 Raleigh Avenue	ADU	Application for New Service and plan check fee submitted on 3/18/24. 1st plan check submitted on 3/19/24 and returned on 3/20/24. 2nd plan check submitted on 3/25/24 and returned on 3/25/24. 3rd plan check submitted on 4/10/24 and returned on 4/10/24. Permit issued on 4/23/24. Precon held on 8/6/24 and again on 2/3/25. (1/20/26)
C0499-24-01	729 Center Street	Two ADUs	Application for New Service submitted on 3/21/24 and plan check fee submitted on 3/19/24. 1st plan check submitted on 3/21/24 and returned on 3/22/24. 2nd plan check submitted on 4/15/24 and returned on 4/16/24. 3rd plan check submitted on 6/11/24 and returned on 6/13/24. 4th plan check submitted on 9/14/24 and returned on 9/22/24. Permit issued on 10/7/24. (1/20/26)
C0501-24-01	362 E. 22nd Street	Pipeline Relocation	Waiting for Application for New Service and plan check fee to be submitted. Sent directions to customer on 8/3/25. Conducted conference call with customer on 8/27/25. Sent 2nd set of directions to customer on 10/31/25. (1/20/26)
C0506-24-01	348 22nd Street	Single Family Home	Application for New Service submitted on 2/9/25 and plan check fee submitted on 1/29/25 1st plan check submitted on 3/29/24 and returned on 2/15/25. 2nd plan check submitted on 3/31/25 and returned on 4/13/25. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0509-24-01	247 Knox Street	Single Family Home	Application for New Service and plan check fee submitted on 4/17/24. 1st plan check submitted on 4/17/24 and returned on 4/22/24. 2nd plan check submitted on 4/29/24 and returned on 4/29/24. Permit issued on 5/20/24. (1/20/26)
C0511-24-01	2995 Ceylon Drive	Single Family Home	Application for New Service submitted on 4/23/24 and waiting for plan check fee to be submitted. 1st plan check submitted on 4/22/24 and returned on 4/29/24. 2nd plan check submitted on 4/29/24 and returned on 4/30/24. (1/20/26)
C0520-24-01	146 & 148 Rochester Street	Two Single Family Homes	Application for New Service and plan check fee submitted on 5/16/24. 1st plan check submitted on 5/16/24 and returned on 5/26/24. 2nd plan check submitted on 6/25/24 and returned on 6/30/24. 3rd plan check submitted on 11/26/24 and returned on 11/30/24. 4th plan check submitted on 12/19/24 and returned on 12/19/24. 5th plan check submitted on 2/5/25 and returned on 2/14/25. Permit issued on 5/6/25. (1/20/26)
C0524-24-01	1051 W. Wilson Street	Single Family Home	Application for New Service submitted on 5/17/24 and plan check fee submitted on 5/20/24. 1st plan check submitted on 5/17/24 and returned on 5/26/24. 2nd plan check submitted on 7/2/24 and returned on 7/6/24. Permit issued on 8/1/2024. (1/20/26)
C0531-24-01	314 E. 20th Street	ADU	Application for New Service submitted on 5/6/24 and plan check fee submitted 6/10/24. 1st plan check submitted on 6/10/24 and returned on 6/13/24. 2nd plan check submitted on 6/17/24 and returned on 6/21/24. 3rd plan check submitted on 6/25/24 and returned on 6/30/24. Permit issued 6/11/25. (1/20/26)
C0533-24-01	111 Cecil Place	Triplex	Application for New Service and plan check fee submitted on 6/13/24. 1st plan check submitted on 6/5/24 and returned on 6/15/24. 2nd plan check submitted on 6/18/24 and returned on 6/21/24. 3rd plan check submitted 7/3/24 and returned on 7/7/24. 4th plan check submitted on 7/11/24 and returned on 7/14/24. 5th plan check submitted on 8/19/24 and returned on 8/24/24. Permit issued on 9/17/24. (1/20/26)
C0536-25-01	169 E. 18th Street	ADU	Application for New Service submitted on 6/25/24 and plan check fee submitted on 6/29/24. 1st plan check submitted on 6/25/24 and returned on 7/6/24. 2nd plan check submitted on 7/8/24 and returned on 7/14/24. 3rd plan check submitted on 7/27/24 and returned on 8/4/24. 4th plan check submitted on 8/5/24 and returned on 8/13/24. Permit issued on 9/4/24. Precon held on 7/15/25. (1/20/26)
C0538-25-01	3020 Capri Lane	Single Family Home	Application for New Service submitted on 7/8/24 and plan check fee submitted on 7/9/24. 1st plan check submitted on 6/27/24 and returned on 7/14/24. 2nd plan check submitted on 9/18/24 and returned on 9/22/24. (1/20/26)
C0540-25-01	2033 National Avenue	Single Family Home	Application for New Service and plan check fee submitted on 7/1/24. 1st plan check submitted on 7/22/24 and returned on 7/28/24. 2nd plan check submitted on 8/27/24 and returned

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			on 9/2/24. Permit issued on 12/2/24. Precon held on 12/9/24. Shutdown for abandonment performed on 5/5/25. (1/20/26)
C0542-25-01	397 Vista Baya	Single Family Home with ADU	Application for New Service and plan check fee submitted on 7/1/24. 1st plan check submitted on 7/1/24 and returned on 7/7/24. Revised 1st plan check submitted on 7/15/24. 2nd plan check submitted on 7/15/24 and returned on 7/15/24. 3rd plan check submitted on 9/5/24 and returned on 9/14/24. (1/20/26)
C0546-25-01	1018 and 1022 W. Wilson Street	Two Single Family Homes with Two ADUs	Application for New Service submitted on 7/17 and plan check fee submitted on 7/22/24. 1st plan check submitted on 7/21/24 and returned on 7/28/24. 2nd plan check submitted on 8/1/24 and returned on 8/4/24. 3rd plan check submitted 8/14/24 and returned on 8/24/24. Permit issued on 9/17/24. Precon held on 5/28/25. Services and meter installed on 7/29/25. (1/20/26)
C0547-25-01	853 Congress Street	Single Family Home with JADU	Application for New Service submitted on 7/23/24 and waiting for plan check fee to be submitted. 1st plan check submitted on 7/23/24 and returned on 7/28/24. 2nd plan check submitted on 11/27/24 and returned on 11/30/24. 3rd plan check submitted on 12/4/24 and returned on 12/7/24. Permit issued on 3/4/25. Precon held on 10/13/25. (1/20/26)
C0552-25-01	787 Joann Street	ADU	Application for New Service submitted on 7/16/24 and plan check fee submitted on 8/7/24. 1st plan check submitted on 8/1/24 and returned on 8/4/24. 2nd plan check submitted on 8/7/24 and returned on 8/13/24. 3rd plan check submitted on 2/14/25 and returned on 2/15/25. Permit issued on 3/4/25. Precon held on 12/8/25. (1/20/26)
C0554-25-01	2533 Greenbriar Lane	JADU	Application for New Service submitted on 7/19/24 and plan check fee submitted on 8/12/24. 1st plan check submitted on 7/19/24 and returned on 8/24/24. 2nd plan check submitted on 9/7/24 and returned on 9/14/24. Permit issued on 10/24/24. (1/20/26)
C0556-25-01	1595 Newport Boulevard	Commercial	Application for New Service submitted on 7/30/24 and plan check fee submitted on 8/22/24. 1st plan check submitted on 7/30/24 and returned on 8/24/24. 2nd plan check submitted on 9/26/24 and returned on 10/6/24. Permit issued on 12/2/2024. (1/20/26)
C0557-25-01	374 & 376 Hamilton Street	Two Duplexes with Two ADUs	Application for New Service and plan check fee submitted on 8/23/24. 1st plan check submitted on 8/23/24 and returned on 8/25/24. 2nd plan check submitted on 10/22/24 and returned on 11/3/24. 3rd plan check submitted on 11/4/24 and returned on 11/4/24. 4th plan check submitted on 11/15/24 and returned on 11/22/24. Permit issued on 1/2/2025. Precon held on 6/13/25. Services installed on 6/16/25. Meters installed on 6/17/25. (1/20/26)
C0559-25-01	140 Albert Place	ADU	Application for New Service and plan check fee submitted on 10/19/24. 1st plan check submitted on 10/13/24 and returned

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			on 10/21/24. 2nd plan check submitted on 10/25/24 and returned on 11/3/24. (1/20/26)
C0560-25-01	757 Newton Way	Commercial	Application for New Service and plan check fee submitted on 8/27/24. 1st plan check submitted on 8/27/24 and returned on 9/2/24. 2nd plan check submitted on 12/19/24 and returned on 12/24/24. Permit issued on 1/22/25. Precon held on 8/11/25. Services installed on 11/3/25. Pressure test, chlorination and flushing happened over two days, on 11/13/25, and 11/17/25. BacT samples collected and passed on 11/18/25. (1/20/26)
C0566-25-01	454 Costa Mesa Street	Single Family Home	Application for New Service and plan check fee submitted on 9/10/24. 1st plan check submitted on 9/9/24 and returned on 9/22/24. 2nd plan check submitted on 3/12/25 and returned on 3/13/25. 3rd plan check submitted on 3/14/25 and returned on 3/24/25. Permit issued on 4/7/25. Precon held on 7/28/25. (1/20/26)
C0567-25-01	2108 Westminster Avenue	Single Family Home	Application for New Service and plan check fee submitted on 8/27/24. 1st plan check submitted on 8/27/24 and returned on 9/2/24. 2nd plan check submitted on 10/8/24 and returned on 10/13/24. Permit issued on 11/12/24. (1/20/26)
C0568-25-01	2011 Baltra Place	ADU	Application for New Service and plan check fee submitted on 9/11/24. 1st plan check submitted on 9/11/24 and returned on 9/22/24. 2nd plan check submitted on 10/25/24 and returned on 11/3/24. Permit issued on 11/12/24. (1/20/26)
C0572-25-01	2141 Aster Place	ADU	Application for New Service submitted on 9/19/24 and plan check fee submitted on 9/18/24. 1st plan check submitted on 9/19/24 and returned on 9/22/24. 2nd plan check submitted on 10/2/24 and returned on 10/6/24. Permit issued 11/12/24. Precon held on 3/18/25. (1/20/26)
C0574-25-01	243 22nd Street	JADU	Application for New Service and plan check fee submitted on 9/23/24. 1st plan check submitted on 9/20/24 and returned on 10/6/24. 2nd plan check submitted on 10/11/24 and returned on 10/13/24. Permit issued by hand on 11/14/24. (1/20/26)
C0575-25-01	883 Towne Street	Single Family Home	Application for New Service submitted on 9/13/24 and plan check fee submitted on 9/17/24. 1st plan check submitted on 9/23/24 and returned on 10/6/24. 2nd plan check submitted on 10/21/24 and returned on 11/3/24. 3rd plan check submitted on 11/5/24 and returned to 11/5/24. Permit issued on 11/12/24. (1/20/26)
C0578-25-01	3065 Ceylon Road	Single Family Home	Application for New Service submitted on 10/10/24 and plan check fee submitted on 10/11/24. 1st plan check submitted on 10/11/24 and returned on 10/13/24. 2nd plan check submitted on 10/24/24 and returned on 11/3/24. 3rd plan check submitted on 11/5/24 and returned on 11/10/24. 4th plan check submitted on 11/11/24 and returned 11/11/24. Permit issued on 12/2/24. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0579-25-01	418 Ogle Circle	Single Family Home	Application for New Service and plan check fee submitted on 10/11/24. 1st plan check submitted on 11/7/24 and returned on 11/10/24. 2nd plan check submitted on 1/8/25 and returned on 1/26/25. Permit issued on 2/14/25. (1/20/26)
C0580-25-01	1130 Austin Street	ADU	Application for New Service submitted on 9/17/24 and plan check fee submitted on 9/24/24. 1st plan check submitted on 9/24/24 and returned on 10/20/24. 2nd plan check submitted on 10/24/24 and returned on 11/3/24. Permit issued on 12/20/24. (1/20/26)
C0581-25-01	2858 Serang Place	JADU	Application for New Service submitted on 10/2/24 and plan check fee submitted on 10/15/24. 1st plan check submitted on 10/31/24 and returned on 11/3/24. 2nd plan check submitted on 11/5/24 and returned on 11/10/24. 3rd plan check submitted on 12/11/24 and returned on 12/19/24. 4th plan check submitted on 1/3/25 and returned on 1/6/25. Permit issued on 1/21/25. 5th plan check submitted on 8/1/25 and returned on 8/6/25. Permit issued on 8/27/25. Precon held on 12/15/25. (1/20/26)
C0583-25-01	2136 Republic Avenue	Single Family Home	Application for New Service and plan check fee submitted on 10/16/24. 1st plan check submitted on 10/16/24 and returned on 10/20/24. 2nd plan check submitted on 10/31/24 and returned on 11/3/24. 3rd plan check submitted on 11/7/24 and returned on 11/10/24. Permit issued on 12/2/24. Precon held on 5/12/25. Services installed on 5/12/25. Meter installed on 5/13/25. (1/20/26)
C0584-25-01	222-236 Victoria Place	40 Single Family Homes	Application for New Service and plan check fee submitted on 10/17/24. 1st plan check submitted on 10/17/24 and returned on 11/10/24. 2nd plan check submitted on 11/21/24 and returned on 12/3/24. 3rd plan check submitted on 12/5/24 and returned on 12/7/24. 4th plan check submitted on 8/13/25 and returned on 8/20/25. 5th plan check submitted on 11/12/25 and returned on 11/27/25. (1/20/26)
C0585-25-01	976 Paularino Avenue	Single Family Home	Application for New Service submitted on 10/19/24 and plan check fee submitted on 10/24/24. 1st plan check submitted on 10/19/24 and returned on 10/20/24. 2nd plan check submitted on 10/28/24 and returned on 11/3/24. (1/20/26)
C0586-25-01	1849 Kentucky Place	Single Family Home	Application for New Service submitted on 10/29/24 and plan check fee submitted on 10/21/24. 1st plan check submitted on 10/19/24 and returned on 11/3/24. Permit issued on 12/2/24. Precon held on 4/9/25. New precon held on 1/14/26. (1/20/26)
C0588-25-01	2156 and 2158 Myran Drive	Two Single Family Homes	Application for New Service submitted on 10/16 and plan check fee submitted on 10/29/24. 1st plan check submitted on 10/29/24 and returned on 11/3/24. 2nd plan check submitted on 11/5/24 and returned on 11/5/24. 3rd plan check submitted on 11/7/24 and returned on 11/10/24. Permit issued on 12/2/24. Precon held on 4/1/25. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0594-25-01	2977 Country Club Drive	Single Family Home	Application for New Service submitted on 11/8/24 and plan check fee submitted on 11/12/24. 1st plan check submitted on 12/2/24 and returned on 12/2/24. 2nd plan check submitted on 12/4/24 and returned on 12/7/24. Permit issued on 1/21/2025. (1/20/26)
C0595-25-01	186 Costa Mesa Street	ADU	Application for New Service submitted on 11/12/24 and plan check fee submitted on 9/23/24. 1st plan check submitted on 11/12/24 and returned on 11/17/24. 2nd plan check submitted on 12/4/24 and returned on 12/7/24. Permit issued on 1/21/25. (1/20/26)
C0596-25-01	387 Ramona Way	Single Family Home	Application for New Service submitted on 10/31/24 and plan check fee submitted on 11/14/24. 1st plan check submitted on 10/31/24 and returned on 11/17/24. 2nd plan check submitted on 11/20/24. 3rd plan check submitted on 12/9/24 and returned on 12/19/24. Permit issued on 1/21/25. Precon held on 4/28/25. Refresher precon held on 9/23/25. (1/20/26)
C0597-25-01	2314 College Drive	ADU	Application for New Service submitted on 9/23/24 and plan check fee submitted on 9/27/24. 1st plan check submitted on 9/26/24 and returned on 11/22/24. 2nd plan check submitted on 11/27/24 and returned on 11/30/24. (1/20/26)
C0598-25-01	2297 La Linda Court	Single Family Home	Application for New Service submitted on 11/16/24 and plan check fee submitted on 11/19/24. 1st plan check submitted on 10/26/24 and returned on 11/22/24. 2nd plan check submitted on 12/3/24 and returned on 12/7/24. 3rd plan check submitted on 12/16/24 and returned on 12/19/24. (1/20/26)
C0600-25-01	2702 Canary Drive	Single Family Home	Application for New Service and plan check fee submitted on 10/23/24. 1st plan check submitted on 11/21/24 and returned on 11/23/24. 2nd plan check submitted on 12/9/24 and returned on 12/19/24. Permit issued on 1/2/2025. Precon held on 1/9/25. (1/20/26)
C0602-25-01	241 Ogle Street	Three Single Family Homes	Application for New Service and plan check fee submitted on 10/23/24. 1st plan check submitted on 10/23/24 and returned on 11/23/24. 2nd plan check submitted on 12/16/24 and returned on 12/24/24. Permit issued on 1/28/25. Precon held on 3/10/25. Two of three meters installed and locked on 3/11/25. (1/20/26)
C0603-25-01	3499 San Rafael Circle	Single Family Home	Application for New Service and plan check fee submitted on 11/25/24. 1st plan check submitted on 11/25/24 and returned on 11/30/24. 2nd plan check submitted on 12/8/24 and returned on 12/8/24. 3rd plan check submitted on 12/18/24 and returned on 12/24/24. Permit issued on 1/21/25. Precon held on 5/27/25. Meter upgraded and locked on 8/28/25. (1/20/26)
C0606-25-01	1559 Placentia Avenue	Commercial	Application for New Service submitted on 11/27/24 and waiting for plan check fee to be submitted. 1st plan check submitted on 11/22/24 and returned on 11/30/24. 2nd plan check submitted on 1/28/25 and returned on 2/9/25. 3rd plan

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			check submitted on 2/20/25 and returned on 2/26/25. 4th plan check submitted on 3/27/25 and returned on 4/13/25. Permit issued on 5/27/25. Precon held on 7/17/25. Service installed on 7/21/25. Abandonment performed on 7/23/25. (1/20/26)
C0608-25-01	1600 Adams Avenue	Commercial	Application for New Service and plan check fee submitted on 1/23/25. 1st plan check submitted on 3/18/25 and returned on 4/13/25. 2nd plan check submitted on 4/14/25 and returned on 4/14/25. 3rd plan check submitted on 4/28/25 and returned on 5/12/25. 4th plan check submitted on 5/14/25 and returned on 5/24/25. Permit issued on 6/23/25. (1/20/26)
C0610-25-01	2235 Meyer Place	Single Family Home	Application for New Service submitted on 12/5/24 and plan check fee submitted on 12/10/24. 1st plan check submitted on 12/5/24 and returned on 12/19/24. 2nd plan check submitted on 12/23/24 and returned on 12/24/24. 3rd plan check submitted on 12/26/24 and returned on 12/26/24. 4th plan check submitted on 1/3/2025 and returned on 1/3/2025. Permit issued on 1/21/25. Precon held on 1/20/26. (1/20/26)
C0611-25-01	2130 Monrovia Avenue	Single Family Home	Application for New Service and plan check fee submitted on 12/9/24. 1st plan check submitted on 12/9/24 and returned on 12/19/24. 2nd plan check submitted on 1/27/25 and returned on 1/27/25. Permit issued on 4/7/25. (1/20/26)
C0612-25-01	363 Flower Street	ADU	Application for New Service and plan check fee submitted on 12/9/24. 1st plan check submitted on 12/9/24 and returned on 12/19/24. 2nd plan check submitted on 12/23/24 and returned on 12/24/24. Permit issued on 1/28/25. Precon held on 2/19/25. (1/20/26)
C0613-25-01	3119 Madeira Avenue	Single Family Home	Application for New Service and plan check fee submitted on 12/10/24. 1st plan check submitted on 12/10/24 and returned on 12/19/24. 2nd plan check submitted on 2/20/25 and returned on 2/26/25. Permit issued on 4/14/25. (1/20/26)
C0614-25-01	2301 S. Shelley Circle	Southern Region Emergency Operations Center (SREOC)	Application for New Service submitted on 12/10/24. Waiting for plan check fee to be submitted. 1st plan check submitted on 12/10/24 and returned on 1/26/25. 2nd plan check submitted on 1/31/25 and returned on 2/16/25. 3rd plan check submitted on 2/20/25 and returned on 2/27/25. Permit issued on 7/16/25. Precon held on 7/29/25. Refresher precon held on 12/16/25. (1/20/26)
C0616-25-01	3133 Dublin Street	Single Family Home	Application for New Service submitted on 12/23/24 and waiting for plan check fee submittal. 1st plan check submitted on 12/23/24 and returned on 12/26/24. 2nd plan check submitted on 3/21/25 and returned on 3/23/25. 3rd plan check submitted on 3/24/25 and returned on 3/24/25. Permit issued on 4/21/25. (1/20/26)
C0617-25-01	2060 Monrovia Avenue	Single Family Home	Application for New Service and plan check fee submitted on 12/24/24. 1st plan check submitted on 12/24/24 and returned on 12/26/24. 2nd plan check submitted on 1/15/25 and returned on 1/26/25. 3rd plan check submitted on 3/24/25

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			and returned on 3/24/25. Permit issued on 4/10/25. Precon held on 9/8/25. (1/20/26)
C0619-25-01	1917 Anaheim Avenue	Commercial	Application for New Service and plan check fee submitted on 1/15/25. 1st plan check submitted on 1/15/25 and returned on 1/26/25. 2nd plan check submitted on 2/3/25 and returned on 2/9/25. (1/20/26)
C0620-25-01	3112 McKinley Way	JADU	Application for New Service and plan check fee submitted on 1/20/25. 1st plan check submitted on 11/19/24 and returned on 1/26/25. 2nd plan check submitted on 1/27/25 and returned on 1/27/25. 3rd plan check submitted on 2/2/25 and returned on 2/9/25. Permit issued on 3/25/25. (1/20/26)
C0623-25-01	359 Flower Street	Single Family Home	Application for New Service submitted on 1/23/25 and plan check fee submitted on 1/24/25. 1st plan check submitted on 1/23/25 and returned on 1/26/25. 2nd plan check submitted on 1/28/25 and returned on 1/29/25. Permit issued 2/14/25. (1/20/26)
C0624-25-01	1738 Paloma Drive	Single Family Home	Application for New Service and plan check fee submitted on 1/24/25. 1st plan check submitted on 1/24/25 and returned on 1/26/25. 2nd plan check submitted on 3/12/25 and returned on 3/13/25. 3rd plan check submitted on 3/14/25 and returned on 3/17/25. Permit issued on 4/10/25. (1/20/26)
C0625-25-01	2274 Newport Boulevard	Commercial (HomeKey)	Application for New Service submitted on 1/28/25 and plan check fee submitted on 1/30/25. 1st plan check submitted on 1/28/25 and returned on 2/15/25. 2nd plan check submitted on 2/24/25 and returned on 2/26/25. 3rd plan check submitted on 3/11/25 and returned on 3/12/25. Permit issued on 4/7/25. (1/20/26)
C0627-25-01	2782 Mendoza Drive	ADU	Application for New Service and plan check fee submitted on 1/29/25. 1st plan check submitted on 2/2/25 and returned on 2/9/25. 2nd plan check submitted on 2/17/25 and returned on 2/17/25. 3rd plan check submitted on 2/26/25 and returned on 2/26/25. Permit issued on 3/12/25. (1/20/26)
C0629-25-01	1540 Superior Avenue	Nine (9) Single Family Homes	Application for New Service and plan check fee submitted on 2/4/25. 1st plan check submitted on 2/5/25 and returned on 2/11/25. 2nd plan check submitted on 2/17/25 and returned on 2/17/25. 3rd Plan check submitted on 6/16/25 and returned on 6/19/25. (1/20/26)
C0630-25-01	1711 and 1719 Pomona Avenue	Eight (8) Single Family Homes	Application for New Service and plan check fee submitted on 2/4/25. 1st plan check submitted on 2/4/25 and returned on 2/11/25. 2nd plan check submitted on 2/17/25 and returned on 2/17/25. 3rd plan check submitted on 6/10/25 and returned on 6/19/25. (1/20/26)
C0631-25-01	485 E. 18th Street	ADU	Application for New Service submitted on 2/5/25 and plan check fee submitted on 1/6/25. 1st plan check submitted on 2/5/25 and returned on 2/12/25. 2nd plan check submitted on 2/18/25 and returned on 2/26/25. Permit issued on 3/13/25. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0633-25-01	2991 Randolph Avenue	Commercial	Application for New Service submitted on 1/29/25 and plan check fee submitted on 2/4/25. 1st plan check submitted on 1/29/25 and returned on 2/12/25. (1/20/26)
C0634-25-01	314 E. 16th Street	One (1) Duplex and Two (2) ADUs	Application for New Service and plan check fee submitted on 2/5/25. 1st plan check submitted on 2/5/25. 2nd plan check submitted on 2/5/25 and returned on 2/26/25. 2nd plan check submitted on 3/6/25 and returned on 3/10/25. Permit issued on 10/28/25. (1/20/26)
C0635-25-01	2210 Raleigh Avenue	ADU	Application for New Service submitted on 12/18/24 and plan check fee submitted on 2/7/25. 1st plan check submitted on 1/27/25 and returned on 2/15/25. 2nd plan check submitted on 2/26/25 and returned on 2/27/25. 3rd plan check submitted on 4/7/25 and returned on 4/13/25. Permit issued on 5/22/25. Precon held on . Service and meter installed on 9/10/25. (1/20/26)
C0637-25-01	308 Vista Baya	Single Family Home	Application for New Service and plan check fee submitted on 2/12/25. 1st plan check submitted on 2/12/25 and returned on 2/15/25. 2nd plan check submitted on 2/19/25 and returned on 2/26/25. Permit issued on 4/7/25. Precon held on 12/22/25. (1/20/26)
C0640-25-01	258 E. 15th Street	Two (2) Single Family Homes	Application for New Service on 2/13/25 and waiting for plan check fee submittal. 1st plan check submitted on 2/13/25 and returned on 2/17/25. 2nd plan check submitted on 3/5/25 and returned on 3/10/25. Permit issued on 3/25/25. (1/20/26)
C0641-25-01	1917 Tustin Avenue	Single Family Home	Application for New Service on 2/18/25 and payment voucher submitted on 2/11/25. 1st plan check submitted on 2/18/25 and returned on 2/27/25. 2nd plan check submitted on 2/28/25 and returned on 3/4/25. 3rd plan check submitted on 3/13/25 and returned on 3/13/25. Permit issued on 4/7/25. (1/20/26)
C0643-25-01	280 Bristol Street	Commercial	Application for New Service on 2/16/25 and payment voucher submitted on 2/18/25. 1st plan check submitted on 3/13/25 and returned 3/13/25. 2nd plan check submitted on 4/25/25 and returned on 4/27/25. Permit issued 5/22/25. Precon held on 7/28/25. Meter installed and backflow tested on 9/10/25. One backflow test failed and is being repaired. (1/20/26)
C0644-25-01	2280 and 2286 Elden Avenue	Two (2) Single Family Homes	Application for New Service on 2/22/25 and payment voucher submitted on 2/24/25. 1st plan check submitted on 2/22/25 and returned on 2/27/25. 2nd plan check submitted on 5/22/25 and returned on 5/25/25. Permit issued on 6/10/25. Precon held on 9/11/25. (1/20/26)
C0647-25-01	290 Walnut Street	ADU	Application for New Service submitted on 2/26/25 and plan check fee submitted on 3/3/25. 1st plan check submitted on 2/26/25 and returned on 3/4/25. 2nd plan check submitted on 3/24/25 and returned on 4/13/25. Permit issued on 7/22/25. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0650-25-01	831 Pine Place	Single Family Home	Application for New Service and plan check fee submitted on 3/6/25. 1st plan check submitted on 3/6/25 and returned on 3/11/25. 2nd plan check submitted on 3/18/25 and returned on 3/23/25. Permit issued on 4/10/25. (1/20/26)
C0651-25-01	1690 Minorca Place	Single Family Home	Application for New Service and plan check fee submitted on 3/12/25. 1st plan check submitted on 3/12/25 and returned on 3/14/25. 2nd plan check submitted on 3/18/25 and returned on 3/23/25. Permit issued on 4/10/25. (1/20/26)
C0652-25-01	1118 Paularino Avenue	ADU	Application for New Service submitted on 3/17/25 and plan check fee submitted on 3/19/25. 1st plan check submitted on 3/10/25 and returned on 3/24/25. 2nd plan check submitted on 3/24/25 and returned on 4/13/25. Permit issued on 5/6/25. (1/20/26)
C0654-25-01	2133 Orange Avenue	ADU	Application for New Service and plan check fee submitted on 3/24/25. 1st plan check submitted on 3/19/25 and returned on 4/13/25. 2nd plan check submitted on 5/1/25 and returned on 5/11/25. Permit issued on 5/27/25. Precon held and meter box only brought to site on 5/27/25. (1/20/26)
C0656-25-01	2390 Colgate Drive	Single Family Home	Application for New Service submitted on 2/19/25 and plan check fee submitted on 3/27/25. 1st plan check submitted on 1/28/25 and returned on 4/13/25. 2nd plan check submitted on 4/15/25 and returned on 4/27/25. 3rd plan check submitted on 4/30/25 and returned on 5/5/25. Permit issued on 6/10/25. (1/20/26)
C0657-25-01	958 Presidio Drive	Single Family Home	Application for New Service submitted on 2/19/25 and plan check fee submitted on 3/27/25. 1st plan check submitted on 2/8/25 and returned on 4/13/25. 2nd plan check submitted on 6/3/25 and returned on 6/8/25. Permit issued on 6/23/25. Precon held on 9/16/25. (1/20/26)
C0659-25-01	456 E. 19th Street	Single Family Home	Application for New Service and plan check fee submitted on 3/31/25. 1st plan check submitted on 3/29/25 and returned on 4/13/25. 2nd plan check submitted on 4/27/25 and returned on 4/27/25. 3rd plan check submitted on 6/20/25 and returned on 6/21/25. Permit issued on 7/16/25. (1/20/26)
C0661-25-01	2929 Harbor Boulevard	Commercial	Application for New Service submitted on 4/8/25 and plan check fee submitted on 4/11/25. 1st plan check submitted on 4/8/25 and returned on 4/25/25. 2nd plan check submitted on 5/12/25 and returned on 5/25/25. Permit issued on 11/3/25 and 60 days to completed (i.e. 1/3/26). (1/20/26)
C0662-25-01	383 W. Wilson Street	Five (5) ADUs	Application for New Service submitted on 4/6/25 and plan check fee submitted on 4/14/25. 1st plan check submitted on 4/6/25 and returned on 4/27/25. 2nd plan check submitted on 5/5/25 and returned on 5/24/25. Permitted issued on 11/20/25. Precon held on 1/20/26. (1/20/26)
C0663-25-01	274 22nd Street	ADU	Application for New Service submitted on 4/13/25 and plan check fee submitted on 4/13/25. 1st plan check submitted on

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			3/8/25 and returned on 4/27/25. Permitted issued on 11/20/25. (1/20/26)
C0664-25-01	183 Rochester Street	ADU	Application for New Service submitted on 4/17/25 and plan check fee submitted on 4/18/25. 1st plan check submitted on 4/17/25 and returned on 4/127/25. 2nd plan check submitted on 4/30/25 and returned on 5/5/25. Permit issued on 5/22/25. (1/20/26)
C0666-25-01	1918 Santa Ana Avenue	Single Family Home	Application for New Service submitted on 4/22/25 and plan check fee submitted on 2/27/25. 1st plan check submitted on 4/23/25 and returned on 4/27/25. 2nd plan check submitted on 5/8/25 and returned on 5/11/25. Permit issued on 5/27/25. (1/20/26)
C0667-25-01	1021 Baker Street	Saint John Baptist Catholic School	Application for New Service and plan check fee submitted on 4/22/25. 1st plan check submitted on 4/22/25 and returned on 5/11/25. Permit issued on 6/13/25. Precon held on 6/16/25. Hot-tap and tapping sleeve inspected on 6/17/25. ProjectTeams meeting held on 7/14/25. Final BF tested on 8/7/25. BacT sampled on 11/18/25. Revised plan check submitted on 12/16/25 and returned on 12/27/25. Fireline/hydrant turned on 12/10/25. (1/20/26)
C0668-25-01	164 E. 19th Street	ADU	Application for New Service and plan check fee submitted on 4/24/25. 1st plan check submitted on 4/19/25 and returned on 4/27/25. 2nd plan check submitted on 5/7/25 and returned on 5/11/25. Permit issued on 5/22/25. Precon held on 5/29/25. Angle stop replaced on 6/2/25. (1/20/26)
C0669-25-01	3040 Killybrooke Lane	Single Family Home	Application for New Service submitted on 4/24/25 and still waiting for plan check fee. 1st plan check submitted on 4/24/25 and returned on 4/27/25. (1/20/26)
C0670-25-01	447 Hamilton Street	Single Family Home	Application for New Service and plan check fee submitted on 4/30/25. 1st plan check submitted on 4/25/25 and returned on 5/11/25. 2nd Plan Check submitted on 8/13/25 and returned on 8/18/25. Permit issued on 8/27/25. (1/20/26)
C0671-25-01	390 Costa Mesa Street	Single Family Home	Application for New Service and plan check fee submitted on 4/30/25. 1st plan check submitted on 4/30/25 and returned on 5/11/25. 2nd plan check submitted on 6/11/25 and returned on 6/19/25. Permit issued on 7/16/25. Precon held on 10/13/25. (1/20/26)
C0674-25-01	253 Hanover Drive	Single Family Home	Application for New Service submitted on 5/1/25 and plan check fee submitted on 5/5/25. 1st plan check submitted on 5/1/25 and returned on 5/11/25. 2nd plan check submitted on 5/21/25 and returned on 5/25/25. 3rd plan check submitted on 5/27/25 and returned on 5/29/25. Permit issued on 7/30/25. (1/20/26)
C0675-25-01	222 Costa Mesa Street	Three (3) ADUs	Application for New Service submitted on 5/5/25 and plan check fee submitted on 5/6/25. 1st plan check submitted on 5/5/25 and returned on 5/11/25. 2nd plan check submitted on 6/6/25 and returned on 6/8/25. 3rd plan check submitted on

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			6/10/25 and returned on 6/18/25. Permit issued on 9/15/25. (1/20/26)
C0677-25-01	716 Center Street	ADU	Application for New Service and plan check fee submitted on 5/8/25. 1st plan check submitted on 5/8/25 and returned on 5/24/25. 2nd plan check submitted on 6/16/25 and returned on 6/19/25. Permit issued on 10/28/25. (1/20/26)
C0679-25-01	1412 Shamrock Lane	ADU	Application for New Service and plan check fee submitted on 5/14/25. 1st plan check submitted on 5/14/25 and returned on 5/25/25. 2nd plan check submitted on 5/28/25 and returned on 5/29/25. 3rd plan check submitted on 6/9/25 and returned 6/11/25. 4th plan check submitted on 6/20/25 and returned on 6/20/25. Permit issued on 7/16/25. (1/20/26)
C0680-25-01	786 Paularino Avenue	Single Family Home	Application for New Service submitted on 4/15/25 and plan check fee submitted on 4/14/25. 1st plan check submitted on 5/20/25 and returned on 5/25/25. 2nd plan check submitted on 5/27/25 and returned 6/9/25. 3rd plan check on 7/24/25 and returned on 8/6/25. Permit issued on 8/18/25. (1/20/26)
C0681-25-01	1400 Bristol Street	Commercial	Application for New Service submitted on 5/15/25 and plan check fee submitted on 5/19/25. 1st plan check submitted on 5/19/25. 2nd plan check submitted on 10/17/25 and returned on 10/26/25. 3rd plan check was never submitted but redlines returned on 11/3/25. 4th plan check submitted on 11/19/25 and returned on 11/20/25. Permit issued on 12/16/25. Precon held on 12/30/25. (1/20/26)
C0684-25-01	2859 Serang Place	Single Family Home	Application for New Service submitted on 5/22/25 and plan check fee submitted on 5/23/25. 1st plan check submitted on 5/19/25 and returned on 5/25/25. 2nd plan check submitted on 5/30/25 and returned on 6/8/25. Permit issued on 10/28/25. (1/20/26)
C0685-25-01	2403 College Drive	Single Family Home	Application for New Service submitted on 5/27/25 and plan check fee submitted on 5/28/25. 1st plan check submitted on 5/28/25 and returned on 6/8/25. 2nd plan check submitted on 6/10/25 and returned on 6/19/25. Permit issued on 7/1/25. (1/20/26)
C0686-25-01	267 23rd Street	ADU	Application for New Service submitted on 5/19/25 and plan check fee submitted on 5/28/25. 1st plan check submitted on 5/27/25 and returned on 6/8/25 then revised on 6/11/25. 2nd plan check submitted on 6/18/25 and returned on 6/19/25. Permit issued on 6/23/25. (1/20/26)
C0688-25-01	3036 Country Club Drive	Single Family Home	Application for New Service submitted on 5/28/25 and plan check fee submitted on 6/3/25. 1st plan check submitted on 5/28/25 and returned on 6/8/25. Permt issued on 7/16/25. (1/20/26)
C0689-25-01	776 W. Wilson Street	Three (3) ADUs	Application for New Service submitted on 6/5/25 and plan check fee submitted on 6/6/25. 1st plan check submitted on 6/5/25 and returned on 6/8/25. Permit issued on 7/30/25. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0690-25-01	877 W. 17th Street	Commercial	Application for New Service submitted on 12/16/24 and plan check fee submitted on 6/6/25. 1st plan check submitted on 6/6/25 and returned on 6/8/25. 2nd plan check submitted on 6/20/25 and returned on 6/28/25. 3rd plan check submitted on 7/1/25 and returned on 7/20/25. Permit issued on 8/21/25. Precon held on 9/30/25. Shutdown for tee-valve on 11/24/25 and 11/25/25. Pipeline installed on 11/26/25. Base compaction and testing done on 12/2/25. (1/20/26)
C0691-25-01	358 Ralcam Place	ADU	Application for New Service and plan check fee submitted on 6/5/25. 1st plan check submitted on 6/4/25 and returned on 6/8/25. Permit issued on 7/30/25. (1/20/26)
C0693-25-01	3082 Ceylon Road	Single Family Home	Application for New Service submitted on 6/12/25 and plan check fee submitted on 6/11/25. 1st plan check submitted on 6/12/25 and returned on 6/19/25. 2nd plan check submitted on 6/23/25 and returned on 6/28/25. Permit issued on 12/29/25.
C0694-25-01	2284 Pomona Avenue	ADU	Application for New Service and plan check fee submitted on 6/12/25. 1st plan check submitted on 6/12/25 and returned on 6/19/25. 2nd paln check submitted on 6/20/25 and returned on 6/28/25. (1/20/26)
C0695-25-01	2307 Windward Lane	Single Family Home	Application for New Service and plan check fee submitted on 6/16/25. 1st plan check submitted on 6/16/25 and returned on 6/19/25. Permit issued on 7/16/25. Precon held on 7/22/25. (1/20/26)
C0701-25-01	3258 Turlock	ADU	Application for New Service submitted on 6/26/25 and plan check fee submitted on 6/20/25. 1st plan check submitted on 6/26/25 and returned on 6/28/25. 2nd plan check submitted on 8/12/25 and returned on 8/17/25. Permit issued on 10/22/25. (1/20/26)
C0702-25-01	416 Hamilton Street	ADU	Application for New Service submitted on 7/1/25 and plan check fee submitted on 7/2/25. 1st plan check submitted on 7/1/25 and returned on 7/6/25. Permit issued on 8/21/25. (1/20/26)
C0703-25-01	2190 Pacific Avenue	ADU	Application for New Service and plan check fee submitted on 6/30/25. 1st plan check submitted on 7/1/25 and returned on 7/6/25. 2nd plan check submitted on 7/10/25 and returned on 7/20/25. 3rd plan check submitted on 7/20/25 and returned on 7/20/25. Permit issued on 8/21/25. (1/20/26)
C0704-25-01	599 Grand Haven Place	ADU	Application for New Service and plan check fee submitted on 7/3/25. 1st plan check submitted on 7/3/25 and returned on 7/15/25. Revised 1st plan check on 7/23/25 and returned on 8/5/25. 2nd plan check submitted on 8/13/25 and returned on 8/18/25. Permit issued on 8/27/25. (1/20/26)
C0705-26-01	670 W. 18th Street	ADU	Application for New Service submitted on 6/19/25 and plan check fee submitted on 7/3/25. 1st plan check submitted on 6/19/25 and returned on 7/15/25. 2nd plan check submitted

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			on 8/5/25 and returned on 8/7/25. Permit issued on 12/26/25. (1/20/26)
C0706-26-01	2208 Miner Street	ADU	Application for New Service and plan check fee submitted on 7/8/25. 1st plan check submitted on 7/8/25 and returned on 7/19/25. 2nd plan check submitted on 9/23/25 and returned on 9/28/25. Permit issued on 11/10/25. (1/20/26)
C0707-26-01	780 W. Wilson Street	Four (4) ADUs	Application for New Service and plan check fee submitted on 7/8/25. 1st plan check submitted on 7/2/25 and returned on 7/19/25. 2nd plan check submitted on 7/29/25 and returned on 8/7/25. Permit issued on 8/18/25. (1/20/26)
C0708-26-01	295 Princeton Drive	Single Family Home	Application for New Service submitted on 7/8/25 and plan check fee submitted on 7/9/25. 1st plan check submitted on 7/8/25 and returned on 7/19/25. Permit issued on 9/15/25. (1/20/26)
C0711-26-01	1837 Wallace Avenue	JADU	Application for New Service submitted on 5/23/25 and plan check fee submitted on 7/14/25. 1st plan check submitted on 5/23/25 and returned on 7/20/25. 2nd plan check submitted on 8/19/25 and returned on 8/28/25. (1/20/26)
C0712-26-01	2206 Windward Place	Single Family Home	Application for New Service submitted on 7/14/25 and plan check fee submitted on 7/17/25. 1st plan check submitted on 7/7/25 and returned on 7/20/25. 2nd plan check submitted on 8/5/25 and returned on 8/7/25. Permit issued on 8/18/25. (1/20/26)
C0713-26-01	1933 Federal Avenue	ADU	Application for New Service submitted on 7/22/25 and plan check fee submitted on 7/22/25. 1st plan check submitted on 7/14/25 and returned on 8/5/25. 2nd plan check submitted on 8/18/25 and returned on 8/19/25. 3rd plan check submitted on 8/20/25 and returned on 8/28/25. Permit issued on 9/8/25. (1/20/26)
C0714-26-01	1953 Federal Ave	ADU	Application for New Service submitted on 7/22/25 and plan check fee submitted on 7/22/25. 1st plan check submitted on 7/14/25 and returned on 8/5/25. 2nd plan check submitted on 8/18/25 and returned on 8/19/25. (1/20/26)
C0715-26-01	960 W. 16th Place	38 Single Family Homes	Application for New Service submitted on 7/24/25 and plan check fee submitted on 7/23/25. 1st plan check submitted on 7/24/25 and returned on 8/6/25. (1/20/26)
C0717-26-01	297 23rd Street	Single Family Home	Application for New Service submitted on 8/6/25 and plan check fee submitted on 7/25/25. 1st plan check submitted on 7/24/25 and returned on 8/6/25. (1/20/26)
C0718-26-01	3057 Killybrooke Lane	ADU	Application for New Service submitted on 8/6/25 and plan check fee submitted on 7/28/25. 1st plan check submitted on 7/28/25 and returned on 8/6/25. Permit issued on 8/18/25. (1/20/26)
C0719-26-01	3089 Bristol Street	Commercial	Application for New Service submitted on 8/6/25 and plan check fee submitted on 7/28/25. 1st plan check submitted on 7/28/25 and returned on 8/6/25. 2nd Plan Check submitted on

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			8/13/25 and returned on 8/14/25. 3rd Plan Check submitted on 8/28/25 and returned on 8/28/25. 4th plan check submitted on 9/1/25 and returned on 9/1/25. 5th plan check received on 9/4/25 and returned on 9/8/25. Permit issued on 9/15/25. (1/20/26)
C0722-26-01	240 Broadway	ADU	Application for New Service submitted on 7/14/25 and plan check fee submitted on 7/14/25. 1st plan check submitted on 7/4/25 and returned on 8/6/25. 2nd plan check submitted on 8/19/25 and returned on 8/28/25. Permit issued on 9/8/25. Precon held on 9/11/25. (1/20/26)
C0723-26-01	891 W. 17th Street	New Commercial Building	Application for New Service and plan check fee submitted on 8/5/25. 1st plan check submitted on 8/11/25 and returned on 8/12/25. 2nd plan check submitted on 9/18/25 and returned on 9/21/25. 3rd plan check submitted on 9/23/25 and returned on 9/28/25. (1/20/26)
C0724-26-01	1915 Orange Avenue	ADU	Application for New Service submitted on 8/5/25 and plan check fee submitted on 8/1/25. 1st plan check submitted on 8/7/25 and returned on 8/8/25. 2nd plan check submitted on 10/8/25 and returned on 10/12/25. Permit issued on 10/28/25. (1/20/26)
C0725-26-01	1526 Placentia Avenue	11 Apartments	Application for New Service and plan check fee submitted on 7/15/25. 1st plan check submitted on 7/15/25 and returned on 8/23/25. 2nd plan check submitted on 11/4/25 and returned on 11/10/25. Permit issued on 11/20/25. (1/20/26)
C0726-26-01	454 Lenwood Circle	Single Family Home	Application for New Service submitted on 7/16/25 and plan check fee submitted on 7/28/25. 1st plan check submitted on 7/16/25 and returned on 8/28/25. 2nd plan check submitted on 11/21/25 and returned on 11/24/25. Permit issued on 12/16/25. (1/20/26)
C0727-26-01	3113 Lincoln Way	ADU	Application for New Service submitted on 8/18/25 and plan check fee submitted on 8/25/25. 1st plan check submitted on 8/18/25 and returned on 8/28/25. 2nd plan check submitted on 8/29/25 and returned on 8/29/25. Permit issued on 9/26/25. (1/20/26)
C0728-26-01	210 Cabrillo Street	Duplex	Application for New Service and plan check fee submitted on 8/18/25. 1st plan check submitted on 8/13/25 and returned on 8/29/25. (1/20/26)
C0729-26-01	2983 Royal Palm Drive	Single Family Home	Application for New Service and plan check fee submitted on 8/25/25. 1st plan check submitted on 8/25/25 and returned on 8/29/25. Permit issued on 9/26/25. (1/20/26)
C0730-26-01	839 Darrell Street	Single Family Home	Application for New Service submitted on 8/25/25 and plan check fee submitted on 8/27/25. 1st plan check submitted on 8/25/25 and returned on 8/29/25. 2nd plan check submitted on 9/10/25 and returned on 9/13/25. 3rd plan check submitted on 9/22/25 and returned on 9/28/25. 4th plan check submitted on 10/10/25 and returned on 10/12/25. Permit issued on 10/22/25. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0731-26-01	615 and 617 Victoria Street	12 ADUs	Application for New Service submitted on 8/28/25 and plan check fee submitted on 8/27/25. 1st plan check submitted on 8/21/25 and returned on 9/4/25. 2nd plan check submitted on 12/2/25 and returned on 12/28/25. 3rd plan check submitted on 1/6/26 and returned on 1/16/26. (1/20/26)
C0732-26-01	3198 Cape Verde Place	Single Family Home	Application for New Service and plan check fee submitted on 8/29/25. 1st plan check submitted on 8/29/25 and returned on 8/31/25. 2nd plan check submitted on 10/21/25 and returned on 11/2/25. 3rd plan check submitted on 12/3/25 and returned on 12/7/25. Permit issued on 1/13/26. (1/20/26)
C0733-26-01	2115 Parsons Street	Single Family Home and ADU	Application for New Service and plan check fee submitted on 9/2/25. 1st plan check submitted on 9/2/25 and returned on 9/7/25. 2nd plan check submitted on 9/15/25 and returned on 9/16/25. 3rd plan check submitted on 9/17/25 and returned on 9/17/25. 4th plan check submitted on 11/3/25 and returned on 11/3/25. Revised 4th plan check submitted on 11/9/25 and returned on 11/11/25. Permit issued on 12/16/25. Precpn held on 1/2/26. (1/20/26)
C0734-26-01	405 E. 19th Street	Single Family Home	Application for New Service submitted on 9/2/25 and plan check fee submitted on 9/3/25. 1st plan check submitted on 9/2/25 and returned on 9/7/25. 2nd Plan Check submitted on 10/19/25 and returned on 10/20/25. Permitted issued on 11/20/25. (1/20/26)
C0736-26-01	304 Flower Street	ADU	Application for New Service and plan check fee submitted on 8/27/25. 1st plan check submitted on 9/12/25 and returned on 9/12/25. 2nd plan check submitted on 9/16/25 and returned on 9/21/25. 3rd plan check submitted on 9/30 and returned on 10/7/25. Permit issued on 12/23/25. (1/20/26)
C0737-26-01	1788 Oriole Drive	Single Family Home	Application for New Service submitted on 9/10/25 and plan check fee submitted on 8/28/25. 1st plan check submitted on 9/10/25 and returned on 9/13/25. 2nd plan check submitted on 10/27/25 and returned on 11/2/25. Permitted issued on 11/20/25. (1/20/26)
C0738-26-01	1651 Baker Street	Single Family Home	Application for New Service and plan check fee submitted on 9/10/25. 1st plan check submitted on 9/24/25 and returned on 9/28/25. 2nd plan check submitted on 10/10/25 and returned on 10/12/25. Permit issued on 10/22/25. (1/20/26)
C0740-26-01	426 Cabrillo Street	Single Family Home	Application for New Service and plan check fee submitted on 9/17/25. 1st plan check submitted on 9/17/25 and returned on 9/18/25. 2nd version submitted on 9/22/25 and returned on 10/15/25. Permitted issued on 11/20/25. (1/20/26)
C0741-26-01	2134 Baker Street	ADU	Application for New Service submitted 9/20/25 and plan check fee submitted on 9/22/25. 1st plan check submitted on 9/22/25 and returned on 9/28/25. 2nd plan check submitted on 10/6/25 and returned on 10/13/25. Permitted issued on 11/20/25. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0742-26-01	1210 Conway Avenue	Single Family Home	Application for New Service submitted 9/11/25 and plan check fee submitted on 9/23/25. 1st plan check submitted on 9/11/25 and returned on 9/28/25. 2nd plan check submitted on 10/23/25 and returned on 11/2/25. Permitted issued on 11/20/25. (1/20/26)
C0743-26-01	1173 Kingston Street	Single Family Home	Application for New Service submitted 9/24/25 and plan check fee submitted on 9/22/25. 1st plan check submitted on 9/24/25 and returned on 9/28/25. 2nd plan check submitted on 10/1/25 and returned on 10/11/25. Permit issued on 10/22/25. (1/20/26)
C0744-26-01	2237 Avalon Street	Single Family Home	Application for New Service and plan check fee submitted on 9/26/25. 1st plan check submitted on 9/26/25 and returned on 9/28/25. 2nd plan check submitted on 11/4/25 and returned on 11/6/25. Permitted issued on 11/20/25. (1/20/26)
C0745-26-01	2429 Littleton Place	Single Family Home	Application for New Service and plan check fee submitted on 9/26/25. 1st plan check submitted on 9/26/25 and returned on 9/28/25. 2nd plan check submitted on 9/30/25 and returned on 10/11/25. Permit issued on 10/22/25. (1/20/26)
C0746-26-01	1585 Minorca Drive	Single Family Home	Application for New Service and plan check fee submitted on 9/29/25. 1st plan check submitted on 9/28/25 and returned on 9/28/25. 2nd plan check submitted on 10/2/25 and returned on 10/11/25. Permit issued on 10/22/25. (1/20/26)
C0747-26-01	482 Abbie Way	Single Family Home	Application for New Service submitted on 9/29/25 and plan check fee submitted on 10/7/25. 1st plan check submitted on 9/29/25 and returned on 10/9/25. 2nd plan check submitted on 11/26/25 and returned on 11/27/25. Permit issued on 12/16/25. (1/20/26)
C0749-26-01	361 Paularino Avenue	Commercial	Application for New Service submitted on 9/9/25 and plan check fee submitted on 9/16/25. 1st plan check submitted on 9/17/25 and returned on 11/2/25. 2nd plan check submitted on 1/14/26 and returned on 1/17/26. (1/20/26)
C0750-26-01	2167 Miner Street	ADU	Application for New Service submitted on 9/30/25 and plan check fee submitted on 10/1/25. 1st plan check submitted on 9/30/25 and returned on 10/11/25. 2nd plan check submitted on 10/16/25 and returned on 10/20/25. 3rd plan check submitted on 11/6/25 and returned on 11/10/25. Permit issued on 12/16/25. (1/20/26)
C0751-26-01	1936 Orange Avenue	Single Family Home	Application for New Service submitted on 10/1/25 and plan check fee submitted on 9/29/25. 1st plan check submitted on 9/29/25 and returned on 10/11/25. (1/20/26)
C0752-26-01	1999 Tustin Avenue	Single Family Home	Application for New Service submitted on 10/3/25 and plan check fee submitted on 10/1/25. 1st plan check submitted on 9/28/25 and returned on 10/11/25. 2nd plan check submitted on 10/29/25 and returned on 11/2/25. Permit issued on 12/23/25. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0753-26-01	3150 Bear Street	142 SFH Development	Application for New Service and plan check fee submitted on 9/25/25. 1st plan check submitted on 9/5/25 and returned on 10/26/25. 2nd plan check submitted on 11/26/25 and returned on 11/27/25. Permit issued on 1/13/26. (1/20/26)
C0754-26-01	1007 Concord Street	ADU	Application for New Service submitted on 10/11/25 and plan check fee submitted on 10/1/25. 1st plan check submitted on 10/2/25 and returned on 10/11/25. 2nd plan check submitted 11/2/25 and returned on 12/7/25. Permit issued on 12/23/25. (1/20/26)
C0755-26-01	2222 Donnie Road	Single Family Home and ADU	Application for New Service and plan check fee submitted on 10/2/25. 1st plan check submitted on 10/2/25 and returned on 10/11/25. 2nd plan check submitted on 11/6/25 and returned on 11/10/25. Permitted issued on 11/20/25. (1/20/26)
C0756-26-01	264 Sherwood Street	Single Family Home	Application for New Service and plan check fee submitted on 10/7/25. 1st plan check submitted on 10/7/25 and returned on 10/11/25. 2nd plan check submitted on 10/23/25 and returned on 11/2/25. Permitted issued on 11/20/25. (1/20/26)
C0758-26-01	770 Hudson Avenue	Single Family Home	Application for New Service and plan check fee submitted on 10/8/25. 1st plan check submitted on 10/9/25 and returned on 10/12/25. 2nd plan check submitted on 10/16/25 and returned 10/20/25. (1/20/26)
C0759-26-01	870 Congress Street	ADU	Application for New Service and plan check fee submitted on 10/9/25. 1st plan check submitted on 10/9/25 and returned on 10/12/25. 2nd plan check submitted on 11/3/25 and returned on 11/3/25. (1/20/26)
C0760-26-01	291 Flower Street	Single Family Home	Application for New Service submitted on 10/8/25 and plan check fee submitted on 10/14/25. 1st plan check submitted on 10/8/25 and returned on 11/2/25. 2nd plan check submitted on 11/24/25 and returned on 11/24/25. (1/20/26)
C0761-26-01	331 Wake Forest Road	Single Family Home	Application for New Service submitted on 11/5/25 and plan check fee to be submitted 10/23/25. 1st plan check submitted on 10/21/25 and returned on 11/10/25. (1/20/26)
C0762-26-01	913 Joann Street	ADU	Application for New Service and plan check fee submitted on 10/24/25. 1st plan check submitted on 10/21/25 and returned on 11/2/25. 2nd plan check submitted on 11/19/25 and returned on 11/24/25. (1/20/26)
C0764-26-01	274 Palmer Street	ADU	Application for New Service and plan check fee submitted on 10/7/25. 1st plan check submitted on 10/22/25 and returned on 11/2/25. 2nd plan check submitted on 11/12/25 and returned on 11/12/25. (1/20/26)
C0765-26-01	657 Ross Street	ADU	Application for New Service submitted on 10/23/25 and plan check fee submitted on 10/22/25. 1st plan check submitted on 10/18/25 and returned on 11/2/25. 2nd plan check submitted on 12/19/25 and returned on 12/27/25. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0766-26-01	3368 California Street	Single Family Home	Application for New Service and plan check fee submitted on 10/24/25. 1st plan check submitted on 10/24/25 and returned on 11/2/25. 2nd plan check submitted on 11/12/25 and returned 11/12/25. Permitted issued on 11/20/25. (1/20/26)
C0768-26-01	1178 Charleston Street	ADU	Application for New Service submitted on 10/27/25 and plan check fee submitted on 10/28/25. 1st plan check submitted on 10/27/25 and returned on 11/2/25. (1/20/26)
C0770-26-01	1661 Texas Circle	ADU	Application for New Service and plan check fee submitted on 10/29/25. 1st plan check submitted on 10/29/25 and returned on 11/2/25. 2nd plan check submitted on 12/3/25 and returned on 12/7/25. Permit issued on 12/29/25. (1/20/26)
C0771-26-01	214 E. 21st Street	ADU	Application for New Service submitted on 10/30/25 and plan check fee submitted on 11/2/25. 1st plan check submitted on 10/30/25 and returned on 11/2/25. (1/20/26)
C0772-26-01	960 Linden Place	Single Family Home	Application for New Service submitted on 11/4/25 and plan check fee submitted on 11/3/25. 1st plan check submitted on 9/27/25 and returned on 11/4/25. Permit issued on 12/16/25. (1/20/26)
C0773-26-01	227 Palmer Street	Two (2) Single Family Homes	Application for New Service and plan check fee submitted on 11/3/25. 1st plan check submitted on 10/27/25 and returned on 11/4/25. 2nd plan check submitted on 11/14/25 and returned on 11/24/25. (1/20/26)
C0774-26-01	930 W. 17th Street	ADU	Application for New Service submitted on 11/3/25 and plan check fee submitted on 11/4/25. 1st plan check submitted on 7/28/25 and returned on 11/4/25. (1/20/26)
C0775-26-01	3064 Royce Lane	ADU	Application for New Service and plan Check fee submitted on 11/12/25. 1st plan check submitted on 11/12/25 and returned on 11/20/26. 2nd plan check submitted on 1/16/26 and retruned on 1/18/26. (1/20/26)
C0776-26-01	1747 Pitcairn Drive	Single Family Home	Application for New Service and plan check fee submitted on 11/19/25. 1st plan check submitted on 11/19/25 and returned on 11/24/25. (1/20/26)
C0777-26-01	398 22nd Street	Single Family Home	Application for New Service submitted on 11/19/25 and plan check fee submitted on 11/20/25. 1st plan check submitted on 11/19/25 and returned on 11/24/25. (1/20/26)
C0778-26-01	3080 Country Club Drive	Single Family Home	Application for New Service and plan check fee submitted on 11/20/25. 1st plan check submitted on 11/20/25 and returned on 11/25/25. (1/20/26)
C0779-26-01	2009 Swan Drive	Single Family Home	Application for New Service and plan check fee submitted on 11/18/25. 1st plan check submitted on 11/19/25 and returned on 11/25/25. 2nd plan check submitted on 11/25/25 and returned 11/25/25. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0780-26-01	1198 Augusta Street	ADU	Application for New Service submitted on 11/24/25 and plan check fee submitted on 12/2/25. 1st plan check submitted on 11/24/25 and returned on 12/2/25. 2nd plan check submitted on 12/16/25 and returned on 12/27/25. 2nd plan check revised and returned on 1/6/26. (1/20/26)
C0781-26-01	274 and 276 E. 15th Street	ADU	Application for New Service submitted on 12/01/25 and plan check fee submitted on 12/02/25. 1st plan check submitted on 12/01/25 and returned on 12/7/25. 2nd plan check submitted on 12/16/25 and returned on 12/27/25. Permit issued on 1/13/26.
C0782-26-01	1982 Tustin Avenue	ADU	Application for New Service and plan check fee submitted on 12/1/25. 1st plan check submitted on 12/1/25 and returned on 12/7/25. (1/20/26)
C0783-26-01	1697 Madagascar Street	Single Family Home	Application for New Service and plan check fee submitted on 12/2/25. 1st plan check submitted on 12/2/25 and returned on 12/7/25. Permit issued on 12/23/25. (1/20/26)
C0784-26-01	2972 Century Place, Building C	Commercial	Application for New Service and plan check fee submitted on 12/3/25. 1st plan check submitted on 12/3/25 and returned on 12/7/25. (1/20/26)
C0785-26-01	2972 Century Place, Building D	Commercial	Application for New Service and plan check fee submitted on 12/3/25. 1st plan check submitted on 12/3/25 and returned on 12/7/25. 2nd plan check submitted on 12/16/25 and returned on 12/27/25. Permit issued on 1/13/26.
C0786-26-01	272 Bucknell Road	Single Family Home	Application for New Service and plan check fee submitted on 11/25/25. 1st plan check submitted on 11/25/25 and returned on 12/7/25. 2nd plan check submitted on 12/12/25 and returned on 12/26/25. (1/20/26)
C0787-26-01	910 Evergreen Place	Single Family Home	Application for New Service and plan check fee submitted on 12/4/25. 1st plan check submitted on 12/1/25 and returned on 12/8/25. 2nd plan check submitted on 1/6/26 and returned on 1/16/26.
C0788-26-01	1818 Samar Drive	Single Family Home	Application for New Service and plan check fee submitted on 11/25/25. 1st plan check submitted on 12/7/25 and returned on 12/12/25. 2nd plan check submitted on 12/31/25 and returned on 1/16/26. (1/20/26)
C0789-26-01	969 Post Road	ADU	Application for New Service submitted on 12/15/25 and plan check fee submitted on 12/11/25. 1st plan check fee to be submitted on 12/9/25 and returned on 12/24/25. Permit issued on 1/13/26. (1/20/26)
C0790-26-01	361 Esther Street	Single Family Home	Application for New Service submitted on 10/30/25 and Plan Check fee submitted on 12/11/25. 1st plan check submitted on 12/11/25 and returned on 12/24/25. (1/20/26)
C0791-26-01	3041 Warren Lane	ADU	Application for New Service and Plan Check fee submitted on 12/11/25. 1st plan check submitted on 12/12/25 and returned

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
			on 12/12/25. 2nd plan check submitted on 12/17/25 and returned on 12/26/25. Permit issued on 1/13/26. (1/20/26)
C0792-26-01	996 Springfield Street	Single Family Home	Application for New Service and completed Plan Check fee submitted on 12/15/25. 1st submittal provided on 12/14/25 and returned on 12/10/25. 2nd submittal provided on 12/17/25 and returned on 12/26/25. Permit issued on 1/13/26. (1/20/26)
C0793-26-01	2563 Columbia Drive	Single Family Home	Application for New Service submitted on 12/12/25. 1st submittal provided on 12/12/25 and returned on 12/12/25. 2nd submittal provided on 12/15/25 and returned on 12/26/25. (1/20/26)
C0794-26-01	934 Governor Street	Single Family Home	Application for New Service submitted on 12/15/25 and plan check fee submitted on 12/11/25. 1st plan check submitted on 12/15/25 and returned on 12/27/25. 2nd plan check submitted on 1/1/26 and returned on 1/2/26. 3rd plan check submitted on 1/6/26 and returned on 1/16/26. (1/20/26)
C0795-26-01	1992 Flamingo Drive	Single Family Home	Application for New Service submitted on 12/16/25. 1st submittal provided on 12/16/25 and returned on 12/16/25. 2nd submittal provided on 12/21/25 and returned on 12/26/25. Permit issued on 1/20/26. (1/20/26)
C0796-26-01	385 E. 15th Street	Single Family Home and ADU	Application for New Service submitted on 12/17/25. 1st submittal provided on 12/19/25 and returned on 12/19/25. 2nd submittal provided on 12/23/25 and returned on 12/27/25. Waiting for payment voucher payment. (1/20/26)
C0797-26-01	995 Cheyenne Street	JADU	Application for New Service submitted on 12/22/25. 1st submittal provided on 12/22/25 and returned on 12/22/25. 2nd submittal provided on 12/26/25 and returned on 12/27/25. Payment received on 1/12/26. Permit issued on 1/13/26. (1/20/26)
C0798-26-01	2937 Bristol Street, #C101	Commercial	Application for New Service submitted on 12/22/25 and plan check payment provided on 1/13/26. 1st submittal provided on 1/14/26 and returned on 1/15/26. (1/20/26)
C0799-26-01	544 Bernard Street	Duplex and ADU	Application for New Service and plan check fee submitted on 12/22/25. 1st submittal provided on 12/22/25 and returned on 12/27/25. 2nd plan check submitted on 1/9/26 and returned on 1/16/26. (1/20/26)
C0800-26-01	2096 Harbor Boulevard	Commercial	Application for New Service and plan check fee submitted on 12/22/25. 1st submittal provided on 12/23/25 and returned on 12/24/25. 2nd submittal provided on 1/15/26 and returned on 1/19/26. (1/20/26)
C0801-26-01	2959 Mindanao Drive	Single Family Home	Application for New Service submitted on 11/6/25. 1st submittal provided on 12/12/25 and returned on 12/12/25. Waiting for plan check payment. (1/20/26)

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PROJECT NUMBER	ADDRESS	TYPE	STATUS UPDATE
C0802-26-01	395 Costa Mesa Street	New Single Family Home and ADU	Application for New Service and Total Fee submitted on 12/30/25. 1st plan check submitted on 12/12/25 and returned on 12/26/25. 2nd plan check submitted on 1/7/26 and returned on 1/16/26. (1/20/26)
C0803-26-01	313 Robinhood Lane	Single Family Home	Application for New Service submitted on 11/6/25. 1st submittal provided on 12/23/25 and returned on 12/23/25. Waiting for plan check payment. (1/20/26)
C0804-26-01	288 E. Bay Street	Single Family Home	Application for New Service submitted on 1/7/26. 1st submittal provided on 1/7/26 and returned on 1/18/26. (1/20/26)
C0805-26-01	2858 Inroz Drive	Single Family Home	Application for New Service submitted on 1/14/26. 1st submittal provided on 1/14/26 and returned on 1/18/26. (1/20/26)
C0806-26-01	782 Hudson Drive	Single Family Home	Application for New Service submitted on 1/14/26. 1st submittal provided on 1/14/26 and returned on 1/18/26. (1/20/26)
C0807-26-01	1697 Placentia Avenue	Commercial	Application for New Service submitted on 1/15/26 and plan check payment submitted on 1/19/26. 1st submittal provided on 1/15/26. (1/20/26)
C0808-26-01	3044 Donnybrook Lane	Single Family Home	Application for New Service submitted on 1/12/26. 1st submittal provided on 1/12/26 and returned on 1/18/26. (1/20/26)
C0809-26-01	470 Broadway	Single Family Home	Application for New Service submitted on 1/16/26. 1st submittal provided on 1/13/26 and returned on 1/18/26. (1/20/26)
C0810-26-01	463 Ogle Street	Single Family Home	Application for New Service submitted on 1/19/26. Waiting for fire department response. 1st submittal provided on 1/19/26. (1/20/26)

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

January 2026

Reservoirs 1 and 2 Pump Station Upgrades Project

File No.: M21-210B2

Description: The Reservoir Upgrades Project has several components to increase the efficiency and reliability of Reservoirs 1 and 2: Chemical storage and feed systems (sodium hypochlorite and aqueous ammonia) to help reduce nitrification issues in the distribution system; Pump replacement and conversion of drivers from gas engines to electrical motors; Upgrades to reservoir electrical service through SCE; Installation of diesel generator systems to power the reservoirs in the event of an emergency; Miscellaneous system rehabilitation and upgrades including electrical gear replacement, pipeline rehabilitation, pipeline modifications, and instrument replacement based on the results of site visits and related analyses; and Slurry Dewatering Pit upgrades located at the Reservoir 1 site.

Status: Following the approval of the recommendations of the Water, Power, and Supply Chain Reliability Assessment, Mesa Water developed a design Scope of Work for the Reservoirs 1 and 2 Upgrades Project. A proposal was solicited from a CIPR on-call design consultant and the project's Preliminary and Final Design was kicked off in May 2021. The consultant delivered a draft version of Technical Memorandum No.1 – Reservoir 1 Site Master Plan and the draft Permit Plan in July 2021. Following Mesa Water's review of TM1 and the Permit Plan, the consultant began work on the Preliminary Design Report. The Preliminary Design Report was delivered in November 2021 and the Preliminary Design Report Workshop was held in September 2021. In March 2023, the Final Bid documents and cost estimate were received and reviewed by staff. After receiving approval for the project's reduced scope, the project team began modifying the Bid Documents. The revised Bid Documents were received in August 2023. Request for Bids were released to the prequalified contractors in August 2023. A job walk was conducted in August 2023 and attended by five prequalified contractors. The bid opening was held in October 2023. Four bids were received. A recommendation for contract time extension negotiation and award was approved November 2023. The contract time extension negotiation to accommodate equipment lead times was completed and Notice to Proceed was provided January 2024. A preconstruction meeting and a site walk with the contractor team were held February 2024. The construction team mobilized at Reservoir 2 in June 2024 and Reservoir 1 in October 2024. The contractor installed and started new mixers in Reservoir 2 in August 2024. At Reservoir 2, the contractor poured and coated the concrete foundation for the Reservoir chemical facility and constructed yard piping and electrical. The chemical tanks were delivered in August 2025 and anchored to the chemical pads. Work is stopped due to the impacts of the contractor-installed pipeline

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break at Reservoir 2 on October 18, 2025. The initial forensic site investigation was completed in November 2025. Testing and repair of the damaged equipment is in process. The Contractor's insurance representatives are scheduled to inspect the damage on January 21, 2026. At Reservoir 1, the contractor has demolished yard structures, excavated for the new Heavy Equipment Port, Slurry Dewatering Pit, Chemical Facility, and Generator Pads. The Slurry Dewatering Pit went into operation in April 2025. After a rain delay, concrete foundations for the Heavy Equipment Port and Chemical Facility were poured in March 2025. The structural steel for the Heavy Equipment Port was received in April 2025, and the building is currently under construction. The building panels were delivered in August 2025. The contractor is coordinating with Southern California Edison for working in the vicinity of its power lines. The Air Quality Management District Permits to Construct and Operate the diesel backup generators were received in March 2025. The generator concrete pads were poured in May 2025. The generators were set on the pads in June 2025. The chemical tanks were delivered in August 2025 and anchored to the chemical pads. The electrical subcontractor is running the electrical conduits. The electrical subcontractor is planning to pour the concrete pads for the main electrical switchgear and generator switchgear in January 2026.

Capital Improvement Program Update

File No.: M24-104

Description: Develop a prioritized 10-year Capital Improvement Program (CIP) for water system improvements, including an updated supply and demand analysis, calibration of the hydraulic model, District-wide asset condition assessment, and development of a roadmap for Asset Management Program implementation.

Status: A contract was awarded to Carollo Engineers (Carollo) in May 2024. Technical Memo (TM) 1 Demands and TM 2 Supply were received in October 2024 and were reviewed by staff ahead of the Workshop on October 21, 2024. Revised TM 1 and TM 2 were received in January 2025. Staff provided pressure logger data and production data for the Hydraulic Model calibration in August 2024. Carollo's team performed asset condition assessment field work in August and September 2024. The Hydraulic Model TM was received in December 2024, and the workshop to review the TM was held on December 17, 2024. Staff provided additional data to the Carollo team to improve the hydraulic model calibration. A workshop to define the Asset Management Software Requirements was held in October 2024. Asset Management Software demonstrations were held in November and December 2024. TM 5

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Regulatory Requirements was received in October 2024 and was reviewed by staff. A workshop to define the asset Consequence of Failure was held in January 2025. TM 3 Transmission Systems Evaluation was received in January 2025 and was reviewed by staff. TM 9 Condition Assessment was received in January 2025 and reviewed by staff. Draft TM 10 CIP was received in March 2025 and was reviewed by staff. The draft TM 7 Asset Management Roadmap was received in April 2025 and was reviewed by staff. A workshop to review TM7 Asset Management Roadmap was held in April 2025. Staff is working to incorporate comments on all TMs following a final review. Presentation to the Board is planned for January 28, 2026.

Local groundwater Supply Improvement Project (Local SIP)

File No.: M24-105

Description: The Local SIP will develop a feasibility study that meets the requirements of the Bureau of Reclamation's (USBR) Feasibility Study Directives and Standards (WTR 11-01) for a brackish groundwater desalination facility. The project is being conducted in partnership and cost sharing with Orange County Water District, City of Huntington Beach and City of Newport Beach.

Status: A contract was awarded to Black & Veatch Corporation (Black & Veatch) in May 2024. The project team has completed the evaluation of aquifer zones and selected the Talbert Gap on which to focus the alternative analysis for the feasibility study. The project team has also completed modeling the potential wellfield locations, developing treatment plant footprints, the Class V level life-cycle cost for the project, and developing the preferred alternative. The Board approved a contract amendment to the Black & Veatch contract for Clean Energy Capital to perform a funding analysis. The draft Feasibility Study was received and a review workshop was held in August 2025. Preliminary comments were received from USBR in September 2025. The final Feasibility Study was submitted to USBR in September 2025. Staff received comments on the final Feasibility Study from USBR in January 2026 and is currently working to resolve comments. Staff and the consultant team have discussed potential next steps, including additional groundwater modeling refinement and subsidence evaluation.

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Interagency Water Transfers (Newport Beach)

File No.: M25-108

Description: Conduct a feasibility study to determine if Mesa Water can reliably serve groundwater to the City of Newport Beach.

Status: A contract was awarded to MKN & Associates (MKN). The draft feasibility study was received in July 2025 and a workshop to review was held in August 2025. MKN presented the results at the September 10, 2025 Board meeting. Staff is coordinating with MKN and the City of Newport Beach to design the connection. Staff is also working with the City of Costa Mesa on the potholing encroachment permit and anticipates potholing activities by February 2026.

Interagency Water Transfers (Huntington Beach)

File No.: M25-101

Description: Conduct a feasibility study to determine if Mesa Water can reliably serve groundwater to the City of Huntington Beach.

Status: A Cooperative Agreement was executed with the City of Huntington Beach in October 2024. Staff received three proposals from qualified consultants in June 2025. The Board awarded a contract to MKN & Associates (MKN) in July 2025. Notice to Proceed was provided in August 2025. A kickoff meeting was held in September 2025, and supply and demand data was collected in October 2025 and as of November 2025, MKN delivered a draft Feasibility Study in December 2025, which has been reviewed by staff from Mesa Water and the City of Huntington Beach. Comments have been provided to the consultant, and MKN is incorporating revisions, including refinement of regulatory considerations and infrastructure assumptions. The project has been introduced to the Department of Drinking Water, and coordination with DDW is ongoing.

Pipeline Integrity Program

File No.: M25-103

Description: Implement Resolution No. 1525 Replacement of Assets.

Status: Since its inception in 2015, the Pipeline Integrity Program has been implemented by staff to use pipeline condition, rather than pipeline age, to prioritize pipeline replacements. The current and previous fiscal year's progress is described in this report. In Fiscal Year (FY) 2024, the Pipeline

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

January 2026

Integrity Program Consultant reviewed mainline break data from FY 2022 and FY 2023 and recommended condition assessment for pipeline groups with break thresholds that exceed the standards of Resolution No. 1525. These recommendations were presented to the Board in September 2023. Based on the recommendations, staff negotiated a proposal for ePulse condition assessment of 2.2 miles of AC pipe. The field work was completed in May 2024 and the report was received in July 2024. The results of the condition assessment were reviewed by the Pipeline Integrity Program Consultant. The consultant's report was received in October 2024 and reviewed by staff. No AC pipelines were recommended in the report. Additionally, Municipal Water District of Orange County (MWDOC) staff performed 100 miles of Leak Detection in May and June 2024. The final leak detection report was received in June 2024 and no mainline leaks were reported. Staff evaluated the feasibility of a condition assessment technology for small diameter metal pipelines, and has requested a proposal from a vendor. The contract for small diameter pipeline condition assessment was approved at the March 12, 2025 Board meeting. The condition assessment was attempted on June 16-17, 2025 but was not successful. Staff sent ten AC pipe samples collected in conjunction with routine work for wall thickness measurement in February 2025. The wall thickness measurements were received in April 2025 and were reviewed by staff and the Pipeline Integrity Program Consultant. No immediate pipeline replacements were suggested by the data. The Consultant's report was received in June 2025 and was reviewed by staff. MWDOC completed 100 miles of Leak Detection in May 2025. No mainline leaks were found. Permanent pressure transient monitoring at the pump stations and other strategic locations was installed in June 2025. Staff is evaluating several AI models to predict mainline breaks and prioritize pipeline replacement. A contract was awarded to HDR to continue as the Pipeline Integrity Program consultant for FY 2026. A kickoff meeting for FY 2026 work was held in September 2025. An update to the Board was presented in October 2025. An updated Replacement of Assets Resolution is planned for the January 28, 2026 Board meeting.

SCADA Needs Assessment

File No.: M26-100

Description: Assess Mesa Water's current Supervisory Control and Data Acquisition system, compile a comprehensive asset list, and define a path forward for modernization and future system improvements.

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

January 2026

Status: Staff developed a draft Scope of Work and incorporated feedback from expert consultants. The Request for Proposal was posted in October 2025 and six proposals were received in November 2025. An information item was provided at the December 2025 Board meeting. A contract was awarded to West Yost at the January 14, 2026 Board meeting. Kickoff is being planned for February 2026.

Mesa Water Education Center Flagpole

File No.: M25-104

Description: Evaluate the most appropriate location and height of the flagpole at the Mesa Water Reliability Facility and then execute the construction of the selected flagpole.

Status: Staff received a draft report regarding the installation of a flagpole at the Mesa Water Education Center in December 2024. Staff reviewed the draft report and presented recommendations at the April 23, 2025 Board meeting. A design proposal was received in November 2025.

Mesa Water Reliability Facility Electric Vehicle Charging Station

File No.: M25-105

Description: Conduct a feasibility study and preliminary cost estimate of constructing electric vehicle (EV) charging stations at the Mesa Water Reliability Facility (MWRF).

Status: Staff is currently working with consulting companies and vendors to develop a feasibility report. Mesa Energy Systems submitted a proposal in January 2026, which staff is reviewing.

Water Quality Call Report

December 2025

Date: 12/1/2025
Source: Phone
Address: 678 W. 19th Street
Description: The customer reported experiencing skin breakouts with large brown spots and is concerned that the water may be a contributing factor.
Outcome: Staff assured the customer that Mesa Water District's water meets all state and federal drinking water standards.

Date: 12/2/2025
Source: Phone
Address: N/A
Description: The customer had several questions regarding the Annual Water Quality Report, as well as water quality sampling, testing and water filters.
Outcome: Staff explained to the customer that Mesa Water does not recommend any specific water treatment devices as the water meets all state and federal drinking standards. Staff provided the customer with the State's Residential Water Treatment Devices webpage.

Date: 12/19/2025
Source: Phone/Visit
Address: 141 E. 16th Street
Description: The customer was concerned over stagnant water turning green after sitting for one day.
Outcome: During the onsite visit, staff observed that the standing water was contained in dirty pots and explained to the customer that residual microorganisms, algae or other contaminants on the containers can promote growth and are not representative of the potable water being served. The customer then expressed concerns that water from a faucet inside the building had a rancid odor, made her feel ill, and requested testing. Upon observation, the water appeared clear and odorless to staff, and the chlorine residual was within the normal range. Staff provided the customer with a list of local state-certified drinking water laboratories and explained that Mesa Water does not conduct special testing at private properties.

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
CAPITAL					
BROWN & CALDWELL	000015786	12/05/25	44585640	YEAR 1 RCA	\$10,790.00
	000015858	12/12/25	4486494	YEAR 1 RCA	\$650.00
	2				\$11,440.00
CAROLLO ENGINEERS	000015916	12/30/25	FB75215	E400-0012	\$12,361.75
	1				\$12,361.75
CREATIVE MAD SYSTEMS, INC. DBA MAD SYSTEMS	000015834	12/12/25	4427	EDUCATION CENTER CLEANING	\$4,997.00
	1				\$4,997.00
HDR ENGINEERING INC	000015924	12/30/25	1200768652	M26-103	\$7,314.25
	1				\$7,314.25
LEE & RO INC	000015836	12/12/25	1272/14	M21-210B2	\$12,652.50
	1				\$12,652.50
MCCI, LLC	000015780	12/05/25	NE26116	ELECTRONIC MANAGEMENT SYSTEM	\$3,994.37
	1				\$3,994.37
MURAKAWA COMMUNICATIONS, INC.	000015762	12/05/25	MESA WATER- 59	M20-109	\$1,650.00
	000015832	12/12/25	MESA WATER - 65	OUTREACH SERVICES	\$1,386.00
	2				\$3,036.00
PAULUS ENGINEERING INC	000015867	12/18/25	24650	M26-003	\$69,865.00
	1				\$69,865.00
SG CREATIVE, LLC	000015823	12/12/25	025	GRAPHIC DESIGN SERVICES	\$480.00
	1				\$480.00
SONSRAY MACHINERY	000015751	12/05/25	SWO080687-3	BACKHOE MAINTENANCE	\$1,312.43
	1				\$1,312.43
SUNBELT RENTALS INC.	000015750	12/05/25	176942551- 0001	EQUIPMENT RENTALS	\$71.65
	000015937	12/30/25	176851810- 0001	RENTAL SERVICES	\$213.82
		12/30/25	176875794- 0003	EQUIPMENT RENTAL SERVICES	\$1,004.54
	2				\$1,290.01
TETRA TECH, INC	000015818	12/12/25	52492725	M26-101	\$13,950.00
		12/12/25	52516357	M26-101	\$25,612.50

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
	1				\$39,562.50
Total CAPITAL	15				\$168,305.81
CHECK SIGNATURE EXEMPT					
SOUTHERN CALIFORNIA EDISON CO	000015804	12/12/25	4089NOV25	4089 10.27.25 - 11.25.25	\$136,265.67
	1				\$136,265.67
SOUTHERN CALIFORNIA GAS CO	000015753	12/05/25	05200799004NOV25	10.20.25 - 11.19.25	\$50.00
		12/05/25	08520813000OCT25	10.22.25 - 11.21.25	\$75.92
		12/05/25	05060829172OCT25	10.24.25 - 11.25.25	\$13,175.41
		12/05/25	08940813002NOV25	10.22.25 - 11.21.25	\$2,258.07
	000015935	12/30/25	05200799004DEC25	11.19.25 - 12.18.25	\$50.00
	2				\$15,609.40
Total CHECK SIGNATURE EXEMPT	3				\$151,875.07
DEPARTMENT EXPENSE					
ACWA JOINT POWERS INSURANCE AUTHORITY	000015793	12/05/25	0000001176	25-26 D&O LIABILITY	\$23,971.00
	000015911	12/30/25	7181JAN26	7181JAN26	\$151.28
	2				\$24,122.28
AMERICAN WATER WORKS ASSOCIATION	000015899	12/18/25	S0276564	Req: 8582	\$111.00
	1				\$111.00
ARMA INTERNATIONAL	000015900	12/18/25	105911	Req: 8601	\$305.00
	1				\$305.00
CA DEPT OF JUSTICE	000015784	12/05/25	002802	FINGERPRINT SERVICES	\$160.00
	1				\$160.00
CALPERS BENEFIT PAYMENTS	000016016	12/08/25	100000018123876	DECEMBER PREMIUM	\$8,183.30
	0207685	12/08/25	100000018123875	CHECK DATED 11.14.25	\$50,011.55
	0207687	12/11/25	120325	CHECK DATE 12.03.25	\$46,102.92
	0207689	12/24/25	100000018134321	UNFUNDED LIAB PEPRA	\$1,451.00
	0207690	12/24/25	100000018134313	UNFUNDED LIAB CLASSIC	\$120,897.75
	5				\$226,646.52

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
CLAIR GLOBAL INTEGRATION LLC	000015918	12/30/25	CD270970000891	LABOR	\$750.00
	1				\$750.00
COLONIAL LIFE & ACCIDENT INS	000015896	12/18/25	88923331214613	12.14.25	\$137.72
	000015919	12/30/25	88923331228480	12.28.25	\$137.72
	2				\$275.44
COSTA MESA CHAMBER OF COMMERCE	000015781	12/05/25	18953	Req: 8520	\$500.00
	1				\$500.00
EMPLOYMENT DEVELOPMENT DEPT	000015779	12/05/25	L1225132080	UNEMPLOYMENT TAX	\$1,653.22
	1				\$1,653.22
Lotus Event Productions	000015764	12/05/25	00000	Req: 8536	\$350.00
	1				\$350.00
SHARON D BRIMER	000015936	12/30/25	12142025	TRANSCRIPTION SERVICES	\$315.00
	1				\$315.00
TASC	000015748	12/05/25	IN3621579	NOVEMBER FEES	\$139.20
	1				\$139.20
ULTIMATE STAFFING SERVICES	000015744	12/05/25	16341304	TEMP LABOR	\$1,312.32
		12/05/25	16343473	TEMP LABOR	\$455.00
		12/05/25	16343474	TEMP LABOR	\$1,640.40
	000015815	12/12/25	16332587	TEMP LABOR	\$840.00
		12/12/25	16345644	TEMP LABOR	\$595.00
	2				\$4,842.72
VISION SERVICE PLAN - (CA)	000015942	12/30/25	824275082	JANUARY COVERAGE	\$1,153.32
	1				\$1,153.32
Total DEPARTMENT EXPENSE		21			\$261,323.70
FINANCIAL OBLIGATIONS					
US BANK	000015945	12/30/25	7831983	MESA WD 2017 COP AND 2017 ESC	\$4,840.00
	1				\$4,840.00
Total FINANCIAL OBLIGATIONS		1			\$4,840.00
GENERAL AND ADMINISTRATIVE					
24 CARROTS CATERING	000015864	12/12/25	137565	CATERING SERVICES	\$1,062.80
	1				\$1,062.80

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
360GT LLC	000015794	12/05/25	469	WEB HOSTING	\$3,300.00
	000015910	12/30/25	471	WEB HOSTING	\$3,300.00
		12/30/25	470	WEB HOSTING	\$3,300.00
	2				\$9,900.00
ADAPTIVEDGE LLC	000015863	12/12/25	10600	CONSULTING SERVICES	\$3,200.00
	1				\$3,200.00
ALBERT RAYMOND EVANGELISTA	000015902	12/18/25	20251211_MWD	PHOTOGRAPHIC SERVICES	\$625.00
	1				\$625.00
AT&T	000015791	12/05/25	000024357382	10.11.25 - 11.10.25	\$305.21
		12/05/25	000024297454	10.1.25 - 10.31.25	\$419.18
	1				\$724.39
AT&T MOBILITY	000015789	12/05/25	287306005081X 111525	11.8.25 - 12.7.25	\$1,351.84
		12/05/25	287295684390X 111625	10.9.25 - 11.8.25	\$480.08
	1				\$1,831.92
ATKINSON, ANDELSON, LOYA, RUUD & ROMO	000015909	12/30/25	771902	ATTORNEY SERVICES	\$54,277.52
	1				\$54,277.52
BLACK & VEATCH	000015738	12/05/25	1482269	M21-210B2	\$49,452.60
	000015913	12/30/25	1484886	M21-210B2	\$36,429.50
	2				\$85,882.10
BLUE VIOLET NETWORKS	000015860	12/12/25	78965	SECURITY SYSTEM SERVICES	\$300.00
	1				\$300.00
BLUECOSMO SATELLITE COMMUNICATIONS	000015787	12/05/25	BU01847846	11.21.25 - 12.20.25	\$123.60
	000015914	12/30/25	BU01855926	12.21.25 - 1.20.26	\$130.58
	2				\$254.18
BOLLAND AND ASSOCIATES	000015859	12/12/25	250310	CONSULTING SERVICES	\$1,250.00
	1				\$1,250.00
BSI AMERICA PROFESSIONAL SERVICES INC.	000015898	12/18/25	110998	SAFETY SUPPORT SERVICES	\$12,032.00
	1				\$12,032.00
BURKE, WILLIAMS & SORENSEN, LLP	000015857	12/12/25	355786	LEGAL REPRESENTATION	\$552.50

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
BURKE, WILLIAMS & SORENSEN, LLP	000015857	12/12/25	355305	LEGAL REPRESENTATION	\$455.00
	1				\$1,007.50
CALIFORNIA ADVOCATES INC.	000015785	12/05/25	25753	STATE ADVOCACY SERVICES	\$7,700.00
	1				\$7,700.00
CANON FINANCIAL SERVICES, INC.	000015856	12/12/25	41808620	PRINTER LEASE	\$2,000.93
		12/12/25	41978168	PRINTER LEASE	\$2,000.93
	000015915	12/30/25	42154831	PRINTER LEASE	\$2,000.93
	2				\$6,002.79
CCS ORANGE COUNTY JANITORIAL INC.	000015783	12/05/25	730332	JANITORIAL SERVICES	\$4,095.00
	000015895	12/18/25	734545	CLEANING SERVICES	\$400.00
	2				\$4,495.00
CITY OF SANTA ANA	000015917	12/30/25	3-5776.303NOV25	10.04.25 - 11.29.25	\$220.68
		12/30/25	6-3614.300NOV25	10.04.25 - 12.18.25	\$421.05
		12/30/25	3-5821.304NOV25	10.04.25 - 11.29.25	\$457.77
	1				\$1,099.50
COASTAL OCCUPATIONAL MEDICAL GROUP DBA AKESO OCCUPATIONAL HEALTH	000015903	12/18/25	EM059737	MEDICAL SERVICES	\$740.00
	1				\$740.00
CORE & MAIN LP	000015782	12/05/25	Y029425	PARTS & SUPPLIES	\$2,308.22
	000015853	12/12/25	Y111381	PARTS & SUPPLIES	\$1,379.20
	2				\$3,687.42
COX CASTLE & NICHOLSON LLP	000015852	12/12/25	622425	LEGAL SERVICES	\$30,000.00
	1				\$30,000.00
DITCH WITCH SOUTHERN CALIFORNIA	000015893	12/18/25	667424	DITCH SERVICES	\$4,527.06
	1				\$4,527.06
EMPLOYEE RELATIONS INC	000015892	12/18/25	100211	BACK GROUND CHECK SERVICES	\$19.19
	1				\$19.19
EMPOWER	0207691	12/05/25	120325 401A	CHECK DATE 12.03.25 401A	\$325.98
	0207692	12/05/25	120325 LOAN	CHECK DATE 12.03.25 LOAN	\$993.70

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
EMPOWER	0207693	12/05/25	120325 MATCH	CHECK DATE 12.03.25 MATCH	\$10,188.67
	0207694	12/05/25	120325 457B	CHECK DATE 12.03.25 457B	\$22,598.71
	0207695	12/19/25	121725 401A	CHECK DATE 12.17.25 401A	\$325.98
	0207696	12/19/25	121725 LOAN	CHECK DATE 12.17.25 LOAN	\$993.70
	0207697	12/19/25	121725 MATCH	CHECK DATE 12.17.25 MATCH	\$159.68
	0207698	12/19/25	121725 MATCH	CHECK DATE 12.17.25 MATCH	\$10,761.18
	0207699	12/19/25	121725 457B	CHECK DATE 12.17.25 457B	\$23,687.14
	9				\$70,034.74
ENTERPRISE FM TRUST	000015848	12/12/25	249517-120325	DEC LEASE	\$75.41
	1				\$75.41
ENTHALPY ANALYTICAL, LLC	000015849	12/12/25	CINV-459696	ANALYTICAL SERVICES	\$10,455.80
	1				\$10,455.80
FIRST RATE LAB, LLC	000015797	12/05/25	CHEQ00099008 663	04515900 Cheque Deposits 04515	\$131.40
	1				\$131.40
FLEETIO	000015844	12/12/25	809538	SUBSCRIPTION	\$12,370.00
	1				\$12,370.00
FRONTIER COMMUNICATIONS	000015921	12/30/25	081794-5DEC25	12.13.25 - 1.12.26	\$102.12
	1				\$102.12
FULL CIRCLE RECYCLING	000015843	12/12/25	31201	RECYCLING SERVICES	\$133.50
	1				\$133.50
GEIGER	000015774	12/05/25	6064977	PROMOTIONAL ITEMS	\$252.06
	000015922	12/30/25	6098889	SUPPLIES & MATERIALS	\$1,256.77
		12/30/25	6099829	MATERIALS & SUPPLIES	\$1,748.41
	2				\$3,257.24
GRAFIX SYSTEMS	000015888	12/18/25	34566	GRAPHIC SERVICES	\$763.32
	1				\$763.32
GREGORY C CLUMPNER	000015841	12/12/25	1	CONSULTING SERVICES	\$7,906.25
	1				\$7,906.25

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
HAZEN AND SAWYER	000015840	12/12/25	0000021	ENGINEERING SUPPORT	\$900.00
	1				\$900.00
INFOSEND INC	000015768	12/05/25	299082	DATA PROCESSING	\$956.81
	000015838	12/12/25	299249	DATA PROCESSING	\$5,630.87
		12/12/25	297313	DIRECT MAILING SERVICES	\$30,232.30
	000015927	12/30/25	300536	DATA PROCESSING	\$708.94
		12/30/25	300754	DATA PROCESSING	\$1,622.68
	3				\$39,151.60
INSIGHT PUBLIC SECTOR	REMIT0000 000000009 56	12/18/25			\$0.00
	1				\$0.00
INTERCOM CLOCK & SIGNAL SERVICE	000015885	12/18/25	40952	LABOR	\$493.00
	1				\$493.00
JASON WEBSTER	000015800	12/05/25	CHEQ00099008 670	01804400 Cheque Deposits 01804	\$105.47
	1				\$105.47
JOHN ROBINSON CONSULTING, INC.	000015767	12/05/25	MW202502-05	PLAN CHECK SERVICES	\$19,470.00
	000015837	12/12/25	MW202502-03	PLAN CHECK SERVICES	\$12,870.00
	2				\$32,340.00
JOSE ROBLES	000015798	12/05/25	CHEQ00099008 668	04911500 Cheque Deposits 04911	\$87.26
	1				\$87.26
KELLY HAYES	000015796	12/05/25	CHEQ00099008 664	05602700 Cheque Deposits 05602	\$29.94
	1				\$29.94
KIA FINANCE	000015766	12/05/25	2315318179DEC 25	VEHICLE LEASE	\$964.30
	1				\$964.30
LA CONSULTING INC	000015884	12/18/25	0015789	AUDIT WORK & SUPPORT	\$9,452.90
	000015908	12/23/25	0015755	PERFORMANCE AUDIT FY24/25	\$1,035.00
	2				\$10,487.90
LEICA GEOSYSTEMS SOLUTION CENTER	000015835	12/12/25	904120661	MARKING PAINT & FLAGS	\$362.11

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
LIEBERT CASSIDY WHITMORE	1				\$362.11
	000015928	12/30/25	311286	LEGAL SERVICES	\$378.00
		12/30/25	311287	LEGAL SERVICES	\$82.00
LIFECOM, INC.	1				\$460.00
	000015929	12/30/25	2108150-IN	REPAIRS & CALIBRATIONS	\$80.00
		12/30/25	2108127-IN	REPAIRS & CALIBRATIONS	\$80.00
		12/30/25	2108128-IN	REPAIRS & CALIBRATIONS	\$80.00
		12/30/25	2108129-IN	REPAIRS & CALIBRATIONS	\$653.73
		12/30/25	2108148-IN	REPAIRS & CALIBRATIONS	\$354.77
		12/30/25	2108149-IN	REPAIRS & CALIBRATIONS	\$80.00
MCFADDEN-DALE INDUSTRIAL HARDWARE, LLC	1				\$1,328.50
	000015930	12/30/25	409943/3	SMALL PARTS & MATERIALS	\$2.25
MESA SMOG	1				\$2.25
	000015883	12/18/25	122025	SMOG SERVICES	\$250.00
MICHAEL GEER	1				\$250.00
	000015801	12/05/25	CHEQ00099008 671	03015901 Cheque Deposits 03015	\$10.08
MICHAEL K. NUNLEY & ASSOCIATES, INC. dba MKN	1				\$10.08
	000015763	12/05/25	2087	M25-108	\$18,671.00
	000015882	12/18/25	2409	M25-101	\$17,108.50
	000015931	12/30/25	2397	M25-108	\$9,108.00
NAPA AUTO PARTS	3				\$44,887.50
	000015881	12/18/25	081857	AUTOMOBILE PARTS	\$70.21
NATURE CARE	1				\$70.21
	000015760	12/05/25	33301	LANDSCAPE MAINTENANCE	\$5,198.00
	000015831	12/12/25	36246	LANDSCAPING SERVICES	\$5,198.00
		12/12/25	34007	SERVICE AGREEMENT	\$32,584.00
NOACK AWARDS & ENGRAVING INC	2				\$42,980.00
	000015880	12/18/25	29912	PROMOTIONAL ITEMS	\$1,231.04

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
NOACK AWARDS & ENGRAVING INC	000015880	12/18/25	29917	PROMOTIONAL ITEMS	\$57.65
	1				\$1,288.69
OCCUPATIONAL HEALTH CENTERS OF CALIFORNIA, A MEDICAL CORP	000015759	12/05/25	88601556	AUDIO AND PFT	\$100.00
	000015829	12/12/25	88680666	AUDIO & PFT	\$372.00
	2				\$472.00
OMEGA ENVIRONMENTAL	000015933	12/30/25	1247425	ENVIRONMENTAL SERVICES	\$20,795.00
	1				\$20,795.00
ORANGE COAST PLUMBING	000015879	12/18/25	474197	PARTS & LABOR	\$649.41
	1				\$649.41
PLANTE & MORAN, PLLC	000015757	12/05/25	10447315	CIS SUPPORT	\$18,611.72
	1				\$18,611.72
PRES TECH EQUIPMENT COPMANY	000015904	12/18/25	INV-001397	PARTS & SUPPLIES	\$1,506.35
	1				\$1,506.35
PRUDENTIAL OVERALL SUPPLY	000015755	12/05/25	63052810	UNIFORM & TEXTILE RENTALS	\$510.49
	000015827	12/12/25	63054043	UNIFORMS & TEXTILE SERVICES	\$510.93
		12/12/25	63055807	UNIFORM & TEXTILE SERVICES	\$518.63
	000015878	12/18/25	63058036	TEXTILE & UNIFORM SERVICES	\$533.33
	3				\$2,073.38
PUBLICPAY LLC	000015934	12/30/25	INV-0026	SALARY SURVEY	\$700.00
		12/30/25	INV-0027	GENERAL SALARY SURVEY	\$700.00
		12/30/25	NV-0028	SALARY SURVEY ADMIN	\$1,600.00
	1				\$3,000.00
QUADIENT FINANCE USA, INC	000015745	12/05/25	80773751OCT25	POSTAGE SERVICES	\$1,008.34
	1				\$1,008.34
QUADIENT LEASING USA, INC	000015833	12/12/25	Q2116138	MAIL METER LEASE	\$860.27
	1				\$860.27
QUINN POWER SYSTEMS	000015826	12/12/25	WO370179480	PREVENTATIVE MAINTENANCE	\$1,749.11
		12/12/25	WO370179485	PREVENTATIVE MAINTENANCE	\$2,487.33
		12/12/25	WO390013268	PREVENTATIVE MAINTENANC	\$3,148.20

Payment Listing by Class

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Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
QUINN POWER SYSTEMS	000015826	12/12/25	WO370179481	PREVENTATIVE MAINTENANCE	\$2,204.79
	1				\$9,589.43
RADEK LOUTOCKY	000015799	12/05/25	CHEQ00099008669	03217000 Cheque Deposits 03217	\$30.95
	1				\$30.95
RED WING BUSINESS ADVANTAGE ACCT	000015754	12/05/25	20251127009986	SAFETY BOOTS	\$400.00
	1				\$400.00
REECE PLUMBING	000015825	12/12/25	S122160206.001	PLUMBING PARTS & SUPPLIES	\$101.41
	1				\$101.41
SAVE OUR YOUTH	000015876	12/18/25	2085	Req: 8580	\$2,500.00
	1				\$2,500.00
SECTRAN SECURITY INC	000015752	12/05/25	2511314	ARMORED CAR SERVICES	\$118.70
		12/05/25	25102517	ARMORED CAR SERVICES	\$19.73
	1				\$138.43
SWRCB	000015866	12/18/25	WS-1054481	Req: 8553	\$99,556.16
		12/18/25	WD-0310683	Req: 8554	\$3,630.00
	1				\$103,186.16
T2 TECHNOLOGY GROUP, LLC	000015865	12/18/25	004117	ASW SUBSCRIPTION	\$12,000.00
		12/18/25	004119	0365 ADDITIONAL STORAGE	\$981.02
		12/18/25	004126	UMB ANNUAL SUB RENEWAL	\$6,700.00
		12/18/25	004128	PROJECT & STORAGE COSTS	\$3,683.00
		12/18/25	004129	LABOR SUPPORT	\$133,858.00
		12/18/25	004130	LABOR SUPPORT	\$19,765.00
		12/18/25	004137	AUVIK NETWORK & MANAGEMENT	\$592.40
		12/18/25	004116	MICROSOFT 365 SUBSCRIPTION	\$4,571.36
		12/18/25	004118	SERVER SECURITY SERVICES	\$83.98
		12/18/25	004125	CORESTACK ONE YEAR	\$211.87
	000015906	12/23/25	004152	AWS SUBSCRIPTION	\$12,000.00

Payment Listing by Class

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Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
T2 TECHNOLOGY GROUP, LLC	000015906	12/23/25	004156	FLEETIO INTEGRATION	\$675.00
		12/23/25	004149	OFFICE 365 SUBSCRIPTION	\$3,823.88
		12/23/25	004150	AUVIK NETWORK	\$608.50
		12/23/25	004157	LABOR SUPPORT	\$112,335.50
		12/23/25	004158	LABOR SUPPORT	\$4,612.50
		12/23/25	004159	POE ENVIRONMENT SENSOR	\$2,342.63
		12/23/25	004153	0365 ADDITIONAL STORAGE	\$1,072.13
		12/23/25	004154	SERVER STANDARD SECURITY	\$86.78
	000015938	12/30/25	T2TEC	GOTO ADD ON	\$7,175.00
3					\$327,178.55
THEODORE ROBINS FORD	000015747	12/05/25	C32078	FLEET MAINTENANCE	\$95.00
		12/05/25	C32089	FLEET MAINTENANCE	\$95.00
		12/05/25	C32097	FLEET MAINTENANCE	\$95.00
		12/05/25	C32076	FLEET MAINTENANCE	\$95.00
		12/05/25	C32077	FLEET MAINTENANCE	\$95.00
		12/05/25	C32079	FLEET MAINTENANCE	\$95.00
		12/05/25	C32082	FLEET MAINTENANCE	\$95.00
		12/05/25	C32083	FLEET MAINTENANCE	\$95.00
		12/05/25	C32074	FLEET MAINTENANCE	\$95.00
		12/05/25	C32084	FLEET MAINTENANCE	\$95.00
		12/05/25	C32091	FLEET MAINTENANCE	\$95.00
		12/05/25	C32094	FLEET MAINTENANCE	\$95.00
		12/05/25	C32095	FLEET MAINTENANCE	\$95.00
		12/05/25	C32101	FLEET MAINTENANCE	\$95.00
		12/05/25	C32101	FLEET MAINTENANCE	\$95.00

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Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
THEODORE ROBINS FORD	000015747	12/05/25	C32075	FLEET MAINTENANCE	\$95.00
		12/05/25	C32088	FLEET MAINTENANCE	\$95.00
		12/05/25	C32085	FLEET MAINTENANCE	\$95.00
		12/05/25	C32090	FLEET MAINTENANCE	\$95.00
		12/05/25	C32098	FLEET MAINTENANCE	\$95.00
	000015875	12/18/25	C32548	FLEET MAINTENANCE	\$937.21
		12/18/25	C32689	FLEET MAINTENANCE	\$3,234.60
		12/18/25	C32786	FLEET MAINTENANCE	\$3,633.15
		12/18/25	C33437	FLEET MAINTENANCE	\$812.50
	2				\$10,422.46
TIME WARNER CABLE	000015746	12/05/25	12019860111012510	10.1.25 - 10.31.25	\$2,451.82
		12/05/25	187895801110125	11.3.25 - 12.2.25	\$369.46
	000015817	12/12/25	188885601111425	11.19.25 - 12.18.25	\$2,248.00
	2				\$5,069.28
ULINE	000015939	12/30/25	201991425	HIGH VISCOSITY PUMP	\$3,463.35
		12/30/25	201958856	PARTS & SUPPLIES	\$3,162.33
	1				\$6,625.68
UNIVERSAL WASTE SYSTEMS, INC	000015742	12/05/25	0004289794	WASTE SERVICES	\$166.21
	1				\$166.21
UNUM	000015873	12/18/25	0420560-0016JAN26	1.1.26 - 1.31.26	\$6,224.31
	1				\$6,224.31
VALERIE ARONSON	000015795	12/05/25	CHEQ00099008665	07215900 Cheque Deposits 07215	\$27.56
	1				\$27.56
VENTURE STRATEGIC INC.	000015813	12/12/25	5112	CONSULTING SERVICES	\$5,000.00
		12/12/25	5095	CONSULTING SERVICES	\$5,000.00

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
	1				\$10,000.00
VERIZON COMMUNICATIONS INC.	000015812	12/12/25	631000080503	DASHCAM SERVICES	\$1,530.41
	1				\$1,530.41
VERIZON WIRELESS	000015811	12/12/25	6128683805	10.17.25 - 11.16.25	\$2,495.94
		12/12/25	6129111145	10.22.25 - 11.21.25	\$1,426.26
	000015941	12/30/25	6131199285	11.17.25 - 12.16.25	\$2,485.33
	2				\$6,407.53
VONAGE HOLDINGS CORPORATION	000015809	12/12/25	2374481	12.1.25 - 12.31.25	\$13,078.40
	1				\$13,078.40
VORTEX INDUSTRIES, INC	000015808	12/12/25	09-2094040	M25-106	\$15,361.57
	1				\$15,361.57
WASTE MANAGEMENT OF OC	000015807	12/12/25	0493939-2884-8	WASTE SERVICES	\$1,951.97
	1				\$1,951.97
WAXIE SANITARY SUPPLY	000015806	12/12/25	83583779	CONSUMABLE PRODUCTS	\$46.16
		12/12/25	835837791	CONSUMABLE PRODUCTS	\$47.54
	1				\$93.70
WESTERN EXTERMINATOR COMPANY	000015740	12/05/25	85426119	EXTERMINATOR SERVICES	\$159.38
		12/05/25	85426118	EXTERMINATOR SERVICES	\$158.94
	000015869	12/18/25	89091562	PEST CONTROL SERVICES	\$158.94
	2				\$477.26
WILSON COFFEE ROASTING INC	000015739	12/05/25	41721	COFFEE	\$125.00
	1				\$125.00
YORKE ENGINEERING, LLC	000015943	12/30/25	47345	AIR QUALITY SUPPORT SERVICES	\$664.00
	1				\$664.00
ZAYO GROUP LLC	000015944	12/30/25	2025110035347	DIRECT CONNECT CIRCUIT	\$2,423.32
	1				\$2,423.32
Total GENERAL AND ADMINISTRATIVE	117				\$1,084,797.02
PROJECT REFUNDS					
JENNIFER HELEN BLOOMFIELD	000015897	12/18/25	C0645-25-01P	Req: 8357	\$778.00
	1				\$778.00

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
Total PROJECT REFUNDS		1			\$778.00
RETIREE CHECKS					
COLEEN L MONTELEONE	000015854	12/12/25	12112025	MONTHLY STIPEND	\$34.00
	1				\$34.00
DIANA LEACH	000015850	12/12/25	12112025	MONTHLY STIPEND	\$268.53
	1				\$268.53
Total RETIREE CHECKS		2			\$302.53
VARIOUS					
AMAZON BUSINESS	000015792	12/05/25	174V-PVWC-QPFT	IT SUPPLIES	\$86.19
		12/05/25	1Y7V-DW3Q-94XC	OFFICE SUPPLIES	\$170.05
		12/05/25	1LDD-36DQ-L41W	OFFICE SUPPLIES	\$89.55
		12/05/25	1T3Y-Q1VJ-9VKC	IT SUPPLIES	\$61.41
		12/05/25	1VV1-W1QQ-YPTC	OFFICE SUPPLIES	\$107.82
		12/05/25	1WXW-LKQH-1D4H	OFFICE SUPPLIES	\$74.66
		12/05/25	1YV7-9N6H-GQNQ	OFFICE SUPPLIES	\$251.31
	000015861	12/12/25	1LJ9-XG9N-3T9R	IT SUPPLIES	\$254.56
		12/12/25	1RRF-MM91-GCL3	OFFICE SUPPLIES	\$32.30
		12/12/25	1W7Q-GTXV-FPDX	Receivings Transaction Entry	\$117.12
		12/12/25	116K-R677-TK4T	OFFICE SUPPLIES	\$25.63
		12/12/25	1LK3-FNJQ-MLD6	OFFICE SUPPLIES	\$9.58
		12/12/25	11PN-K6TK-CQN9	OFFICE SUPPLIES	\$55.99
		12/12/25	1JPC-NQ66-FMFN	OFFICE SUPPLIES	\$13.19
		12/12/25	1LJ9-XG9N-FQHV	OFFICE SUPPLIES	\$101.14
	000015901	12/18/25	1K1J-RNVW-4LD1	OFFICE SUPPLIES	\$106.63
		12/18/25	1LJQ-PHMY-V1L3	OFFICE SUPPLIES	\$135.64
		12/18/25	1QVC-PCV4-7RG4	IT SUPPLIES	\$322.76

Payment Listing by Class

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Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
AMAZON BUSINESS	000015901	12/18/25	13PW-LYVQ-FXWV	OFFICE SUPPLIES	\$137.18
		12/18/25	1WQ6-YRK7-633C	OFFICE SUPPLIES	\$9.99
		12/18/25	14HQ-CRXT-PCXY	OFFICE SUPPLIES	\$31.78
		12/18/25	16N1-6XMG-7M3V	IT SUPPLIES	\$8.83
		12/18/25	1FGC-Y6YF-F3GV	OFFICE SUPPLIES	\$74.14
		12/18/25	1JC3-P79C-J3H1	OFFICE SUPPLIES	\$412.76
		12/18/25	1P3R-KLD7-RJDM	OFFICE SUPPLIES	\$14.88
		12/18/25	1KMJ-G17H-NXXC	OFFICE SUPPLIES	\$47.42
		12/18/25	1L43-HDXL-FTPW	IT SUPPLIES	\$311.29
		12/18/25	1N3Y-RL9D-P9J3	OFFICE SUPPLIES	\$9.65
		12/18/25	1TLT-FLLL-6DLR	IT SUPPLIES	\$485.23
	000015912	12/30/25	1196-T6LK-NCKK	IT SUPPLIES	\$40.99
		12/30/25	1L9Q-NKRV-GCPT	OFFICE SUPPLIES	\$192.78
		12/30/25	1V1C-H796-DPHD	OFFICE SUPPLIES	\$100.85
		12/30/25	1N9V-XCYC-6R4N	IT SUPPLIES	\$39.86
		12/30/25	1QV4-XMYM-Y3Q3	OFFICE SUPPLIES	\$261.02
		12/30/25	1CY3-DR3H-PVPF	OFFICE SUPPLIES	\$25.18
		12/30/25	1DRC-R67P-39LV	IT SUPPLIES	\$16.15
	4				\$4,235.51
AT&T	000015790	12/05/25	3392630779870 9NOV25	33926307798709 NOV SERVICE	\$1,522.24
	1				\$1,522.24
CITADEL ENVIRONMENTAL SERVICES INC	000015855	12/12/25	0039840	EHS ANNUAL AUDIT	\$1,261.41
	1				\$1,261.41
DION & SONS, INC	000015894	12/18/25	853036	FUEL SERVICES	\$10,552.86
		12/18/25	855510	FUEL SERVICES	\$646.82

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Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
DION & SONS, INC	000015894	12/18/25	855543	FUEL SERVICES	\$15,236.61
		12/18/25	855544	FUEL SERVICES	\$3,070.44
		12/18/25	855511	FUEL SERVICES	\$879.84
		12/18/25	855541	FUEL SERVICES	\$1,072.74
		12/18/25	855509	FUEL SERVICES	\$749.05
		12/18/25	855542	FUEL SERVICES	\$1,541.87
	1	\$33,750.23			
EMISSION COMPLIANT CONTROLS CORP	000015778	12/05/25	PS06694	RES 1 ENIGNE MAINTENANCE	\$1,492.50
	000015920	12/30/25	PS06695	M26-210C	\$6,597.50
	2	\$8,090.00			
FEDERAL EXPRESS CORPORATION	000015776	12/05/25	9-707-63007	COURIER SERVICES	\$9.08
		12/05/25	9-057-12129	COURIER SERVICES	\$366.37
		12/05/25	9-066-23268	COURIER SERVICES	\$181.06
	000015846	12/12/25	9-083-44923	COURIER SERVICES	\$721.20
	2	\$1,277.71			
GENERAL PUMP COMPANY	000015868	12/18/25	33019	WELL 9 MOTOR REPLACEMENT	\$49,281.10
	1	\$49,281.10			
GRAINGER	000015772	12/05/25	9722844850	PARTS & SUPPLIES	\$141.12
		12/05/25	9725165790	PARTS & SUPPLIES	\$102.69
	000015842	12/12/25	9726232094	PADLOCKS	\$5,527.58
	000015889	12/18/25	9740609871	MATERIALS AND SUPPLIES	\$508.30
		12/18/25	9740607883	MATERIALS AND SUPPLIES	\$303.86
	3	\$6,583.55			
HACH COMPANY	000015771	12/05/25	14763877	CHEMICAL SUPPLIES	\$120.60
		12/05/25	14765891	CHEMICAL SUPPLIES	\$97.20
	000015887	12/18/25	14751943	CHEMICAL SUPPLIES	\$472.68
		12/18/25	14757798	CHEMICAL SUPPLIES	\$150.74
	000015923	12/30/25	14790947	CHEMICAL SUPPLIES	\$4,823.46
	3	\$5,664.68			
HELPMATES STAFFING SERVICES	000015770	12/05/25	1026155	TEMP LABOR	\$1,312.32
		12/05/25	1026835	TEMP LABOR	\$618.31
		12/05/25	1026836	TEMP LABOR	\$1,640.40

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Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
HELPMATES STAFFING SERVICES	000015839	12/12/25	1025482	TEMP LABOR	\$1,640.40
		12/12/25	1027506	TEMP LABOR	\$984.24
		12/12/25	1027505	TEMP LABOR	\$618.31
	000015886	12/18/25	1028150	TEMP LABOR	\$927.47
		12/18/25	1028151	TEMP LABOR	\$1,640.40
	000015925	12/30/25	1028825	TEMP LABOR	\$483.71
	4				\$9,865.56
NORTHERN SAFETY CO INC	000015758	12/05/25	907070519	SUPPLIES & MATERIALS	\$1,441.70
	1				\$1,441.70
SHERWIN WILLIAMS COMPANY	000015822	12/12/25	4610-7	PAINT SUPPLIES	\$6,536.78
	1				\$6,536.78
SIGN DEPOT	000015821	12/12/25	10960	SIGN SERVICES	\$48.49
	1				\$48.49
SPRYPOINT SERVICES INC	000015819	12/12/25	PS-00735	M25-201	\$9,200.00
	1				\$9,200.00
THE HOME DEPOT COMMERCIAL ACCT	000015769	12/05/25	10.28.25	OCTOBER STATEMENT	\$3,204.51
	1				\$3,204.51
TYCO/ JOHNSON CONTROLS	000015816	12/12/25	41899315	SECURITY SERVICES	\$3,178.61
	1				\$3,178.61
UNITED INTERIORS	000015743	12/05/25	7409	M26-106	\$890.00
		12/05/25	7433	M26-106	\$890.00
	1				\$1,780.00
USA BLUEBOOK	000015872	12/18/25	INV00800481	TOOLS & SUPPLIES	\$4,866.07
	1				\$4,866.07
VFS FIRE & SECURITY SERVICES	000015810	12/12/25	173080	FIRE SPRINKLER REPAIRS	\$770.00
	000015871	12/18/25	176355	SPRINKLER INSPECTIONS	\$500.00
		12/18/25	176356	SPRINKLER INSPECTIONS	\$500.00
	2				\$1,770.00
Total VARIOUS	32				\$153,558.15
WATER SUPPLY					
AIRGAS USA LLC	000015862	12/12/25	5521211194	CYLINDER RENTALS	\$113.34
	1				\$113.34

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Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
CULLIGAN OF SANTA ANA	000015851	12/12/25	2023925	SALT & ANNUAL MAINTENANCE	\$652.61
	1				\$652.61
EUROFINS TESTOIL, INC	000015891	12/18/25	465133	OIL SAMPLES SERVICE	\$431.20
	1				\$431.20
HILL BROTHERS CHEMICAL CO.	000015926	12/30/25	INV13144099	CHEMICAL SUPPLIES	\$1,780.00
	1				\$1,780.00
LINDE INC.	000015756	12/05/25	53592277	CHEMICAL SUPPLIES	\$3,771.25
	1				\$3,771.25
MUNICIPAL WATER DISTRICT OF OC	000015761	12/05/25	3242	OCTOBER INSPECTIONS	\$1,685.90
	000015905	12/18/25	11970	NOVEMBER READINESS TO SERVE	\$8,130.09
		12/18/25	17955	Req: 8560	\$1,350.00
	000015907	12/23/25	17932	E400-0019	\$49,812.00
	3				\$60,977.99
PACIFIC STAR CHEMICAL DBA NORTHSTAR CHEMICAL	000015830	12/12/25	328306	CHEMICAL SUPPLIES	\$4,701.03
		12/12/25	328307	CHEMICAL SUPPLIES	\$6,081.30
		12/12/25	328308	CHEMICAL SUPPLIES	\$1,607.61
		12/12/25	328305	CHEMICAL SUPPLIES	\$7,550.88
	000015932	12/30/25	329399	CHEMICAL SUPPLIES	\$7,307.30
		12/30/25	329400	CHEMICAL SUPPLIES	\$7,445.33
		12/30/25	329398	CHEMICAL SUPPLIES	\$5,277.50
	2				\$39,970.95
Total WATER SUPPLY	10				\$107,697.34
WATER SYSTEM					
BADGER METER INC.	000015788	12/05/25	80219113	CELLULAR ENDPOINT SERVICES	\$2,480.77
	1				\$2,480.77
EWLES MATERIALS INC	000015777	12/05/25	525501	MATERIALS AND SUPPLIES	\$1,050.00
		12/05/25	524954	PAVING SUPPLIES	\$1,400.00
		12/05/25	524880	MATERIALS & SUPPLIES	\$1,400.00
	000015847	12/12/25	522265	MATERIALS & SUPPLIES	\$1,050.00
	000015890	12/18/25	465133	PAVING MATERIALS	\$1,050.00

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Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
FERGUSON WATERWORKS	3				\$5,950.00
	000015775	12/05/25	0065316	PARTS & SUPPLIES	\$9,183.53
		12/05/25	0065320	PARTS & SUPPLIES	\$9,589.75
		12/05/25	0065379	PARTS & SUPPLIES	\$9,589.75
		12/05/25	0065427	PARTS & SUPPLIES	\$1,000.14
	000015845	12/12/25	0065323	MATERIALS & SUPPLIES	\$9,303.17
		12/12/25	0065016	PARTS & MATERIALS	\$362.04
		12/12/25	0065901	PARTS & SUPPLIES	\$1,600.73
		12/12/25	0065765	PARTS & SUPPLIES	\$1,630.34
	2				\$42,259.45
GOLDEN BELL PRODUCTS	000015773	12/05/25	19470	ASPHALT SUPPLIES	\$424.27
LARRY'S BUILDING MATERIALS	1				\$424.27
	000015765	12/05/25	SA-25610	BUILDING MATERIALS	\$45.83
		12/05/25	SA-25785	BUILDING MATERIALS	\$267.33
POLLARD WATER	1				\$313.16
	000015828	12/12/25	0296783	Receivings Transaction Entry	\$475.95
	1				\$475.95
SOUTH COAST A.Q.M.D.	000015824	12/12/25	4603057	ANNUAL FEES RENEWAL	\$1,131.26
		12/12/25	4607351	EMISSION FEES	\$179.46
	1				\$1,310.72
SOUTHERN COUNTIES LUBRICANTS, LLC	000015820	12/12/25	108690	PARTS & SUPPLIES	\$8,954.38
	000015877	12/18/25	109393	LUBRICANTS	\$5,893.88
	2				\$14,848.26
TAMORI DESIGNS	000015749	12/05/25	1693	BUDGET BOOKS	\$2,048.96
UNDERGROUND SERVICE ALERT/SC	1				\$2,048.96
	000015814	12/12/25	25-261771	EXCAVATION SERVICES	\$219.18
		12/12/25	1120250453	EXCAVATION SERVICES	\$590.00
	1				\$809.18
UNITED RENTALS	000015874	12/18/25	256615665-001	PARTS & MATERIALS	\$355.85
	000015940	12/30/25	255575993-001	PARTS & MATERIALS	\$2,149.50
		12/30/25	256677282-001	PARTS & MATERIALS	\$325.28

Payment Listing by Class

12/1/2025 - 12/31/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
VULCAN MATERIALS	2				\$2,830.63
	000015741	12/05/25	5025197	MATERIALS & SUPPLIES	\$726.26
		12/05/25	5050949	MATERIALS & SUPPLIES	\$482.89
		12/05/25	5071521	MATERIALS & SUPPLIES	\$249.27
		12/05/25	5028939	MATERIALS & SUPPLIES	\$257.53
		12/05/25	5050509	MATERIALS & SUPPLIES	\$363.72
	000015870	12/18/25	5251211	PAVING MATERIALS & SUPPLIES	\$961.06
	2				\$3,040.73
Total WATER SYSTEM	18				\$76,792.08
Total Payments (All)	220				\$2,010,269.70



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Calvin Hsu, CPA, Chief Financial Officer
DATE: January 28, 2026
SUBJECT: Monthly Financial Reports

RECOMMENDATION

Receive and file the Monthly Financial Reports.

STRATEGIC PLAN

Goal #3: Be financially responsible and transparent.

PRIOR BOARD ACTION/DISCUSSION

None.

DISCUSSION

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

FINANCIAL IMPACT

None.

ATTACHMENTS

Attachment A: Monthly Treasurer's Status Report on Investments as of 12/31/25
Attachment B: Monthly Treasurer's Status Report on Investments as of 11/30/25

Mesa Water District
Quarterly Treasurer's Report on Investments
As of 12/31/2025



Investments are in compliance with the Investment Policy adopted as Resolution 1575 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	4.03%	1,226.30	0.01%	No Limit	1,226.30	26.40	1,4
Miscellaneous (Petty Cash, Emergency Cash, etc.)	Liquid	1	0.00%	14,000.00	0.09%	N/A	14,000.00	0.00	
US Bank Custody Account									2,5
Negotiable Certificate of Deposit	Various	402	2.54%	1,985,000.00	15.94%	30.00%	1,979,676.70	27,155.31	
US Agency Bonds	Various	181	1.20%	4,096,482.75	38.67%	No Limit	4,069,056.00	32,312.75	
US Treasury Bonds	Various	121	0.74%	494,486.25	3.17%	No Limit	495,157.50	1,250.00	
Sub Total / Average		244	1.29%	6,575,969.00			6,543,890.20	60,718.06	
US Bank Custody Account	Liquid	1	3.38%	1,339,268.12	10.35%	No Limit	1,339,268.12	29,446.57	
Pacific Premier Bank	Liquid	1	1.25%	13,083,885.45	31.77%	No Limit	13,083,885.45	0.00	1,3
Total Average		77	1.49%	\$21,014,348.87	100.00%		\$20,982,270.07	\$90,191.03	

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	0.25%	2.24%	2,583,481.74	2,933,575.75
Pension Trust	0.24%	2.24%	13,919,562.91	16,180,279.16
Benchmark - BAAPX Index			16,503,044.65	19,113,854.91
1 Month -4.50 % 3 Month -3.54 % 1 YEAR 22.82 %				

Sources of Market Value Valuation - Account Statements

LAIF & US Bank

Local Agency Investment Fund (LAIF)

District LAIF includes the funds designated for advances; deposits, working capital cash and monies to pay COP

Weighted Average Return | 1.49 %

Benchmark: 3 Month Treasury Bill - December | 3.68 %

Weighted Average Maturity | 0.20 Years

Days to Maturity | 0.77

Notes

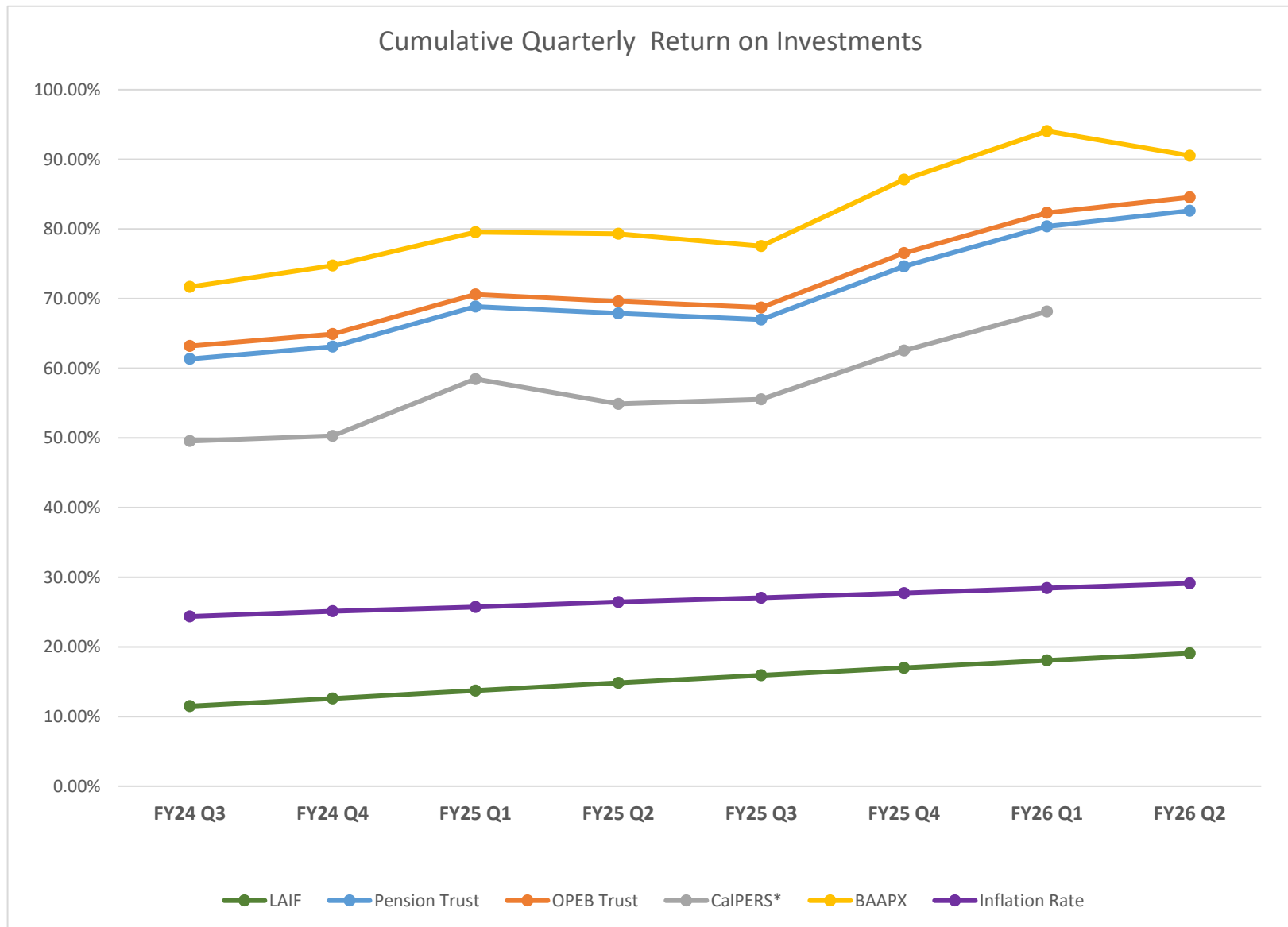
1. The interest or yield shown is for the current month net of fees.
2. The interest rate (Yield to Maturity @Cost) shown is the guaranteed annual interest rate for the term of the investment.
3. The rate shown is the Earnings Credit Rate. These earnings are applied against bank service charges; no actual 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 September *Fair Value Factor is 1.001929581. The yield earned on the Treasurer's Reports does not reflect change in fair market value.
5. US Bank Custody Account general ledger carrying value reflects market value (unrealized gains/losses). The Yield earned does not reflect change in fair market value.

*LAIF 12/31/2025 Fair Value Factor not available at reporting deadline; previous factor reported.

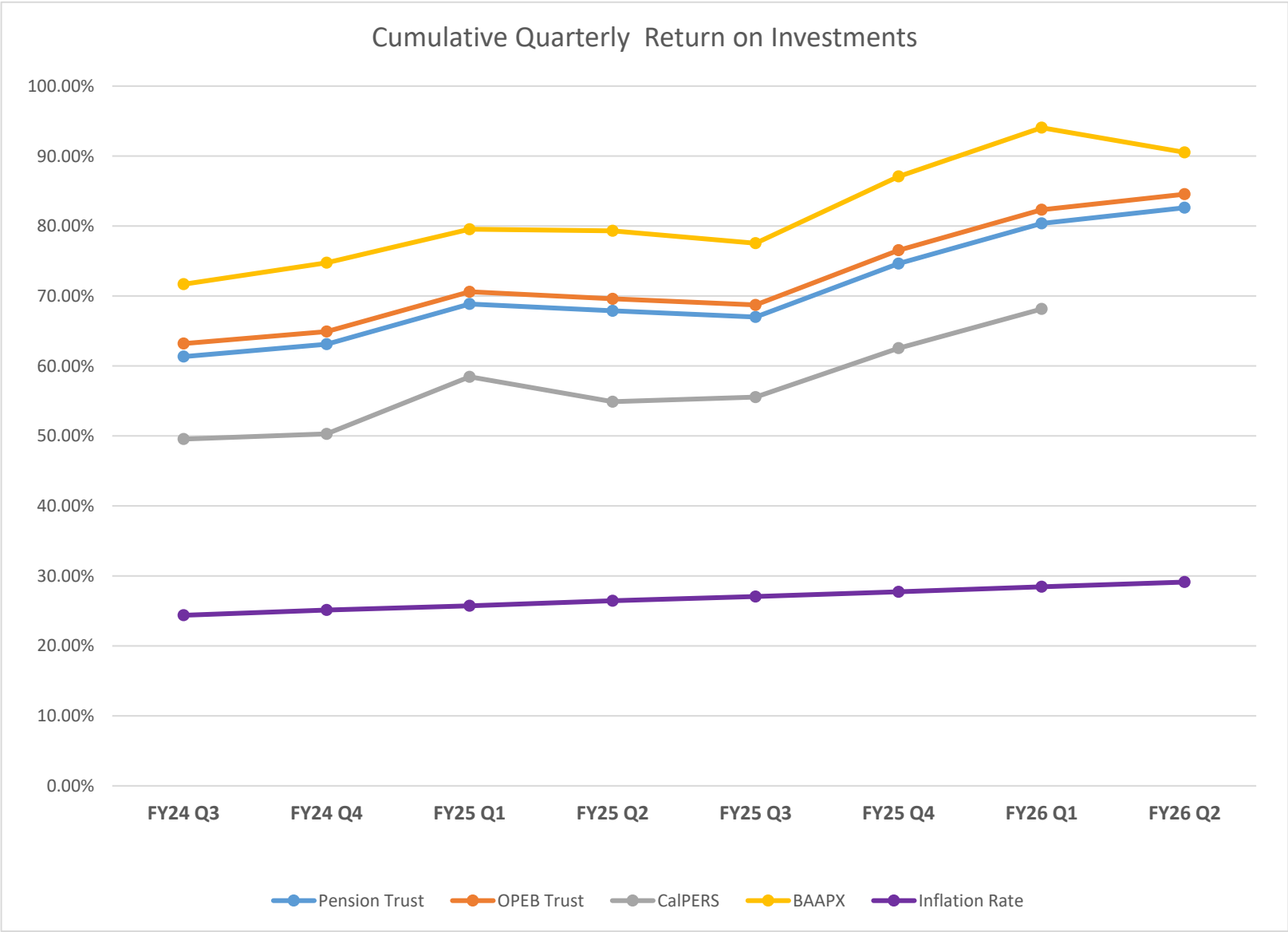
I certify that this report reflects the cash and investments of Mesa Water District and is in conformity with the Government Code requirements and the District Investment Policy/Guidelines in effect at the time of the investment.

Kurt B. Lind

Kurt Lind, Assistant District Treasurer



*** CalPERS FY26 Q2 data was unavailable at time of publishing.**



*** CalPERS FY26 Q2 data was unavailable at time of publishing.**

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: 09/30/2025, End Date: 12/31/2025

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Interest								
Live Oak Banking NC 0.5 2/10/2026	538036NE0	0.000	10/1/2025	2/10/2026	0.00	0.00	102.33	102.33
Evergreen Bank IL 4 12/16/2026	300185LF0	0.000	10/16/2025	12/16/2026	0.00	0.00	818.63	818.63
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	0.000	10/18/2025	12/18/2025	0.00	0.00	122.79	122.79
FHLB 3 4/21/2027-23	3130ARJF9	0.000	10/21/2025	4/21/2027	0.00	0.00	3,750.00	3,750.00
UBS Bank UT 0.95 8/25/2026	90348JS50	0.000	10/25/2025	8/25/2026	0.00	0.00	194.42	194.42
FHLMC 0.8 10/27/2026-21	3134GW4C7	0.000	10/27/2025	10/27/2026	0.00	0.00	1,000.00	1,000.00
FHLMC 0.65 10/27/2025-21	3134GW5R3	0.000	10/27/2025	10/27/2025	0.00	0.00	1,218.75	1,218.75
FHLB 3.125 10/29/2026-24	3130ARUF6	0.000	10/29/2025	10/29/2026	0.00	0.00	3,906.25	3,906.25
FHLMC 0.45 10/29/2025-21	3134GW3J3	0.000	10/29/2025	10/29/2025	0.00	0.00	562.50	562.50
FHLMC 1.03 4/29/2026-22	3130ALZM9	0.000	10/29/2025	4/29/2026	0.00	0.00	1,287.50	1,287.50
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	0.000	10/30/2025	12/30/2027	0.00	0.00	988.60	988.60
LAIF LGIP	LGIP0012	0.000	10/31/2025	N/A	0.00	0.00	13.25	13.25
Signature Federal CR 4.4 1/31/2028	82671DAB3	0.000	10/31/2025	1/31/2028	0.00	0.00	930.51	930.51
US Bank Custodian MM	MM65000	0.000	10/31/2025	N/A	0.00	0.00	2,162.14	2,162.14
Live Oak Banking NC 0.5 2/10/2026	538036NE0	0.000	11/1/2025	2/10/2026	0.00	0.00	105.74	105.74
FNMA 0.54 11/3/2025-22	3135GA2G5	0.000	11/3/2025	11/3/2025	0.00	0.00	1,350.00	1,350.00
Evergreen Bank IL 4 12/16/2026	300185LF0	0.000	11/16/2025	12/16/2026	0.00	0.00	845.92	845.92
Capital One Bank VA 1.1 11/17/2026	14042TDW4	0.000	11/17/2025	11/17/2026	0.00	0.00	1,375.21	1,375.21
FNMA 0.56 11/17/2025-22	3135GA2Z3	0.000	11/17/2025	11/17/2025	0.00	0.00	910.00	910.00
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	0.000	11/18/2025	12/18/2025	0.00	0.00	126.89	126.89
UBS Bank UT 0.95 8/25/2026	90348JS50	0.000	11/25/2025	8/25/2026	0.00	0.00	200.91	200.91
FNMA 0.58 11/25/2025-22	3135GA5E7	0.000	11/25/2025	11/25/2025	0.00	0.00	725.00	725.00
FHLB 0.875 5/26/2026-21	3130AMHB1	0.000	11/26/2025	5/26/2026	0.00	0.00	1,093.75	1,093.75
FFCB 1.46 11/30/2026-23	3133ENFP0	0.000	11/30/2025	11/30/2026	0.00	0.00	1,825.00	1,825.00
Signature Federal CR 4.4 1/31/2028	82671DAB3	0.000	11/30/2025	1/31/2028	0.00	0.00	900.49	900.49
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	0.000	11/30/2025	12/30/2027	0.00	0.00	1,021.56	1,021.56
US Bank Custodian MM	MM65000	0.000	11/30/2025	N/A	0.00	0.00	5,374.90	5,374.90
Live Oak Banking NC 0.5 2/10/2026	538036NE0	0.000	12/1/2025	2/10/2026	0.00	0.00	102.33	102.33
FFCB 0.9 6/15/2026-22	3133EMH21	0.000	12/15/2025	6/15/2026	0.00	0.00	1,125.00	1,125.00
Evergreen Bank IL 4 12/16/2026	300185LF0	0.000	12/16/2025	12/16/2026	0.00	0.00	818.63	818.63
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	0.000	12/18/2025	12/18/2025	0.00	0.00	122.79	122.79
FFCB 0.47 12/22/2025-22	3133EMLC4	0.000	12/22/2025	12/22/2025	0.00	0.00	587.50	587.50

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
UBS Bank UT 0.95 8/25/2026	90348JS50	0.000	12/25/2025	8/25/2026	0.00	0.00	194.42	194.42
JPMorgan Chase OH 0.5 12/29/2025-21	48128UUZ0	0.000	12/29/2025	12/29/2025	0.00	0.00	624.21	624.21
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	0.000	12/30/2025	12/30/2027	0.00	0.00	988.60	988.60
Signature Federal CR 4.4 1/31/2028	82671DAB3	0.000	12/31/2025	1/31/2028	0.00	0.00	930.51	930.51
US Bank Custodian MM	MM65000	0.000	12/31/2025	N/A	0.00	0.00	3,749.40	3,749.40
Sub Total / Average Interest					0.00	0.00	42,156.43	42,156.43
Matured								
FHLMC 0.65 10/27/2025-21	3134GW5R3	0.000	10/27/2025	10/27/2025	375,000.00	375,000.00	0.00	375,000.00
FHLMC 0.45 10/29/2025-21	3134GW3J3	0.000	10/29/2025	10/29/2025	250,000.00	250,000.00	0.00	250,000.00
FNMA 0.54 11/3/2025-22	3135GA2G5	0.000	11/3/2025	11/3/2025	500,000.00	500,000.00	0.00	500,000.00
FNMA 0.56 11/17/2025-22	3135GA2Z3	0.000	11/17/2025	11/17/2025	325,000.00	325,000.00	0.00	325,000.00
FNMA 0.58 11/25/2025-22	3135GA5E7	0.000	11/25/2025	11/25/2025	250,000.00	250,000.00	0.00	250,000.00
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	0.000	12/18/2025	12/18/2025	249,000.00	249,000.00	0.00	249,000.00
FFCB 0.47 12/22/2025-22	3133EMLC4	0.000	12/22/2025	12/22/2025	250,000.00	250,000.00	0.00	250,000.00
JPMorgan Chase OH 0.5 12/29/2025-21	48128UUZ0	0.000	12/29/2025	12/29/2025	249,000.00	249,000.00	0.00	249,000.00
Sub Total / Average Matured					2,448,000.00	2,448,000.00	0.00	2,448,000.00

Mesa Water District
Portfolio Holdings
Compliance Report | Investment Policy - Detail
Report Format: By Transaction
Group By: Asset Category
Average By: Market Value
Portfolio / Report Group: Report Group | Treasurer's Report
As of 12/31/2025

Description	CUSIP/Ticker	Settlement Date	YTM @ Cost	Face Amount/Shares	Cost Value	Market Value	Maturity Date	Days To Maturity	% of Portfolio
01. LAIF Policy - 75M Per Account									
LAIF LGIP	LGIP0012	6/30/2010	4.025	1,226.30	1,226.30	1,226.30	N/A	1	0.01
Sub Total / Average 01. LAIF Policy - 75M Per Account			4.025	1,226.30	1,226.30	1,226.30		1	0.01
03. Miscellaneous Cash (Petty Emergency)									
Miscellaneous Cash	CASH	6/30/2015	0.000	14,000.00	14,000.00	14,000.00	N/A	1	0.07
Sub Total / Average 03. Miscellaneous Cash (Petty Emergency)			0.000	14,000.00	14,000.00	14,000.00		1	0.07
04. Negotiable CD30%									
Live Oak Banking NC 0.5 2/10/2026	538036NE0	2/10/2021	0.500	249,000.00	249,000.00	248,071.23	2/10/2026	41	1.18
Toyota Financial Savings NV 0.95 7/29/2026	89235MLE9	7/29/2021	0.950	248,000.00	248,000.00	244,215.52	7/29/2026	210	1.16
UBS Bank UT 0.95 8/25/2026	90348JS50	8/25/2021	0.950	249,000.00	249,000.00	244,754.55	8/25/2026	237	1.17
Capital One Bank VA 1.1 11/17/2026	14042TDW4	11/17/2021	1.100	248,000.00	248,000.00	242,715.12	11/17/2026	321	1.16
Evergreen Bank IL 4 12/16/2026	300185LF0	12/16/2022	4.000	249,000.00	249,000.00	249,963.63	12/16/2026	350	1.19
Discover Bank3.4 7/6/2027	254673L38	7/6/2022	3.400	245,000.00	245,000.00	244,042.05	7/6/2027	552	1.16
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	12/30/2022	4.850	248,000.00	248,000.00	253,458.48	12/30/2027	729	1.21
Signature Federal CR 4.4 1/31/2028	82671DAB3	1/31/2023	4.400	249,000.00	249,000.00	252,456.12	1/31/2028	761	1.20
Sub Total / Average 04. Negotiable CD30%			2.538	1,985,000.00	1,985,000.00	1,979,676.70		402	9.43
05. US Agency - No Limit									
FFCB 0.45 2/2/2026-23	3133EMPD8	3/2/2021	0.730	300,000.00	295,947.00	299,130.00	2/2/2026	33	1.43
FHLB 0.53 2/10/2026	3130AKWW2	8/19/2021	0.667	310,000.00	308,124.50	308,946.00	2/10/2026	41	1.47
FHLB 0.625 2/24/2026-21	3130AL7M0	3/2/2021	0.749	250,000.00	248,487.50	248,877.50	2/24/2026	55	1.19
FFCB 0.8 3/9/2026-23	3133EMSU7	9/24/2021	0.736	250,000.00	250,702.50	248,705.00	3/9/2026	68	1.19
FHLB 0.6 3/10/2026-21	3130ALFX7	3/10/2021	0.743	250,000.00	248,237.50	248,615.00	3/10/2026	69	1.18
FHLB 0.75 3/16/2026-21	3130ALF33	3/24/2021	0.750	250,000.00	250,000.00	248,567.50	3/16/2026	75	1.18
FHLB 0.85 3/30/2026-21	3130ANY79	11/10/2021	0.950	250,000.00	248,927.50	248,305.00	3/30/2026	89	1.18
FHLMC 1.03 4/29/2026-22	3130ALZM9	4/29/2021	0.906	250,000.00	251,507.75	247,910.00	4/29/2026	119	1.18
FHLB 0.875 5/26/2026-21	3130AMHB1	5/28/2021	0.834	250,000.00	250,500.00	247,287.50	5/26/2026	146	1.18
FFCB 0.9 6/15/2026-22	3133EMH21	6/17/2021	0.834	250,000.00	250,800.00	246,982.50	6/15/2026	166	1.18

Description	CUSIP/Ticker	Settlement Date	YTM @ Cost	Face Amount/Shares	Cost Value	Market Value	Maturity Date	Days To Maturity	% of Portfolio
FFCB 0.94 9/28/2026-22	3133EM6E7	9/28/2021	0.869	250,000.00	250,862.50	245,210.00	9/28/2026	271	1.17
FHLMC 0.8 10/27/2026-21	3134GW4C7	11/10/2021	1.065	250,000.00	246,800.00	244,392.50	10/27/2026	300	1.16
FHLB 3.125 10/29/2026-24	3130ARUF6	5/12/2022	3.125	250,000.00	250,000.00	249,000.00	10/29/2026	302	1.19
FFCB 1.46 11/30/2026-23	3133ENFP0	11/30/2021	1.320	250,000.00	251,687.50	245,337.50	11/30/2026	334	1.17
FFCB 1.68 3/10/2027	3133ENRD4	3/17/2022	2.200	250,000.00	243,898.50	244,645.00	3/10/2027	434	1.17
FHLB 3 4/21/2027-23	3130ARJF9	4/21/2022	3.000	250,000.00	250,000.00	247,145.00	4/21/2027	476	1.18
Sub Total / Average 05. US Agency - No Limit			1.203	4,110,000.00	4,096,482.75	4,069,056.00		181	19.39
06. US Treasury - No Limit									
T-Note 0.375 1/31/2026	91282CBH3	4/29/2021	0.720	250,000.00	245,973.50	249,350.00	1/31/2026	31	1.19
T-Note 0.625 7/31/2026	91282CCP4	9/24/2021	0.750	250,000.00	248,512.75	245,807.50	7/31/2026	212	1.17
Sub Total / Average 06. US Treasury - No Limit			0.735	500,000.00	494,486.25	495,157.50		121	2.36
07. US Bank MM Custody Policy 50%									
US Bank Custodian MM	MM65000	7/31/2020	3.380	1,339,268.12	1,339,268.12	1,339,268.12	N/A	1	6.38
Sub Total / Average 07. US Bank MM Custody Policy 50%			3.380	1,339,268.12	1,339,268.12	1,339,268.12		1	6.38
09. Pacific Premier Bank Policy - n/a									
Pacific Premier Bank Checking Cash	MM0831	5/28/2020	1.250	13,083,885.45	13,083,885.45	13,083,885.45	N/A	1	62.36
Sub Total / Average 09. Pacific Premier Bank Policy - n/a			1.250	13,083,885.45	13,083,885.45	13,083,885.45		1	62.36
Total / Average			1.485	21,033,379.87	21,014,348.87	20,982,270.07		77	100

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 12/31/2025

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS OPEB Trust					
Baird Aggregate Bond Fund	057071854	Mutual Fund	16,090.08	155,745.84	159,935.40
Cohen & Steers Instl Realty	19247U106	Mutual Fund	2,016.39	103,717.00	96,584.84
Columbia Contrarian Fund	19766M709	Mutual Fund	8,461.51	278,825.03	338,120.91
Columbia Small Cap Growth Inst3	19765Y340	Mutual Fund	511.03	14,244.08	17,610.02
Dodge Cox Income	256210105	Mutual Fund	8,296.89	104,337.53	106,614.86
Emerald Growth	317609253	Mutual Fund	512.71	12,474.61	15,427.30
Fidelity Emerging Markets	316146331	Mutual Fund	10,096.93	123,174.69	138,126.00
Fidelity International	315911727	Mutual Fund	2,976.92	151,850.34	180,996.55
Goldman Sachs	38147N269	Mutual Fund	3,011.61	65,891.64	67,640.74
iShares Core US Aggregate	464287226	Mutual Fund	1,326.00	129,352.87	132,440.88
Lazard CI List Infrastructure	52106N459	Mutual Fund	2,922.03	48,768.32	53,093.41
MFS International	552746356	Mutual Fund	1,221.70	48,807.59	58,006.14
Nyli Cbre Global Infrastructure	56064L280	Mutual Fund	3,526.60	49,818.61	52,193.79
Nyli MacKay	56063N881	Mutual Fund	5,392.46	27,742.26	28,040.88
PGIM Total Return Bond	74440B884	Mutual Fund	8,560.28	103,340.00	104,263.90
Pimco Rae US	72202L421	Mutual Fund	3,461.37	41,681.69	40,255.73
Putnam Core Equity Fund Y	74676P839	Mutual Fund	3,018.47	131,507.84	148,870.80
Schwab US Large Cap EFT	808524201	Mutual Fund	38,328.00	828,847.88	1,031,406.48
US Bank PARS OPEB Trust MM	MM4900	Money Market	101,252.92	101,252.92	101,252.92
Voya	92913L569	Mutual Fund	7,076.09	62,101.00	62,694.20
Sub Total / Average PARS OPEB Trust			228,059.99	2,583,481.74	2,933,575.75
Total / Average			228,059.99	2,583,481.74	2,933,575.75

Mesa Water District
Transactions Summary
Quarterly Treasurer's Status Report - Investment Activity
Group By: Action
Portfolio / Report Group: PARS OPEB Trust
Begin Date: 09/30/2025, End Date: 12/31/2025

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
Baird Aggregate Bond Fund	057071854	0.000	10/27/2025	N/A	52.01	522.65	0.00	522.65
Voya	92913L569	0.000	10/31/2025	N/A	27.86	247.64	0.00	247.64
Nyli MacKay	56063N881	0.000	10/31/2025	N/A	29.08	151.19	0.00	151.19
PGIM Total Return Bond	74440B884	0.000	10/31/2025	N/A	32.60	397.98	0.00	397.98
Baird Aggregate Bond Fund	057071854	0.000	11/25/2025	N/A	53.48	535.84	0.00	535.84
Goldman Sachs GQG Partners	38147N293	0.000	11/25/2025	N/A	14.461	334.05	0.00	334.05
Nyli MacKay	56063N881	0.000	11/28/2025	N/A	27.75	144.02	0.00	144.02
PGIM Total Return Bond	74440B884	0.000	11/28/2025	N/A	31.25	382.78	0.00	382.78
Voya	92913L569	0.000	11/30/2025	N/A	26.98	240.70	0.00	240.70
Voya	92913L569	0.000	12/1/2025	N/A	28.19	249.77	0.00	249.77
PGIM Total Return Bond	74440B884	0.000	12/1/2025	N/A	32.77	399.13	0.00	399.13
Putnam Core Equity Fund Y	74676P839	0.000	12/1/2025	N/A	80.783	4,005.23	0.00	4,005.23
Pimco Rae US	72202L421	0.000	12/2/2025	N/A	3,322.26	40,000.00	0.00	40,000.00
Goldman Sachs	38147N269	0.000	12/5/2025	N/A	14.467	334.05	0.00	334.05
Columbia Small Cap Growth Inst3	19765Y340	0.000	12/8/2025	N/A	23.14	817.41	0.00	817.41
Cohen & Steers Instl Realty	19247U106	0.000	12/8/2025	N/A	14.90	716.53	0.00	716.53
Columbia Contrarian Fund	19766M709	0.000	12/10/2025	N/A	576.30	22,908.03	0.00	22,908.03
Goldman Sachs	38147N269	0.000	12/12/2025	N/A	72.97	1,656.41	0.00	1,656.41
Pimco Rae US	72202L421	0.000	12/12/2025	N/A	99.98	1,218.80	0.00	1,218.80
Fidelity Emerging Markets	316146331	0.000	12/12/2025	N/A	237.63	3,174.69	0.00	3,174.69
MFS International	552746356	0.000	12/17/2025	N/A	65.65	3,088.95	0.00	3,088.95
Goldman Sachs	38147N269	0.000	12/18/2025	N/A	76.35	1,691.88	0.00	1,691.88
Nyli MacKay	56063N881	0.000	12/18/2025	N/A	30.82	159.35	0.00	159.35
Lazard CI List Infrastructure	52106N459	0.000	12/19/2025	N/A	28.58	515.26	0.00	515.26
Fidelity International	315911727	0.000	12/19/2025	N/A	91.69	5,530.96	0.00	5,530.96
Nyli Cbre Global Infrastructure	56064L280	0.000	12/22/2025	N/A	13.46	198.25	0.00	198.25
Pimco Rae US	72202L421	0.000	12/26/2025	N/A	39.13	462.89	0.00	462.89
Baird Aggregate Bond Fund	057071854	0.000	12/29/2025	N/A	88.09	877.39	0.00	877.39
Sub Total / Average Buy					5,232.631	90,961.83	0.00	90,961.83
Dividend								
iShares Core US Aggregate	464287226	0.000	10/6/2025	N/A	0.00	0.00	431.25	431.25

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Baird Aggregate Bond Fund	057071854	0.000	10/27/2025	N/A	0.00	0.00	522.65	522.65
Voya	92913L569	0.000	10/31/2025	N/A	0.00	0.00	247.64	247.64
Nyli MacKay	56063N881	0.000	10/31/2025	N/A	0.00	0.00	151.19	151.19
PGIM Total Return Bond	74440B884	0.000	10/31/2025	N/A	0.00	0.00	397.98	397.98
Baird Aggregate Bond Fund	057071854	0.000	11/25/2025	N/A	0.00	0.00	535.84	535.84
Nyli MacKay	56063N881	0.000	11/28/2025	N/A	0.00	0.00	144.02	144.02
PGIM Total Return Bond	74440B884	0.000	11/28/2025	N/A	0.00	0.00	382.78	382.78
Voya	92913L569	0.000	11/30/2025	N/A	0.00	0.00	240.70	240.70
Voya	92913L569	0.000	12/1/2025	N/A	0.00	0.00	249.77	249.77
PGIM Total Return Bond	74440B884	0.000	12/1/2025	N/A	0.00	0.00	399.13	399.13
iShares Core US Aggregate	464287226	0.000	12/4/2025	N/A	0.00	0.00	432.77	432.77
iShares Core US Aggregate	464287226	0.000	12/4/2025	N/A	0.00	0.00	442.90	442.90
Columbia Small Cap Growth Inst3	19765Y340	0.000	12/5/2025	N/A	0.00	0.00	468.93	468.93
Columbia Small Cap Growth Inst3	19765Y340	0.000	12/5/2025	N/A	0.00	0.00	348.48	348.48
Cohen & Steers Instl Realty	19247U106	0.000	12/8/2025	N/A	0.00	0.00	716.53	716.53
Columbia Contrarian Fund	19766M709	0.000	12/9/2025	N/A	0.00	0.00	19,999.74	19,999.74
Columbia Contrarian Fund	19766M709	0.000	12/9/2025	N/A	0.00	0.00	1,503.15	1,503.15
Columbia Contrarian Fund	19766M709	0.000	12/10/2025	N/A	0.00	0.00	1,405.14	1,405.14
Goldman Sachs	38147N269	0.000	12/11/2025	N/A	0.00	0.00	1,656.41	1,656.41
Pimco Rae US	72202L421	0.000	12/11/2025	N/A	0.00	0.00	18.87	18.87
Pimco Rae US	72202L421	0.000	12/11/2025	N/A	0.00	0.00	1,199.93	1,199.93
Fidelity Emerging Markets	316146331	0.000	12/12/2025	N/A	0.00	0.00	3,174.69	3,174.69
Schwab US Large Cap EFT	808524201	0.000	12/15/2025	N/A	0.00	0.00	3,089.24	3,089.24
MFS International	552746356	0.000	12/16/2025	N/A	0.00	0.00	157.60	157.60
MFS International	552746356	0.000	12/16/2025	N/A	0.00	0.00	2,337.68	2,337.68
Emerald Growth	317609253	0.000	12/17/2025	N/A	0.00	0.00	615.37	615.37
MFS International	552746356	0.000	12/17/2025	N/A	0.00	0.00	593.67	593.67
Goldman Sachs	38147N269	0.000	12/18/2025	N/A	0.00	0.00	1,691.88	1,691.88
Nyli MacKay	56063N881	0.000	12/18/2025	N/A	0.00	0.00	159.35	159.35
Dodge Cox Income	256210105	0.000	12/19/2025	N/A	0.00	0.00	1,117.59	1,117.59
Lazard CI List Infrastructure	52106N459	0.000	12/19/2025	N/A	0.00	0.00	515.26	515.26
Fidelity International	315911727	0.000	12/19/2025	N/A	0.00	0.00	5,530.96	5,530.96
Nyli Cbre Global Infrastructure	56064L280	0.000	12/22/2025	N/A	0.00	0.00	198.25	198.25
Putnam Core Equity Fund Y	74676P839	0.000	12/22/2025	N/A	0.00	0.00	1,032.30	1,032.30
Putnam Core Equity Fund Y	74676P839	0.000	12/22/2025	N/A	0.00	0.00	1,367.49	1,367.49
Putnam Core Equity Fund Y	74676P839	0.000	12/23/2025	N/A	0.00	0.00	1,605.44	1,605.44
Pimco Rae US	72202L421	0.000	12/26/2025	N/A	0.00	0.00	462.89	462.89
Baird Aggregate Bond Fund	057071854	0.000	12/29/2025	N/A	0.00	0.00	877.39	877.39
Sub Total / Average Dividend					0.00	0.00	56,422.85	56,422.85

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Interest								
US Bank PARS OPEB Trust MM	MM4900	0.000	10/31/2025	N/A	0.00	0.00	310.02	310.02
US Bank PARS OPEB Trust MM	MM4900	0.000	11/30/2025	N/A	0.00	0.00	323.93	323.93
US Bank PARS OPEB Trust MM	MM4900	0.000	12/31/2025	N/A	0.00	0.00	300.21	300.21
Sub Total / Average Interest					0.00	0.00	934.16	934.16
Sell								
Undiscovered	904504479	0.000	12/2/2025	N/A	7.19	606.54	0.00	606.54
Undiscovered	904504479	0.000	12/2/2025	N/A	9.532	804.11	0.00	804.11
Undiscovered	904504479	0.000	12/2/2025	N/A	10.102	852.20	0.00	852.20
Undiscovered	904504479	0.000	12/2/2025	N/A	10.331	871.52	0.00	871.52
Undiscovered	904504479	0.000	12/2/2025	N/A	11.922	1,005.73	0.00	1,005.73
Undiscovered	904504479	0.000	12/2/2025	N/A	15.584	1,314.66	0.00	1,314.66
Undiscovered	904504479	0.000	12/2/2025	N/A	24.317	2,051.37	0.00	2,051.37
Undiscovered	904504479	0.000	12/2/2025	N/A	27.617	2,329.75	0.00	2,329.75
Undiscovered	904504479	0.000	12/2/2025	N/A	28.163	2,375.81	0.00	2,375.81
Undiscovered	904504479	0.000	12/2/2025	N/A	30.709	2,590.59	0.00	2,590.59
Undiscovered	904504479	0.000	12/2/2025	N/A	32.764	2,763.95	0.00	2,763.95
Undiscovered	904504479	0.000	12/2/2025	N/A	35.764	3,017.03	0.00	3,017.03
Undiscovered	904504479	0.000	12/2/2025	N/A	36.373	3,068.40	0.00	3,068.40
Undiscovered	904504479	0.000	12/2/2025	N/A	44.67	3,768.33	0.00	3,768.33
Undiscovered	904504479	0.000	12/2/2025	N/A	52.332	4,414.69	0.00	4,414.69
Undiscovered	904504479	0.000	12/2/2025	N/A	54.31	4,581.56	0.00	4,581.56
Undiscovered	904504479	0.000	12/2/2025	N/A	82.547	6,963.61	0.00	6,963.61
Goldman Sachs GQG Partners	38147N293	0.000	12/5/2025	N/A	14.461	334.05	0.00	334.05
Sub Total / Average Sell					528.688	43,713.90	0.00	43,713.90

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 12/31/2025

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS Pension Trust					
Baird Aggregate Bond Fund	057071854	Mutual Fund	89,932.62	870,658.03	893,930.28
Cohen & Steers Instl Realty	19247U106	Mutual Fund	12,568.23	645,104.42	602,018.65
Columbia Contrarian Fund	19766M709	Mutual Fund	45,693.96	1,530,613.98	1,825,930.05
Columbia Small Cap Growth Inst3	19765Y340	Mutual Fund	3,062.16	85,353.28	105,521.86
Dodge Cox Income	256210105	Mutual Fund	45,822.65	576,437.57	588,821.09
Emerald Growth	317609253	Mutual Fund	3,072.33	74,930.62	92,446.36
Fidelity Emerging Markets	316146331	Mutual Fund	56,384.81	687,728.62	771,344.18
Fidelity International	315911727	Mutual Fund	16,268.93	824,923.74	989,151.32
Goldman Sachs	38147N269	Mutual Fund	16,297.48	356,409.01	366,041.48
iShares Core US Aggregate	464287226	Mutual Fund	7,345.00	716,553.22	733,618.60
Lazard CI List Infrastructure	52106N459	Mutual Fund	16,463.70	274,770.88	299,145.24
MFS International	552746356	Mutual Fund	6,483.37	245,230.72	307,829.96
Nyli Cbre Global Infrastructure	56064L280	Mutual Fund	19,715.99	258,750.20	291,796.61
Nyli MacKay	56063N881	Mutual Fund	34,568.57	177,842.57	179,756.56
PGIM Total Return Bond	74440B884	Mutual Fund	46,094.92	562,993.15	561,436.00
Pimco Rae US	72202L421	Mutual Fund	18,777.94	226,123.20	218,387.46
Putnam Core Equity Fund Y	74676P839	Mutual Fund	16,024.32	699,250.84	790,319.62
Schwab US Large Cap EFT	808524201	Mutual Fund	212,822.00	4,272,756.07	5,727,040.02
US Bank PARS Pension Trust MM	MM4901	Money Market	501,711.99	501,711.99	501,711.99
Voya	92913L569	Mutual Fund	37,701.12	331,420.80	334,031.83
Sub Total / Average PARS Pension Trust			1,206,812.09	13,919,562.91	16,180,279.16
Total / Average			1,206,812.09	13,919,562.91	16,180,279.16

Mesa Water District
Transactions Summary
Quarterly Treasurer's Status Report - Investment Activity
Group By: Action
Portfolio / Report Group: PARS Pension Trust
Begin Date: 09/30/2025, End Date: 12/31/2025

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
Baird Aggregate Bond Fund	057071854	0.000	10/27/2025	N/A	290.67	2,921.24	0.00	2,921.24
Voya	92913L569	0.000	10/31/2025	N/A	148.42	1,319.44	0.00	1,319.44
Nyli MacKay	56063N881	0.000	10/31/2025	N/A	186.38	969.19	0.00	969.19
Baird Aggregate Bond Fund	057071854	0.000	11/25/2025	N/A	298.90	2,994.97	0.00	2,994.97
Goldman Sachs GQG Partners	38147N293	0.000	11/25/2025	N/A	87.135	2,012.81	0.00	2,012.81
Nyli MacKay	56063N881	0.000	11/28/2025	N/A	177.88	923.21	0.00	923.21
Voya	92913L569	0.000	11/30/2025	N/A	143.78	1,282.50	0.00	1,282.50
Voya	92913L569	0.000	12/1/2025	N/A	150.186	1,330.65	0.00	1,330.65
Pimco Rae US	72202L421	0.000	12/2/2025	N/A	18,023.256	217,000.00	0.00	217,000.00
Goldman Sachs	38147N269	0.000	12/5/2025	N/A	87.172	2,012.81	0.00	2,012.81
Columbia Small Cap Growth Inst3	19765Y340	0.000	12/8/2025	N/A	138.637	4,898.06	0.00	4,898.06
Cohen & Steers Instl Realty	19247U106	0.000	12/8/2025	N/A	83.54	4,018.26	0.00	4,018.26
Goldman Sachs	38147N269	0.000	12/12/2025	N/A	394.878	8,963.74	0.00	8,963.74
Pimco Rae US	72202L421	0.000	12/12/2025	N/A	542.413	6,612.01	0.00	6,612.01
Fidelity Emerging Markets	316146331	0.000	12/12/2025	N/A	1,326.993	17,728.62	0.00	17,728.62
Goldman Sachs	38147N269	0.000	12/18/2025	N/A	413.164	9,155.72	0.00	9,155.72
Nyli MacKay	56063N881	0.000	12/18/2025	N/A	197.584	1,021.51	0.00	1,021.51
Lazard CI List Infrastructure	52106N459	0.000	12/19/2025	N/A	161.016	2,903.12	0.00	2,903.12
Fidelity International	315911727	0.000	12/19/2025	N/A	501.11	30,226.93	0.00	30,226.93
Nyli Cbre Global Infrastructure	56064L280	0.000	12/22/2025	N/A	75.243	1,108.33	0.00	1,108.33
Cohen & Steers Instl Realty	19247U106	0.000	12/23/2025	N/A	1,260.504	60,000.00	0.00	60,000.00
Columbia Contrarian Fund	19766M709	0.000	12/23/2025	N/A	3,230.617	130,000.00	0.00	130,000.00
Putnam Core Equity Fund Y	74676P839	0.000	12/23/2025	N/A	428.86	21,262.86	0.00	21,262.86
Pimco Rae US	72202L421	0.000	12/26/2025	N/A	212.273	2,511.19	0.00	2,511.19
Baird Aggregate Bond Fund	057071854	0.000	12/29/2025	N/A	492.372	4,904.03	0.00	4,904.03
Sub Total / Average Buy					29,052.983	538,081.20	0.00	538,081.20
Dividend								
iShares Core US Aggregate	464287226	0.000	10/6/2025	N/A	0.00	0.00	2,388.79	2,388.79
Baird Aggregate Bond Fund	057071854	0.000	10/27/2025	N/A	0.00	0.00	2,921.24	2,921.24
Voya	92913L569	0.000	10/31/2025	N/A	0.00	0.00	1,319.44	1,319.44
Nyli MacKay	56063N881	0.000	10/31/2025	N/A	0.00	0.00	969.19	969.19

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
PGIM Total Return Bond	74440B884	0.000	10/31/2025	N/A	0.00	0.00	2,167.62	2,167.62
iShares Core US Aggregate	464287226	0.000	11/6/2025	N/A	0.00	0.00	2,401.48	2,401.48
Baird Aggregate Bond Fund	057071854	0.000	11/25/2025	N/A	0.00	0.00	2,994.97	2,994.97
Nyli MacKay	56063N881	0.000	11/28/2025	N/A	0.00	0.00	923.21	923.21
PGIM Total Return Bond	74440B884	0.000	11/28/2025	N/A	0.00	0.00	2,077.15	2,077.15
Voya	92913L569	0.000	11/30/2025	N/A	0.00	0.00	1,282.50	1,282.50
Voya	92913L569	0.000	12/1/2025	N/A	0.00	0.00	1,330.65	1,330.65
PGIM Total Return Bond	74440B884	0.000	12/1/2025	N/A	0.00	0.00	2,157.40	2,157.40
iShares Core US Aggregate	464287226	0.000	12/4/2025	N/A	0.00	0.00	2,397.22	2,397.22
Columbia Small Cap Growth Inst3	19765Y340	0.000	12/5/2025	N/A	0.00	0.00	2,088.15	2,088.15
Columbia Small Cap Growth Inst3	19765Y340	0.000	12/5/2025	N/A	0.00	0.00	2,809.91	2,809.91
Cohen & Steers Instl Realty	19247U106	0.000	12/8/2025	N/A	0.00	0.00	4,018.26	4,018.26
Columbia Contrarian Fund	19766M709	0.000	12/9/2025	N/A	0.00	0.00	107,702.69	107,702.69
Columbia Contrarian Fund	19766M709	0.000	12/9/2025	N/A	0.00	0.00	8,094.78	8,094.78
Columbia Contrarian Fund	19766M709	0.000	12/10/2025	N/A	0.00	0.00	7,566.96	7,566.96
Goldman Sachs	38147N269	0.000	12/11/2025	N/A	0.00	0.00	8,963.74	8,963.74
Pimco Rae US	72202L421	0.000	12/11/2025	N/A	0.00	0.00	102.37	102.37
Pimco Rae US	72202L421	0.000	12/11/2025	N/A	0.00	0.00	6,509.64	6,509.64
Fidelity Emerging Markets	316146331	0.000	12/12/2025	N/A	0.00	0.00	17,728.62	17,728.62
Schwab US Large Cap EFT	808524201	0.000	12/15/2025	N/A	0.00	0.00	17,153.45	17,153.45
MFS International	552746356	0.000	12/16/2025	N/A	0.00	0.00	883.88	883.88
MFS International	552746356	0.000	12/16/2025	N/A	0.00	0.00	13,110.27	13,110.27
Emerald Growth	317609253	0.000	12/17/2025	N/A	0.00	0.00	3,687.56	3,687.56
MFS International	552746356	0.000	12/17/2025	N/A	0.00	0.00	3,329.47	3,329.47
Goldman Sachs	38147N269	0.000	12/18/2025	N/A	0.00	0.00	9,155.72	9,155.72
Nyli MacKay	56063N881	0.000	12/18/2025	N/A	0.00	0.00	1,021.51	1,021.51
Dodge Cox Income	256210105	0.000	12/19/2025	N/A	0.00	0.00	6,172.31	6,172.31
Lazard CI List Infrastructure	52106N459	0.000	12/19/2025	N/A	0.00	0.00	2,903.12	2,903.12
Fidelity International	315911727	0.000	12/19/2025	N/A	0.00	0.00	30,226.93	30,226.93
Nyli Cbre Global Infrastructure	56064L280	0.000	12/22/2025	N/A	0.00	0.00	1,108.33	1,108.33
Putnam Core Equity Fund Y	74676P839	0.000	12/22/2025	N/A	0.00	0.00	7,259.69	7,259.69
Putnam Core Equity Fund Y	74676P839	0.000	12/22/2025	N/A	0.00	0.00	5,480.25	5,480.25
Putnam Core Equity Fund Y	74676P839	0.000	12/23/2025	N/A	0.00	0.00	8,522.92	8,522.92
iShares Core US Aggregate	464287226	0.000	12/24/2025	N/A	0.00	0.00	2,453.32	2,453.32
Pimco Rae US	72202L421	0.000	12/26/2025	N/A	0.00	0.00	2,511.19	2,511.19
Baird Aggregate Bond Fund	057071854	0.000	12/29/2025	N/A	0.00	0.00	4,904.03	4,904.03
Sub Total / Average Dividend					0.00	0.00	310,799.93	310,799.93

Interest

US Bank PARS Pension Trust MM	MM4901	0.000	10/31/2025	N/A	0.00	0.00	1,643.53	1,643.53

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
US Bank PARS Pension Trust MM	MM4901	0.000	11/30/2025	N/A	0.00	0.00	1,727.59	1,727.59
US Bank PARS Pension Trust MM	MM4901	0.000	12/31/2025	N/A	0.00	0.00	13.18	13.18
US Bank PARS Pension Trust MM	MM4901	0.000	12/31/2025	N/A	0.00	0.00	1,607.12	1,607.12
Sub Total / Average Interest					0.00	0.00	4,991.42	4,991.42

Sell

Undiscovered	904504479	0.000	12/2/2025	N/A	49.497	4,175.59	0.00	4,175.59
Undiscovered	904504479	0.000	12/2/2025	N/A	60.379	5,093.59	0.00	5,093.59
Undiscovered	904504479	0.000	12/2/2025	N/A	79.231	6,683.96	0.00	6,683.96
Undiscovered	904504479	0.000	12/2/2025	N/A	241.338	20,359.36	0.00	20,359.36
Undiscovered	904504479	0.000	12/2/2025	N/A	245.296	20,693.26	0.00	20,693.26
Undiscovered	904504479	0.000	12/2/2025	N/A	304.457	25,684.10	0.00	25,684.10
Undiscovered	904504479	0.000	12/2/2025	N/A	307.088	25,906.05	0.00	25,906.05
Undiscovered	904504479	0.000	12/2/2025	N/A	365.992	30,875.22	0.00	30,875.22
Undiscovered	904504479	0.000	12/2/2025	N/A	438.247	36,970.67	0.00	36,970.67
Undiscovered	904504479	0.000	12/2/2025	N/A	736.449	62,127.10	0.00	62,127.10
Goldman Sachs GQG Partners	38147N293	0.000	12/5/2025	N/A	87.135	2,012.81	0.00	2,012.81
Sub Total / Average Sell					2,915.109	240,581.71	0.00	240,581.71

Mesa Water District
Monthly Treasurer's Status Report on Investments
11/30/2025



Investments are in compliance with the Investment Policy adopted as Resolution 1575 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	YTM@Cost	Cost Value	Market Value	Maturity Date	Days to Maturity	% of Portfolio	Policy % Limit
Local Agency Investment Fund (LAIF)	4.10%	1,226.30	1,226.30	Liquid	1	0.01%	No Limit
Miscellaneous Cash (Petty, Emergency, etc.)	0.00%	14,000.00	14,000.00	Liquid	1	0.08%	N/A
US Bank Custody Account							
Negotiable Certificate of Deposit	2.14%	2,483,000.00	2,472,431.28	Various	351	14.34%	30.00%
US Agency Bonds	1.16%	4,347,229.75	4,307,232.10	Various	202	24.99%	No Limit
US Treasury Bonds	0.74%	494,486.25	493,460.00	Various	152	2.86%	No Limit
Sub Total / Average	1.46%	7,324,716.00	7,273,123.38		0		
US Bank Custody Account	3.62%	579,277.68	579,277.68	Liquid	1	3.36%	No Limit
Pacific Premier Bank	1.25%	9,371,105.04	9,371,105.04	Liquid	1	54.36%	No Limit
Total / Average	1.42%	\$ 17,290,325.02	\$ 17,238,732.40		106	100.00%	

PARS OPEB & PENSION TRUS	Monthly Rate of Return	Cost Value	Market Value
Public Agency Retirement Services (PARS)			
Capital Appreciation HighMark PLUS Fund			
OPEB	0.40%	\$ 2,527,487.38	\$ 2,927,248.31
Pension Trust	0.41%	\$ 13,612,438.86	\$ 16,147,819.22
		\$ 16,139,926.24	\$ 19,075,067.53

PARS OPEB & Pension Trust Benchmark | BAAPX Index
1 Month | 1.26 %

RISK RETENTION CORPORATION	Monthly Rate of Return	Balance
Pacific Premier Bank	N/A	\$ 93,765.38

California | Local Government Investment Pools

(1) Local Agency Investment Fund | 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 September 30 Fair Value Factor of 1.001929581.

Weighted Average Return

Mesa Water® Funds | 1.25 %

Benchmark: 3 Month Treasury Bill - November 2025 | 3.94 %

Weighted Average Maturity

Years | 0.29 Days | 106

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: 10/31/2025, End Date: 11/30/2025

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Interest								
Live Oak Banking NC 0.5 2/10/2026	538036NE0	0.000	11/1/2025	2/10/2026	0.00	0.00	105.74	105.74
FNMA 0.54 11/3/2025-22	3135GA2G5	0.000	11/3/2025	11/3/2025	0.00	0.00	1,350.00	1,350.00
Evergreen Bank IL 4 12/16/2026	300185LF0	0.000	11/16/2025	12/16/2026	0.00	0.00	845.92	845.92
Capital One Bank VA 1.1 11/17/2026	14042TDW4	0.000	11/17/2025	11/17/2026	0.00	0.00	1,375.21	1,375.21
FNMA 0.56 11/17/2025-22	3135GA2Z3	0.000	11/17/2025	11/17/2025	0.00	0.00	910.00	910.00
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	0.000	11/18/2025	12/18/2025	0.00	0.00	126.89	126.89
UBS Bank UT 0.95 8/25/2026	90348JS50	0.000	11/25/2025	8/25/2026	0.00	0.00	200.91	200.91
FNMA 0.58 11/25/2025-22	3135GA5E7	0.000	11/25/2025	11/25/2025	0.00	0.00	725.00	725.00
FHLB 0.875 5/26/2026-21	3130AMHB1	0.000	11/26/2025	5/26/2026	0.00	0.00	1,093.75	1,093.75
FFCB 1.46 11/30/2026-23	3133ENFP0	0.000	11/30/2025	11/30/2026	0.00	0.00	1,825.00	1,825.00
Signature Federal CR 4.4 1/31/2028	82671DAB3	0.000	11/30/2025	1/31/2028	0.00	0.00	900.49	900.49
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	0.000	11/30/2025	12/30/2027	0.00	0.00	1,021.56	1,021.56
US Bank Custodian MM	MM65000	0.000	11/30/2025	N/A	0.00	0.00	5,374.90	5,374.90
Sub Total / Average Interest					0.00	0.00	15,855.37	15,855.37
Matured								
FNMA 0.54 11/3/2025-22	3135GA2G5	0.000	11/3/2025	11/3/2025	500,000.00	500,000.00	0.00	500,000.00
FNMA 0.56 11/17/2025-22	3135GA2Z3	0.000	11/17/2025	11/17/2025	325,000.00	325,000.00	0.00	325,000.00
FNMA 0.58 11/25/2025-22	3135GA5E7	0.000	11/25/2025	11/25/2025	250,000.00	250,000.00	0.00	250,000.00
Sub Total / Average Matured					1,075,000.00	1,075,000.00	0.00	1,075,000.00

Mesa Water District
Portfolio Holdings
Compliance Report | Investment Policy - Detail
Report Format: By Transaction
Group By: Asset Category
Average By: Market Value
Portfolio / Report Group: Report Group | Treasurer's Report
As of 11/30/2025

Description	CUSIP/Ticker	Settlement Date	YTM @ Cost	Face Amount/Shares	Cost Value	Market Value	Maturity Date	Days To Maturity	% of Portfolio
01. LAIF Policy - 75M Per Account									
LAIF LGIP	LGIP0012	6/30/2010	4.096	1,226.30	1,226.30	1,226.30	N/A	1	0.01
Sub Total / Average 01. LAIF Policy - 75M Per Account			4.096	1,226.30	1,226.30	1,226.30		1	0.01
03. Miscellaneous Cash (Petty Emergency)									
Miscellaneous Cash	CASH	6/30/2015	0.000	14,000.00	14,000.00	14,000.00	N/A	1	0.08
Sub Total / Average 03. Miscellaneous Cash (Petty Emergency)			0.000	14,000.00	14,000.00	14,000.00		1	0.08
04. Negotiable CD30%									
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	12/18/2020	0.600	249,000.00	249,000.00	248,554.29	12/18/2025	18	1.44
JPMorgan Chase OH 0.5 12/29/2025-21	48128UUZ0	12/29/2020	0.500	249,000.00	249,000.00	248,277.90	12/29/2025	29	1.44
Live Oak Banking NC 0.5 2/10/2026	538036NE0	2/10/2021	0.500	249,000.00	249,000.00	247,309.29	2/10/2026	72	1.43
Toyota Financial Savings NV 0.95 7/29/2026	89235MLE9	7/29/2021	0.950	248,000.00	248,000.00	243,322.72	7/29/2026	241	1.41
UBS Bank UT 0.95 8/25/2026	90348JS50	8/25/2021	0.950	249,000.00	249,000.00	243,818.31	8/25/2026	268	1.41
Capital One Bank VA 1.1 11/17/2026	14042TDW4	11/17/2021	1.100	248,000.00	248,000.00	241,760.32	11/17/2026	352	1.40
Evergreen Bank IL 4 12/16/2026	300185LF0	12/16/2022	4.000	249,000.00	249,000.00	249,642.42	12/16/2026	381	1.45
Discover Bank3.4 7/6/2027	254673L38	7/6/2022	3.400	245,000.00	245,000.00	243,642.70	7/6/2027	583	1.41
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	12/30/2022	4.850	248,000.00	248,000.00	253,584.96	12/30/2027	760	1.47
Signature Federal CR 4.4 1/31/2028	82671DAB3	1/31/2023	4.400	249,000.00	249,000.00	252,518.37	1/31/2028	792	1.46
Sub Total / Average 04. Negotiable CD30%			2.141	2,483,000.00	2,483,000.00	2,472,431.28		351	14.34
05. US Agency - No Limit									
FFCB 0.47 12/22/2025-22	3133EMLC4	12/22/2020	0.410	250,000.00	250,747.00	249,440.00	12/22/2025	22	1.45
FFCB 0.45 2/2/2026-23	3133EMPD8	3/2/2021	0.730	300,000.00	295,947.00	298,167.00	2/2/2026	64	1.73
FHLB 0.53 2/10/2026	3130AKWW2	8/19/2021	0.667	310,000.00	308,124.50	307,972.60	2/10/2026	72	1.79
FHLB 0.625 2/24/2026-21	3130AL7M0	3/2/2021	0.749	250,000.00	248,487.50	248,102.50	2/24/2026	86	1.44
FFCB 0.8 3/9/2026-23	3133EMSU7	9/24/2021	0.736	250,000.00	250,702.50	247,945.00	3/9/2026	99	1.44
FHLB 0.6 3/10/2026-21	3130ALFX7	3/10/2021	0.743	250,000.00	248,237.50	247,722.50	3/10/2026	100	1.44
FHLB 0.75 3/16/2026-21	3130ALF33	3/24/2021	0.750	250,000.00	250,000.00	247,785.00	3/16/2026	106	1.44
FHLB 0.85 3/30/2026-21	3130ANY79	11/10/2021	0.950	250,000.00	248,927.50	247,510.00	3/30/2026	120	1.44

Description	CUSIP/Ticker	Settlement Date	YTM @ Cost	Face Amount/Shares	Cost Value	Market Value	Maturity Date	Days To Maturity	% of Portfolio
FHLMC 1.03 4/29/2026-22	3130ALZM9	4/29/2021	0.906	250,000.00	251,507.75	247,177.50	4/29/2026	150	1.43
FHLB 0.875 5/26/2026-21	3130AMHB1	5/28/2021	0.834	250,000.00	250,500.00	246,507.50	5/26/2026	177	1.43
FFCB 0.9 6/15/2026-22	3133EMH21	6/17/2021	0.834	250,000.00	250,800.00	246,227.50	6/15/2026	197	1.43
FFCB 0.94 9/28/2026-22	3133EM6E7	9/28/2021	0.869	250,000.00	250,862.50	244,432.50	9/28/2026	302	1.42
FHLMC 0.8 10/27/2026-21	3134GW4C7	11/10/2021	1.065	250,000.00	246,800.00	243,562.50	10/27/2026	331	1.41
FHLB 3.125 10/29/2026-24	3130ARUF6	5/12/2022	3.125	250,000.00	250,000.00	248,677.50	10/29/2026	333	1.44
FFCB 1.46 11/30/2026-23	3133ENFP0	11/30/2021	1.320	250,000.00	251,687.50	244,380.00	11/30/2026	365	1.42
FFCB 1.68 3/10/2027	3133ENRD4	3/17/2022	2.200	250,000.00	243,898.50	244,012.50	3/10/2027	465	1.42
FHLB 3 4/21/2027-23	3130ARJF9	4/21/2022	3.000	250,000.00	250,000.00	247,610.00	4/21/2027	507	1.44
Sub Total / Average 05. US Agency - No Limit			1.157	4,360,000.00	4,347,229.75	4,307,232.10		202	24.99
06. US Treasury - No Limit									
T-Note 0.375 1/31/2026	91282CBH3	4/29/2021	0.720	250,000.00	245,973.50	248,510.00	1/31/2026	62	1.44
T-Note 0.625 7/31/2026	91282CCP4	9/24/2021	0.750	250,000.00	248,512.75	244,950.00	7/31/2026	243	1.42
Sub Total / Average 06. US Treasury - No Limit			0.735	500,000.00	494,486.25	493,460.00		152	2.86
07. US Bank MM Custody Policy 50%									
US Bank Custodian MM	MM65000	7/31/2020	3.620	579,277.68	579,277.68	579,277.68	N/A	1	3.36
Sub Total / Average 07. US Bank MM Custody Policy 50%			3.620	579,277.68	579,277.68	579,277.68		1	3.36
09. Pacific Premier Bank Policy - n/a									
Pacific Premier Bank Checking Cash	MM0831	5/28/2020	1.250	9,371,105.04	9,371,105.04	9,371,105.04	N/A	1	54.36
Sub Total / Average 09. Pacific Premier Bank Policy - n/a			1.250	9,371,105.04	9,371,105.04	9,371,105.04		1	54.36
Total / Average			1.419	17,308,609.02	17,290,325.02	17,238,732.40		106	100

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 11/30/2025

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS OPEB Trust					
Baird Aggregate Bond Fund	057071854	Mutual Fund	16,001.99	154,868.45	160,339.94
Cohen & Steers Instl Realty	19247U106	Mutual Fund	2,001.49	103,000.47	99,093.52
Columbia Contrarian Fund	19766M709	Mutual Fund	7,885.21	255,917.00	335,751.18
Columbia Small Cap Growth Inst3	19765Y340	Mutual Fund	487.89	13,426.67	18,095.77
Dodge Cox Income	256210105	Mutual Fund	8,296.89	104,337.53	107,859.40
Emerald Growth	317609253	Mutual Fund	512.71	12,474.61	16,375.80
Fidelity Emerging Markets	316146331	Mutual Fund	9,859.30	120,000.00	134,480.85
Fidelity International	315911727	Mutual Fund	2,885.23	146,319.38	175,969.99
Goldman Sachs	38147N269	Mutual Fund	2,847.82	62,209.30	66,667.51
Goldman Sachs GQG Partners	38147N293	Mutual Fund	14.46	334.05	338.53
iShares Core US Aggregate	464287226	Mutual Fund	1,326.00	129,352.87	133,687.32
Lazard CI List Infrastructure	52106N459	Mutual Fund	2,893.45	48,253.06	53,471.08
MFS International	552746356	Mutual Fund	1,156.05	45,718.64	57,536.39
Nyli Cbre Global Infrastructure	56064L280	Mutual Fund	3,513.14	49,620.36	52,978.26
Nyli MacKay	56063N881	Mutual Fund	5,361.64	27,582.91	27,827.00
PGIM Total Return Bond	74440B884	Mutual Fund	8,527.51	102,940.87	104,461.76
Putnam Core Equity Fund Y	74676P839	Mutual Fund	2,937.69	127,502.61	148,000.52
Schwab US Large Cap EFT	808524201	Mutual Fund	38,328.00	828,847.88	1,034,856.00
Undiscovered	904504479	Mutual Fund	514.21	39,950.90	43,611.56
US Bank PARS OPEB Trust MM	MM4900	Money Market	92,978.59	92,978.59	92,978.59
Voya	92913L569	Mutual Fund	7,047.90	61,851.23	62,867.34
Sub Total / Average PARS OPEB Trust			215,377.17	2,527,487.38	2,927,248.31
Total / Average			215,377.17	2,527,487.38	2,927,248.31

Mesa Water District
Transactions Summary
Monthly Treasurer's Status Report - Investment Activity
Group By: Action
Portfolio / Report Group: PARS OPEB Trust
Begin Date: 10/31/2025, End Date: 11/30/2025

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
Baird Aggregate Bond Fund	057071854	0.000	11/25/2025	N/A	53.48	535.84	0.00	535.84
Goldman Sachs GQG Partners	38147N293	0.000	11/25/2025	N/A	14.461	334.05	0.00	334.05
Nyli MacKay	56063N881	0.000	11/28/2025	N/A	27.75	144.02	0.00	144.02
PGIM Total Return Bond	74440B884	0.000	11/28/2025	N/A	31.25	382.78	0.00	382.78
Voya	92913L569	0.000	11/30/2025	N/A	26.98	240.70	0.00	240.70
Sub Total / Average Buy					153.921	1,637.39	0.00	1,637.39
Dividend								
Baird Aggregate Bond Fund	057071854	0.000	11/25/2025	N/A	0.00	0.00	535.84	535.84
Nyli MacKay	56063N881	0.000	11/28/2025	N/A	0.00	0.00	144.02	144.02
PGIM Total Return Bond	74440B884	0.000	11/28/2025	N/A	0.00	0.00	382.78	382.78
Voya	92913L569	0.000	11/30/2025	N/A	0.00	0.00	240.70	240.70
Sub Total / Average Dividend					0.00	0.00	1,303.34	1,303.34
Interest								
US Bank PARS OPEB Trust MM	MM4900	0.000	11/30/2025	N/A	0.00	0.00	323.93	323.93
Sub Total / Average Interest					0.00	0.00	323.93	323.93

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 11/30/2025

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS Pension Trust					
Baird Aggregate Bond Fund	057071854	Mutual Fund	89,440.25	865,754.00	896,191.33
Cohen & Steers Instl Realty	19247U106	Mutual Fund	11,224.19	581,086.16	555,709.91
Columbia Contrarian Fund	19766M709	Mutual Fund	42,463.34	1,400,613.98	1,808,088.51
Columbia Small Cap Growth Inst3	19765Y340	Mutual Fund	2,923.52	80,455.22	108,433.28
Dodge Cox Income	256210105	Mutual Fund	45,822.65	576,437.57	595,694.49
Emerald Growth	317609253	Mutual Fund	3,072.33	74,930.62	98,130.16
Fidelity Emerging Markets	316146331	Mutual Fund	55,057.82	670,000.00	750,988.61
Fidelity International	315911727	Mutual Fund	15,767.82	794,696.81	961,679.72
Goldman Sachs	38147N269	Mutual Fund	15,402.27	336,276.74	360,567.15
Goldman Sachs GQG Partners	38147N293	Mutual Fund	87.14	2,012.81	2,039.83
iShares Core US Aggregate	464287226	Mutual Fund	7,345.00	716,553.22	740,522.90
Lazard CI List Infrastructure	52106N459	Mutual Fund	16,302.68	271,867.76	301,273.43
MFS International	552746356	Mutual Fund	6,483.37	245,230.72	322,676.88
Nyli Cbre Global Infrastructure	56064L280	Mutual Fund	19,640.75	257,641.87	296,182.40
Nyli MacKay	56063N881	Mutual Fund	34,370.99	176,821.06	178,385.43
PGIM Total Return Bond	74440B884	Mutual Fund	46,094.92	562,993.15	564,662.66
Putnam Core Equity Fund Y	74676P839	Mutual Fund	15,595.46	677,987.98	785,699.42
Schwab US Large Cap EFT	808524201	Mutual Fund	212,822.00	4,272,756.07	5,746,194.00
Undiscovered	904504479	Mutual Fund	2,827.99	218,328.57	239,840.47
US Bank PARS Pension Trust MM	MM4901	Money Market	499,904.40	499,904.40	499,904.40
Voya	92913L569	Mutual Fund	37,550.93	330,090.15	334,954.24
Sub Total / Average PARS Pension Trust			1,180,199.82	13,612,438.86	16,147,819.22
Total / Average			1,180,199.82	13,612,438.86	16,147,819.22

Mesa Water District
Transactions Summary
Monthly Treasurer's Status Report - Investment Activity
Group By: Action
Portfolio / Report Group: PARS Pension Trust
Begin Date: 10/31/2025, End Date: 11/30/2025

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
Baird Aggregate Bond Fund	057071854	0.000	11/25/2025	N/A	298.90	2,994.97	0.00	2,994.97
Goldman Sachs GQG Partners	38147N293	0.000	11/25/2025	N/A	87.135	2,012.81	0.00	2,012.81
Nyli MacKay	56063N881	0.000	11/28/2025	N/A	177.88	923.21	0.00	923.21
Voya	92913L569	0.000	11/30/2025	N/A	143.78	1,282.50	0.00	1,282.50
Sub Total / Average Buy					707.695	7,213.49	0.00	7,213.49
Dividend								
iShares Core US Aggregate	464287226	0.000	11/6/2025	N/A	0.00	0.00	2,401.48	2,401.48
Baird Aggregate Bond Fund	057071854	0.000	11/25/2025	N/A	0.00	0.00	2,994.97	2,994.97
Nyli MacKay	56063N881	0.000	11/28/2025	N/A	0.00	0.00	923.21	923.21
PGIM Total Return Bond	74440B884	0.000	11/28/2025	N/A	0.00	0.00	2,077.15	2,077.15
Voya	92913L569	0.000	11/30/2025	N/A	0.00	0.00	1,282.50	1,282.50
Sub Total / Average Dividend					0.00	0.00	9,679.31	9,679.31
Interest								
US Bank PARS Pension Trust MM	MM4901	0.000	11/30/2025	N/A	0.00	0.00	1,727.59	1,727.59
Sub Total / Average Interest					0.00	0.00	1,727.59	1,727.59



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MEMORANDUM

TO: Board of Directors
FROM: Kaitlyn Norris, Public Affairs Supervisor
DATE: January 28, 2026
SUBJECT: Outreach Update

RECOMMENDATION

Receive and file the Outreach Update.

STRATEGIC PLAN

Goal #4: Increase public awareness of Mesa Water.

PRIOR BOARD ACTION/DISCUSSION

This item is provided monthly at a Mesa Water District (Mesa Water®) Board of Directors (Board) meeting.

DISCUSSION

Mesa Water's outreach program aims to connect the District with its constituents in order to achieve Goal #4 of the Board's 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 2026 Events

1. **Water Issues Study Group, Night # 2** – Monday, February 9, 2026, Mesa Water Education Center – 1350 Gisler Avenue, Costa Mesa, CA 92626
2. **Children's Water Education Festival** – Wednesday & Thursday, April 15 & 16, 2026, Oak Canyon Park – 5305 Santiago Canyon Road, Silverado, CA 92676
3. **ICRE Student Poster Symposium** – Friday, May 29, 2026, Mesa Water Education Center – 1350 Gisler Avenue, Costa Mesa CA 92626

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 2026, \$1,139,850 is budgeted for Public Affairs Support Services; \$212,165 has been spent to date.

ATTACHMENTS

None.



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MEMORANDUM

TO: Board of Directors
FROM: Andrew D. Wiesner, P.E., District Engineer
DATE: January 28, 2026
SUBJECT: Customer Project – C0681-25-01 – 1400 Bristol Street

RECOMMENDATION

Receive and file the easement documents for Customer Project C0681-25-01 – 1400 Bristol Street.

STRATEGIC PLAN

Goal #1: Provide an abundant, local, reliable and safe water supply.
Goal #2: Perpetually renew and improve our infrastructure.
Goal #6: Provide excellent customer service.

PRIOR BOARD ACTION/DISCUSSION

At its August 13, 2025 meeting, the Board of Directors (Board) approved staff's recommendation to abandon the six-inch line at 1400 Bristol Street and reinstall all services according to Mesa Water's current standards.

At its November 12, 2025 meeting, the Board approved a quitclaim of Mesa Water District's easement for the six-inch distribution line, an easement for access to the new three-inch meter and double check detector assembly, and modification of the easement for the six-inch distribution line and two fire hydrants on the southwest property line located at 1400 Bristol Street.

DISCUSSION

Mesa Water District (Mesa Water®) owns and operates a six-inch mainline that is routed northeast across the property located at 1400 Bristol Street. The pipeline is routed through the middle of the property and, towards the southwest property line, is routed between two of the motel buildings.

On May 27, 2025, a contractor working at Customer Project C0681-25-01 damaged the six-inch line. The contractor had not contacted Dig Alert prior to starting the excavation and demolition at the site. Mesa Water staff responded, repaired the line and returned it to service. The District will recover the costs of the repair from the contractor.

Following the repair, staff investigated options for the six-inch line routed through the property and determined that abandoning the six-inch line, quitclaiming the easement, and bringing all services to the Public Right of Way per Mesa Water's current standards was the best approach for the final design of Customer Project C0681-25-01.

Through Mesa Water's customer project permitting process, staff has worked with the developer, City of Costa Mesa, and Costa Mesa Fire & Rescue to develop the final Water Improvement Plan.



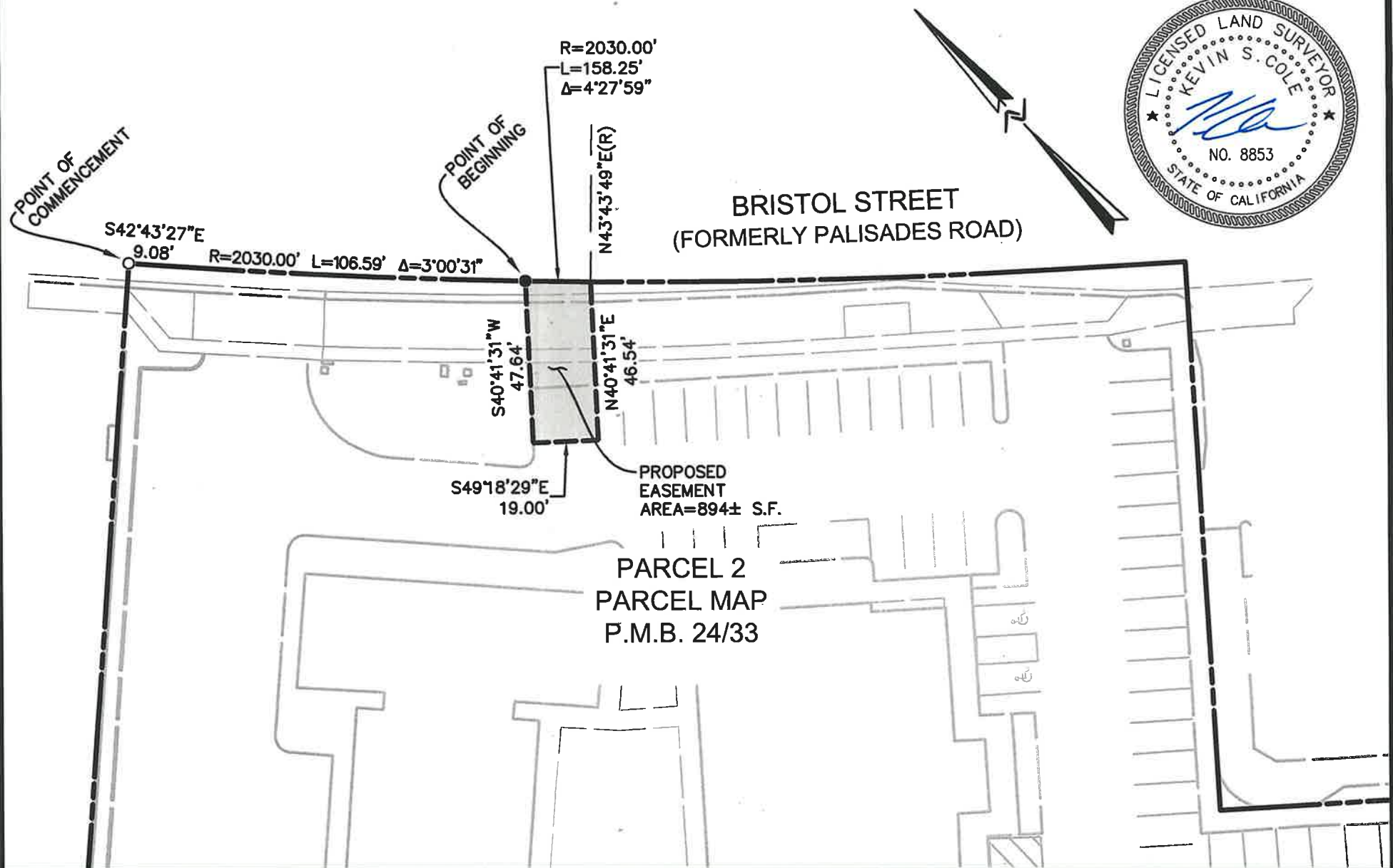
As part of the plan, all services will be installed in the Public Right of Way per Mesa Water standards, and the existing six-inch line routed through the property will be a dedicated private fire system. Additionally, one fire hydrant will become part of the private fire system and the two fire hydrants located on the southwest property line will remain in their current location and part of Mesa Water's system. The approved easement modifications are shown on Attachment A.

FINANCIAL IMPACT

There would be no financial impact to Mesa Water; all costs shall be borne by the property owner.

ATTACHMENTS

Attachment A: 1400 Bristol Street Easement Documents



440 S. Yosemite Avenue, Suite A
Oakdale, CA 95361
Phone: (209) 847-8726
www.Ardurra.com

SCALE: 1" = 40'
DRAWN: KSC
CHECKED: KSC
JOB NO.: 2024-1584
SHEET: 2 OF 2

EXHIBIT "B"
WATER LINE EASEMENT
CITY OF COSTA MESA, CALIFORNIA

EXHIBIT "B"

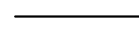
LEGEND:



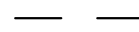
EASEMENT AREA



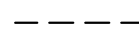
CENTERLINE



LOT LINE



RIGHT OF WAY



EXISTING EASEMENT

POINT OF
BEGINNING
PARCEL "B"

PARCEL "B"
390 SQ. FT.

NORTHEASTERLY LINE OF 10' EASEMENT FOR PIPE
LINES, RECORDED 4/01/1968 IN BOOK 8559, PG.
472 O.R.

SANTA ANA DELHI CHANNEL
ORANGE COUNTY FLOOD
CONTROL DISTRICT

Scale: 1"=30'



POINT OF
BEGINNING
PARCEL "A"
POINT "C"

PARCEL "A"
607 SQ. FT.

PARCEL 2
PARCEL MAP
P.M.B. 24/23

LAM LE 01/07/2026
LAM LE, L.S. 8231 DATE:

SOUTHWESTERLY LINE
OF PARCEL 2, PARCEL
MAP, P.M.B. 24/23

CENTERLINE OF 10' EASEMENT FOR
PIPE LINES, RECORDED 4/01/1968
IN BOOK 8559, PG. 472 O.R.

LINE TABLE

LINE	BEARING	DISTANCE
L1	N14°30'00"W	12.47'
L2	N14°30'00"W	33.45'
L3	N49°40'52"E	46.00'
L4	N49°40'52"E	31.00'

POINT OF
COMMENCEMENT
PARCEL "A"

SANTA ANA
AVENUE

CITY OF COSTA MESA

WATER UTILITY EASEMENT

PORTION OF PARCEL 2, PARCEL MAP, P.M.B. 24/23.
ORANGE COUNTY, CALIFORNIA.

SHEET

1

OF 1

JOB No.

2024-ARD-06



SURVEYING & MAPPING

400 EAST RINCON ST., SUITE 202
CORONA, CA 92879

TEL (909) 484-4200 FAX (909) 484-4229



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MEMORANDUM

TO: Board of Directors
FROM: Stacy Taylor, Water Policy Manager
DATE: January 28, 2026
SUBJECT: Federal Advocacy Report

RECOMMENDATION

Receive the presentation.

STRATEGIC PLAN

Goal #7: Actively participate in regional and statewide water issues.

PRIOR BOARD ACTION/DISCUSSION

None.

DISCUSSION

Mesa Water District's Federal Advocacy lobbyists will provide a verbal update to the Board of Directors at their January 28, 2026 meeting.

FINANCIAL IMPACT

In Fiscal Year 2026, \$450,000 is budgeted for Water Policy Support Services; \$206,790 has been spent to date.

ATTACHMENTS

None.



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MEMORANDUM

TO: Board of Directors
FROM: Andrew D. Wiesner, P.E., District Engineer
DATE: January 28, 2026
SUBJECT: Water System Master Plan & 10-Year Capital Improvement Program

RECOMMENDATION

Receive the presentation.

STRATEGIC PLAN

Goal #1: Provide an abundant, local, reliable and safe water supply.
Goal #2: Perpetually renew and improve our infrastructure.
Goal #3: Be financially responsible and transparent.

PRIOR BOARD ACTION/DISCUSSION

At its April 24, 2024 meeting, the Board of Directors (Board) awarded a contract to Carollo Engineers, Inc. for \$954,504 and a contingency of \$95,450 for an amount not to exceed \$1,049,954 for Capital Improvement Program Update Professional Services.

BACKGROUND

As the 2014 Capital Improvement Program nears completion, the Board included a Fiscal Year 2026 Strategic Plan item to update the 2014 Water System Master Plan and develop an Asset Management Plan to generate the next 10-year Capital Improvement Program (CIP) for future projects based on data driven and life-cycle cost decisions. The key goals for the 2024 CIP Update include the following:

- **Water System Master Plan:**
 - o Update potable and recycled water demands
 - o Document capacity of water supplies
 - o Compare supply and demand, and make recommendations to close any supply gaps
 - o Update the hydraulic model and recalibrate with Well Nos. 12 and 14
 - o Assess technology advancements that will influence how water districts function in the next 10 years
 - o Assess current and upcoming regulations
- **Asset Management Plan:**
 - o Define an "asset", and the requirements for asset management software
 - o Evaluate asset management software
 - o Develop a roadmap for Asset Management Program Implementation
- **Asset Condition Assessment:**
 - o Plan and execute site by site condition assessment of all water production and storage assets, transmission system assets and property assets
 - o Rate asset condition and estimate remaining useful life
 - o Document asset condition in asset management plan-ready format
 - o Define projects to replace or refurbish assets that will reach the end of useful life in the next 10 years



- **Capital Improvement Program:**
 - o Develop a prioritized 10-year CIP based on the findings of each task

DISCUSSION

The CIP Update was completed primarily in FY 2024 and 2025, with some refinements in FY 2026. The recommended 10-year CIP was developed for FY 2027-2036. The Summary Report is provided in Attachment A. The findings for the key goals are summarized below. The 10-year CIP will be brought to a future Board meeting for approval.

Water System Master Plan

The Water System Master Plan assessment of potable water demand found a 7% projected growth in demand over the next ten years. With the successful implementation of the Mesa Water Reliability Facility (MWRF) from 2010-2012, Well Automation Project for Well Nos. 1B, 3B, 5, 7 and 9B from 2017-2019, and the addition of Well Nos. 12 and 14 from 2020-2023, Mesa Water's local groundwater supplies were found to be sufficient to meet future demands. Should recycled water for irrigation currently served from the Orange County Water District's Green Acres Project (GAP) become unavailable, the demand projection would double to 14%, and Mesa Water may have to supplement its current groundwater supplies from new groundwater sources to meet this demand. Projects to enhance groundwater supplies, such as the Local Supply Improvement Project (Local SIP) and drilling replacement wells for Well Nos. 5 and 7, are on the 10-year CIP. Regulatory requirements for drinking water did not present any recommendations for CIP projects; however, compliance with air quality regulations added projects to the CIP for fleet replacement and conversion from aqueous ammonia to liquid ammonium sulfate.

Asset Management Plan

The software requirements for an asset management system were defined, and staff saw demonstrations of five software packages. A roadmap for the expansion of Mesa Water's asset maintenance system into an asset management program was developed and recommended.

Asset Condition Assessment

A detailed condition assessment of Mesa Water's "vertical" assets was planned and executed, as well as a desktop condition assessment of Mesa Water's "horizontal" assets, such as pipelines and appurtenances.

Vertical Assets: Site visits were performed at all of the vertical assets. The vertical assets that had been the focus of the 2014 CIP, such as wells, reservoirs and pumping stations, were found to be in good condition, with the key recommendation to continue the current project to upgrade the Reservoir 1 Booster Pump Station. The import stations and emergency intertie vaults received recommendations for capital and maintenance projects in the 10-year CIP.

Horizontal Assets: A desktop analysis using records from the Pipeline Integrity Program and MaintStar maintenance records was performed. The pipeline stock was found to be in

good condition. Projects for condition assessment of two transmission lines based on break history or high consequence of failure for transmission lines that have exceeded their age-based useful life are included in the 10-year CIP. Additionally, cathodic protection test reports were reviewed, and retested as needed. Projects for improvements to cathodic protection systems are included in the 10-year CIP.

10-year CIP

The 10-year CIP was developed based the water supply and demand analysis, results of the condition assessment, projects not completed in the 2014 CIP, and Information Technology (IT) projects that are funded in the capital budget. The proposed 10-year CIP is summarized in Table 1. The total 10-year CIP is approximately \$71MM. The first five years has spending of approximately \$18MM with the last five years having approximately \$53MM. While the previous CIPs have focused on improvements to water supply reliability with the MWRF, wells, reservoirs and pumping stations, the FY 2027-2036 CIP emphasizes pipelines, with approximately 58% of the funding going to improvements for fire flow, transmission systems and distribution systems.

Table 1. Proposed 10-year CIP

Facility Type	Near-Term (FY 2027-2031)	Mid-Term (FY 2032-2036)	10-Year CIP (FY 2027-2036)	10-Year CIP (%)
MWRF	\$240,000	\$1,820,000	\$2,060,000	3%
Booster Pumps	\$0	\$10,000,000	\$10,000,000	14%
Wells	\$530,000	\$4,190,000	\$4,720,000	7%
Reservoirs	\$200,000	\$868,000	\$1,068,000	2%
Fire Flow	\$0	\$7,396,000	\$7,396,000	10%
Transmission (incl. CP)	\$2,319,000	\$0	\$2,319,000	3%
Distribution System	\$8,184,000	\$24,017,000	\$32,201,000	45%
Vaults	\$775,000	\$752,000	\$1,527,000	2%
Tech & Software	\$5,355,500	\$2,225,000	\$7,580,500	11%
Clean Fleet	\$80,000	\$1,960,000	\$2,040,000	3%
Studies	\$0	\$0	\$0	0%
Total	\$17,683,500	\$53,228,000	\$70,911,500	100%
Annualized Cost	\$3,500,000	\$10,600,000	\$7,100,000	



FINANCIAL IMPACT

\$1,000,000 is budgeted for the Water Systems Master Plan; \$939,790 has been spent to date.

	<u>Contract Actual Amounts</u>	<u>Contract Cost Amounts</u>
Initial Contract Estimate	\$1,000,000	
Original Contracts		\$ 954,504
Change Orders		\$ 85,511
Requested Funding		\$ 0
Revised Contracts		<u>\$1,040,015</u>
Actual Spent to Date		\$ 939,790
Revised Contract Estimate	\$1,040,015	

ATTACHMENTS

Attachment A: Capital Improvement Program Update Summary Report



Capital Improvement Program Update



Summary Report

FINAL / December 2025



in collaboration with





Capital Improvement Program Update

Summary Report

FINAL / December 2025



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Abbreviations

AC	asbestos cement
AF	acre-feet
AFY	acre-feet per year
Basin	Orange County Groundwater Basin
Blue Locker Diving	Blue Locker Diving, LLC
BPP	basin pumping percentage
Carollo	Carollo Engineers
cfs	cubic feet per second
CIP	Capital Improvement Program
CMMS	computerized maintenance management system
CO	carbon monoxide
CP	Cathodic Protection
EPA	Environmental Protection Agency
fps	feet per second
FY	fiscal year
GIS	Geographic Information System
gpcd	gallons per capita per day
gpm	gallons per minute
HAA	haloacetic acid
HDR	HDR, Inc.
HVAC	heating, ventilation, and air conditioning
ID	identification
µg/L	micrograms per liter
mA	milliampere
Mesa Water/District	Mesa Water District
Metropolitan	Metropolitan Water District of Southern California
MG	million gallons
mgd	million gallons per day
MWDOC	Municipal Water District of Orange County
MWRF	Mesa Water Reliability Facility
N/A	not applicable
NOx	oxides of nitrogen
O&M	operations and maintenance
PFAS	perfluoroalkyl and polyfluoroalkyl substances
PFHxA	perfluorohexanoic acid
PFHxS	perfluorohexanesulfonic acid
PLC	programmable logic controller

ppmv	parts per million by volume
psi	pounds per square inch
SCADA	supervisory control and data acquisition
SH	sodium hypochlorite
V&A	V&A Consulting Engineers, Inc.

EXECUTIVE SUMMARY

Mesa Water District (Mesa Water, or District) initiated the preparation of this Capital Improvement Program (CIP) Update to continue to deliver safe, reliable, and high quality water service to customers by proactively identifying future water supply and infrastructure needs for the next decade and beyond. This update supersedes its 2014 Water Master Plan and outlines prioritized capital projects for Fiscal Years (FY) 2027-2036 and beyond to provide a continued safe, reliable, high quality, and local water supply to its customers. Significant investments made by Mesa Water in the last decade have strengthened the overall performance and reliability of its water system infrastructure. In fact, when reviewing the 5-year CIP from the 2014 Water Master Plan, it was concluded that a majority of the recommended CIP projects have already been completed in just one decade. The 2026 CIP Update involves looking ahead to future water supply needs, evaluating the condition of Mesa Water's existing water system infrastructure, keeping abreast of regulatory compliance, investing not only in projects related to physical water infrastructure but also in technological advancements to optimize water system operations.

Mesa Water anticipates a 12.2 percent increase in water demands as the service area population is anticipated to grow from approximately 110,000 in 2025 to approximately 120,000 in 2035. This increase of roughly 10,000 people translates to a one percent annual growth rate. The population and associated service area growth increase is projected to increase Mesa Water's total system water demand from 16,455 acre-feet per year (AFY), which equates to an average day demand of 14.7 million gallons per day (mgd) in 2025 to 18,742 AFY or 16.5 mgd in 2035.

Based on the water demand analysis prepared for this effort, Mesa Water is projected to remain in compliance with California Senate Bill 1157 (2022) and Bill 555 (2015) Urban Water Use Objective through year 2040. Moreover, Mesa Water has already met the State Water Resources Control Board capped objective of 92 gallons per capita per day (gpcd), with an actual 2020 consumption of 85 gpcd. It is estimated that the indoor water use of Mesa Water's customers could be as low as 41 gpcd, which is well below the State's 2035 indoor water use target of 50 gpcd. Mesa Water expects to have enough water to meet the community's needs with solely groundwater supplies because of its investments in local water supplies and ongoing water conservation.

Mesa Water's primary source of water is local groundwater supplied from the Orange County groundwater basin. Mesa Water uses a combination of clear groundwater wells, as well as amber groundwater wells which are treated at the Mesa Water Reliability Facility (MWRF). Imported water from the Municipal Water District of Orange County (MWDOC) and water deliveries from interagency connections have only served as backup and emergency supplies since FY 2017-18. To analyze system resilience, multiple future scenarios were analyzed. The results indicate that Mesa Water has sufficient supplies to meet even 115 percent of the projected future maximum day demands in 2035 with its existing groundwater supplies only. However, if the MWRF or either of the two highest producing groundwater wells (Well 12 or 14) were temporarily out of service during maximum day demand conditions, Mesa Water is projected to have a supply shortfall of 3.4 mgd without supplemental imported water or inter-agency deliveries from neighboring agencies. To address this supply shortfall without relying on imported water, and meet all demands with local supplies only, four potential new local supply options were identified to increase supply reliability. These projects include replacement of clear

groundwater Well 5 and partnering on the brackish groundwater desalination project with other organizations. Several associated studies and projects are recommended to be implemented within the next decade.

To reliably distribute water supplies to its customers, Mesa Water is diligently assessing and maintaining its wells, transmission and distribution pipes and appurtenances, booster pumps, reservoirs, and other equipment. Mesa Water's Pipeline Integrity Program helps identify and address potential problems before they lead to service disruptions. Mesa Water is also investing in cathodic protection systems to prevent corrosion and extend the lifespan of its pipelines. Based on hydraulic modeling performed as part of this CIP Update, the distribution and transmission systems meet pressure and velocity criteria under both existing and future maximum day demand conditions. Hydraulic modeling analysis also confirmed that the system is adequately sized to meet the minimum pressure and maximum head loss criteria under maximum day demand plus fire flow demand for the selected locations evaluated as part of this CIP Update.

To be even more efficient and strategic in utility management, Mesa Water plans to develop an asset management plan and explore a broad range of new technologies. For example, Mesa Water's investment in an enterprise asset management system will help staff make better decisions about when to repair or replace equipment by using digital data and tools to track the condition of its assets.

To achieve these goals, a comprehensive water system CIP was prepared with a planning horizon from FY 2027 through FY 2036 and for projects beyond the planning period. As shown in Table ES.1, the CIP includes eleven different facility types and groups projects into a near-term phase (FY 2027-2031), mid-term phase (FY 2032-2036), and a long-term phase (beyond FY 2036). The total estimated CIP cost is \$129 million in 2025 dollars. On average, the recommended CIP would require an annual investment of roughly \$8.6 million, ranging from \$3.5 million/year in the near-term phase to \$11.7 million/year in the long-term phase.

The distribution of the combined CIP costs by facility type is graphically shown in Figure ES.1. As shown, distribution system improvement projects represent the highest cost category, totaling \$58 million or 45 percent of the total CIP. When distribution system improvements are combined with transmission main and fire flow improvements, it can be concluded that pipeline improvements together account for nearly \$75 million or 58 percent of the entire CIP projects.

Table ES.1 CIP Cost Estimates by Facility Type and Planning Period

Facility Type	Near-Term (FY 2027-2031)	Mid-Term (FY 2032-2036)	Long-Term ⁽¹⁾ (beyond FY 2036)	Total CIP ⁽²⁾ (FY 2027-2036+)	Total CIP ⁽³⁾ (%)
MWRF	\$240,000	\$1,820,000	\$20,000,000	\$22,060,000	17%
Booster Pumps	\$0	\$10,000,000	\$0	\$10,000,000	8%
Wells	\$530,000	\$4,190,000	\$3,010,000	\$7,730,000	6%
Reservoirs	\$200,000	\$868,000	\$0	\$1,068,000	1%
Fire Flow	\$0	\$7,396,000	\$7,035,000	\$14,431,000	11%
Transmission (incl. CP)	\$2,319,000	\$0	\$0	\$2,319,000	2%
Distribution System ⁽⁴⁾	\$8,184,000	\$24,017,000	\$25,921,000	\$58,122,000	45%
Vaults	\$775,000	\$752,000	\$0	\$1,527,000	1%
Tech & Software	\$5,355,500	\$2,225,000	\$0	\$7,580,500	6%
Clean Fleet	\$80,000	\$1,960,000	\$1,500,000	\$3,540,000	3%
Studies	\$0	\$0	\$1,000,000	\$1,000,000	1%
Total Cost by Phase	\$17,683,500	\$53,228,000	\$58,466,000	\$129,377,500	100%
Annual Cost by FY⁽¹⁾	\$3,500,000	\$10,600,000	\$11,700,000	\$8,600,000	N/A

Notes:

CP - Cathodic Protection

(1) Recurring programmatic project cost and the average annual cost (\$/FY) for the Long-Term CIP Phase is based on a 5-year period.

(2) Costs shown are planning level costs presented in current dollars (Los Angeles January 2025 Engineering News-Record Construction Cost Index of 15592 and subject to future cost escalation.

(3) Total may not add up due to rounding.

(4) Dependent on Pipeline Integrity Program.

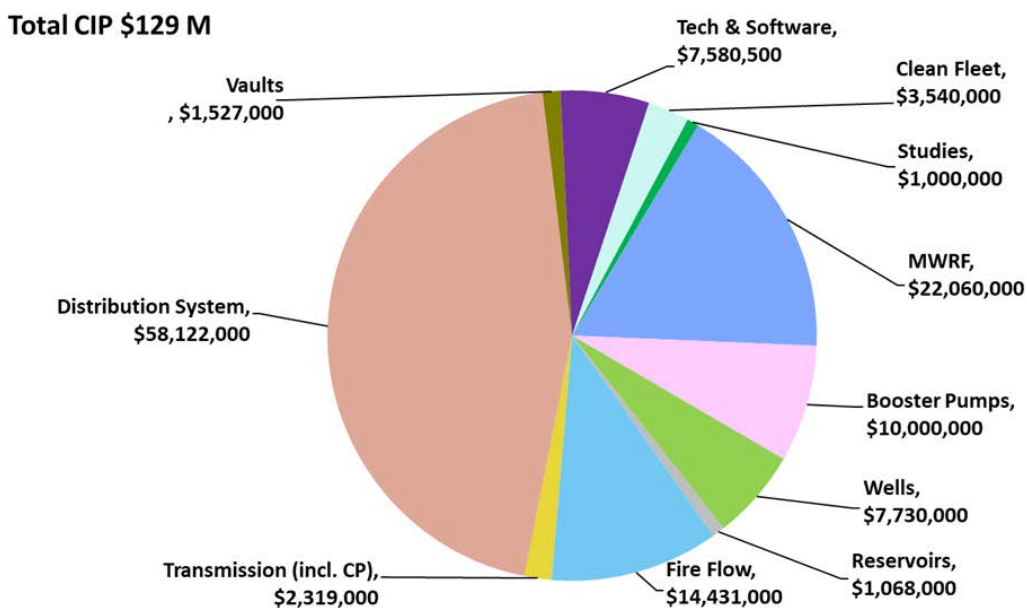


Figure ES.1 Total CIP Cost Distribution by Facility Type

CHAPTER 1 INTRODUCTION

1.1 Project Background and Objectives

Mesa Water retained Carollo Engineers (Carollo) to prepare this CIP update to aid in the planning of future water supplies, water system improvements, and system operations. This CIP update replaces the previous Water Master Plan prepared by Carollo in 2014.

The purpose of this CIP update is to provide Mesa Water with a comprehensive reference document of its water distribution system infrastructure and a detailed phased CIP that summarizes water system improvements required to meet the projected water demands through FY 2036. To achieve this goal, the following project objectives were identified:

- Prepare a new water demand forecast through year 2035;
- Identify future water supply needs to meet the projected water demands;
- Conduct a comprehensive condition assessment of existing water system facilities;
- Calibrate the existing hydraulic model and conduct a distribution system analysis;
- Determine system regulatory compliance;
- Prepare a CIP for rehabilitation and replacement projects; and
- Prepare a comprehensive CIP with recommendations to address water supply, facility condition assessment, regulatory compliance, distribution system improvement, rehabilitation and replacement improvement, and technological advancement needs.

1.2 Study Area

The study area of this CIP update is the existing water service area of Mesa Water as depicted in Figure 1.1. Mesa Water's service area is approximately 16.3 square miles and encompasses portions of the City of Costa Mesa, parts of City of Newport Beach, and unincorporated Orange County (primarily John Wayne Airport).

1.3 Planning Horizon

The planning horizon of this master plan is year 2036.

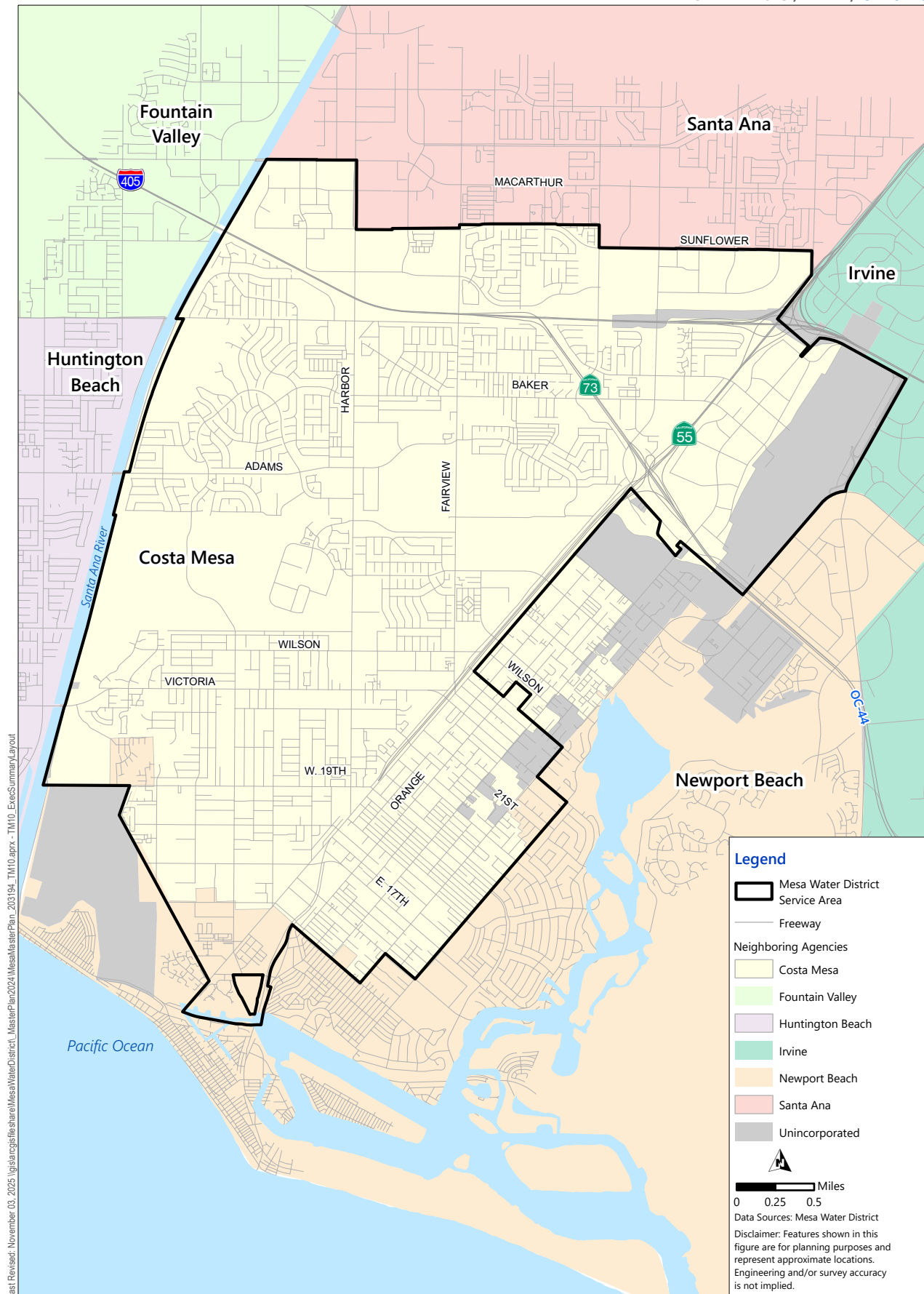


Figure 1.1 Study Area
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

1.4 Acknowledgements

Carollo wishes to acknowledge and thank all Mesa Water staff for their support and oversight of this project. In particular, Carollo appreciates the contributions of:

- Paul E. Shoenberger, PE, General Manager
- Andrew D. Wiesner, PE, District Engineer
- Karyn Igar, PE, Principal Engineer, Project Manager
- Tyler Jernigan, MPA, Water Operations Manager
- Kaying Lee, Water Quality and Compliance Supervisor

Carollo's primary team members involved in the preparation of this plan, and the associated technical memoranda were:

- Inge Wiersema, PE, Principal-in-Charge/Project Manager and Technical Review
- Graham Juby, PhD, PE, Technical Advisor
- Janet Ortega, PE, Project Manager (former Carollo employee)
- Felicia James, PE, Transmission System Condition Assessment (Technical Memorandum 3) and Technological Advancements (Technical Memorandum 6) Lead
- Chrissy Henderson, PhD, PE - Cathodic Protection Analysis (Technical Memorandum 3)
- Andy Baldwin, Technological Advancements support (Technical Memorandum 6)
- Michelle Eckard, PE, Project Engineer - Field Condition Assessment support (Technical Memorandum 3 and Technical Memorandum 9)
- Matt Huang, PE - Water Demand Analysis (Technical Memorandum 1) and Hydraulic Modeling Lead (Technical Memorandum 4)
- Cassidy Thornbury, Water Demand Analysis (Technical Memorandum 1) and Hydraulic Modeling support (Technical Memorandum 4)
- Ann Casey, MBA - Asset Management Plan Roadmap (Technical Memorandum 7), Condition Assessment Plan (Technical Memorandum 8) and Facilities Condition Assessment (Technical Memorandum 9) Lead
- Khalil Khirouz, PhD, PE - Mechanical Discipline Lead for the Facilities Condition Assessment (Technical Memorandum 9)
- Mathew Esquer, PE - Structural Discipline Lead for the Facilities Condition Assessment (Technical Memorandum 9)
- John Lin, PE - Instrumental and Control Lead for the Facilities Condition Assessment (Technical Memorandum 9)
- Cameron Kaufmann (former Carollo employee) - Electrical Lead for the Facilities Condition Assessment (Technical Memorandum 9)
- Andrew Burton, PE - Data Management support
- Malik Awan - Data Management support

- Shyamala Raveendran, PE - Regulatory Compliance (Technical Memorandum 5) and Capital Improvement Plan (Technical Memorandum 10) Lead
- Mayra Lara, Project Engineer - Water Supply Analysis Lead (Technical Memorandum 2) and Regulatory Compliance (Technical Memorandum 5) and Capital Improvement Plan (Technical Memorandum 10) support
- Jackie Silber, GIS Analysis and mapping

The following subconsultants' team members were involved in this project:

- Jessica Mullins, (V&A Consulting Engineers, Inc. [V&A]) - Valve Condition Assessment
- Mark Moore and Kelan Gondrezick, (Blue Locker Diving, LLC [Blue Locker Diving]) - Reservoir Condition Assessment

1.5 Report Organization

This Summary Report describes the effort related to the work conducted to achieve the project objectives of the CIP update report, which is organized into nine sections, supplemented by appendices that include all ten Technical Memoranda that were prepared as part of this effort. This Summary Report is organized as follows:

- **Chapter 1 - Introduction.** This Chapter describes the project background, objectives, study area, planning horizon, and report organization.
- **Chapter 2 - Water Demands.** This Chapter summarizes the existing water demands, population forecast, and water demand forecast through year 2035. Detailed information regarding the information presented herein is included in **Appendix B** (Technical Memorandum 1: Water Demand).
- **Chapter 3 - Water Supply Reliability.** This Chapter summarizes Mesa Water's existing water resources and future water supply needs, considering local groundwater, recycled water, imported water, inter-agency connections, and potential brackish water supplies to meet the forecasted water demands through year 2035. Detailed information regarding the information presented herein is included in **Appendix C** (Technical Memorandum 2: Water Supply Reliability).
- **Chapter 4 - Distribution System Analysis.** This Chapter summarizes the calibration of Mesa Water's domestic water distribution system hydraulic model against field conditions. The model was then used to evaluate the performance of the distribution system under existing, future, and fire flow demand conditions. Detailed information regarding the information presented herein is included in **Appendix E** (Technical Memorandum 4: Hydraulic Modeling Calibration and Distribution System Analysis) and **Appendix L** (Calibration Plan).
- **Chapter 5 - Facilities Condition Assessment.** This Chapter summarizes desktop as well as field condition assessments of Mesa Water's facilities. The desktop assessments include an evaluation of Mesa Water's leak detection program, Pipeline Integrity Testing Program, estimated remaining useful life of its distribution transmission system pipelines. Field condition assessments were performed on transmission system appurtenances and associated cathodic protection system as well as visual inspections of Mesa Water's wells, vaults, reservoirs, MWRF, and buildings. Detailed information regarding the information presented herein is included in **Appendix D** (Technical Memorandum 3: Distribution and Transmission System), **Appendix I** (Technical Memorandum 8: Condition Assessment Plan), and **Appendix J** (Technical Memorandum 9: Condition Assessment).

- **Chapter 6 - Regulatory Compliance.** This Chapter summarizes the federal and state regulations impacting Mesa Water District's facilities and operations related to water quality, air emissions, risk management, and other regulations. Detailed information regarding the information presented herein is included in **Appendix F** (Technical Memorandum 5: Regulatory Compliance).
- **Chapter 7 - Asset Management Road Map.** This Chapter summarizes technological advancements for water utilities, highlighting their potential to improve business practices at Mesa Water over the planning horizon and beyond. It explores innovations to streamline processes, enhance security, improve asset management, enable leak detection, and leverage predictive analytics for resource allocation. Detailed information regarding the information presented herein is included in **Appendix H** (Technical Memorandum 7: Asset Management Plan Roadmap).
- **Chapter 8 - Technological Advancements.** This Chapter summarizes technological advancements for water utilities, focusing on software, data management, artificial intelligence, and geographic information systems (GIS) improvements to enhance efficiency and address key challenges. Detailed information regarding the information presented herein is included in **Appendix I** (Technical Memorandum 6: Technological Advancements).
- **Chapter 9 - Capital Improvement Plan.** This Chapter summarizes the cost estimating assumptions, proposed project phasing for the recommended improvement projects, and the CIP. Detailed information regarding the information presented herein is included in **Appendix K** (Technical Memorandum 10: Capital Improvement Program).

CHAPTER 2 WATER DEMANDS

2.1 Historical Demands

Mesa Water provided historical customer billing records by customer class for the FY 2021 through 2024. The historical metered water use for this time period is shown in Figure 2.1. FY 2022 had the highest demand in recent years, approximately 15,500 acre-feet per year (AFY) for potable water, and was used to represent existing demands. The billing data presented in Figure 2.1 indicates that the total consumption for FYs 2021 and 2022 are similar, followed by a slight decrease in FY 2023 and 2024.

Monthly metered water use for FY 2022 depicted in Figure 2.2 shows that multi-family residential demands were the largest proportion of demands. Together with single family residential demands, residential water use comprises 67 percent of Mesa Water's total water demand. Commercial water use accounts for the next largest category, followed by Governmental users, while industrial and irrigation users accounted for only 1 percent of annual consumption. Monthly billing data shows that all meter classifications increase their usage during the summer months to some degree.

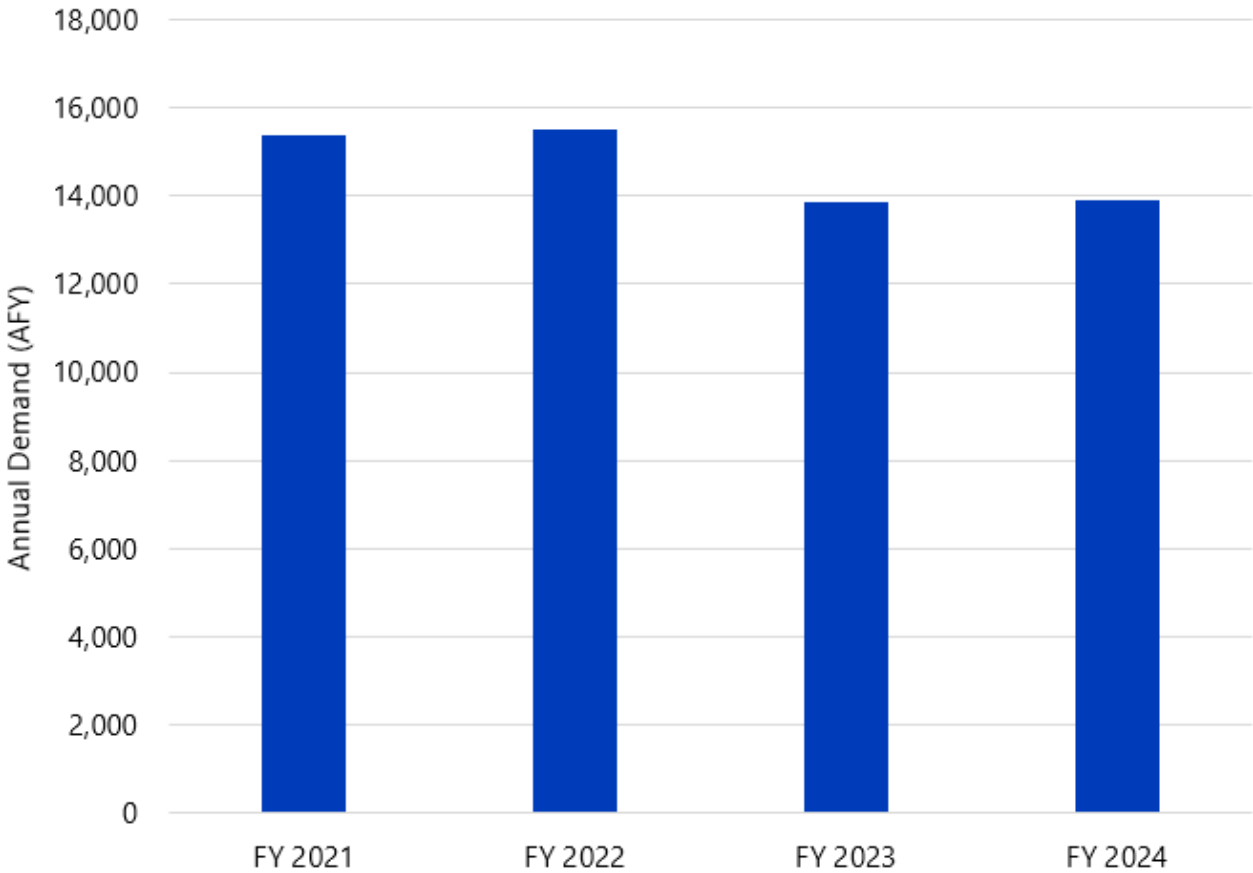


Figure 2.1 Total Annual Water Demand

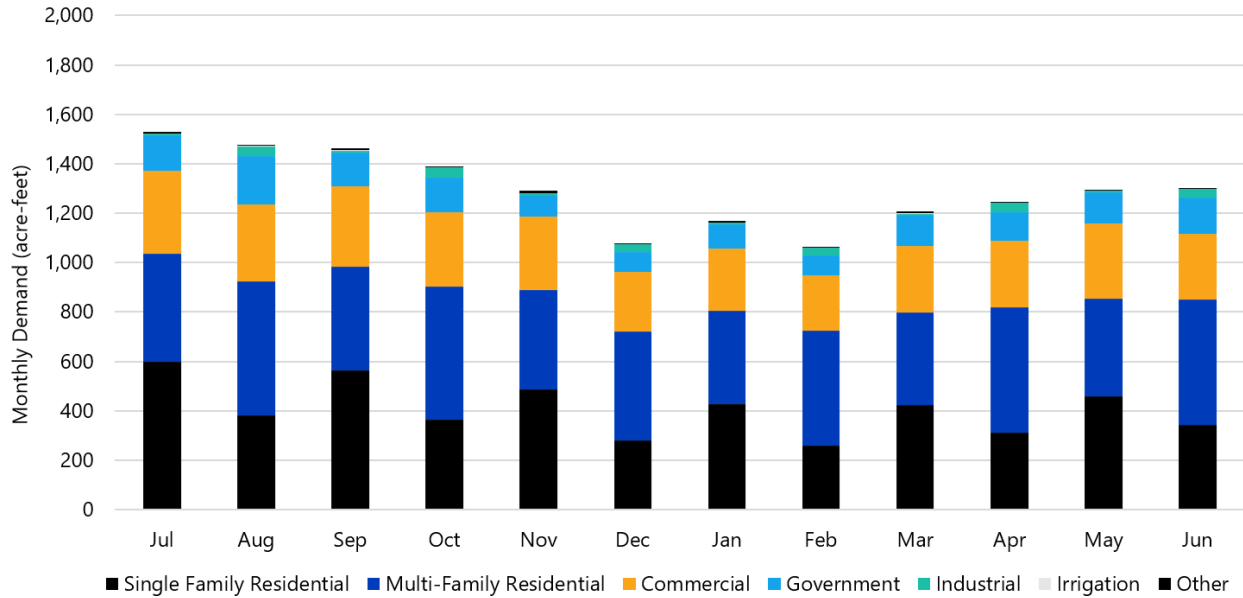


Figure 2.2 FY 2022 Water Demand by Customer Class

2.1.1 Historical Production

Mesa Water obtains potable water through pumping groundwater from the Orange County Groundwater Basin (Basin) and has additional supply available through imported water and inter-agency connections. Amber colored groundwater is pumped through two deep-water wells owned and operated by Mesa Water, which is then treated at the MWRf. Seven clear water wells provide the majority of the potable supply within Mesa Water's service area. Recycled water is also used to serve a small portion of the demands. The historical water production from FYs 2021 through 2024 is shown in Figure 2.3. The average annual potable water supply between the FYs of 2021 and 2024 is 15,649 AFY, with the majority being sourced from clear groundwater wells. Recycled water is used to serve non-potable customers using irrigation services through the Green Acres Project.

2.1.2 Non-Revenue Water

The non-revenue water for well-operated systems is typically less than 10 percent. As shown in Table 1.4 of Technical Memorandum 1, Mesa Water's estimated historical non-revenue water over this period is 6.3 percent, which is well within the generally accepted range of non-revenue water for an efficiently operated system.

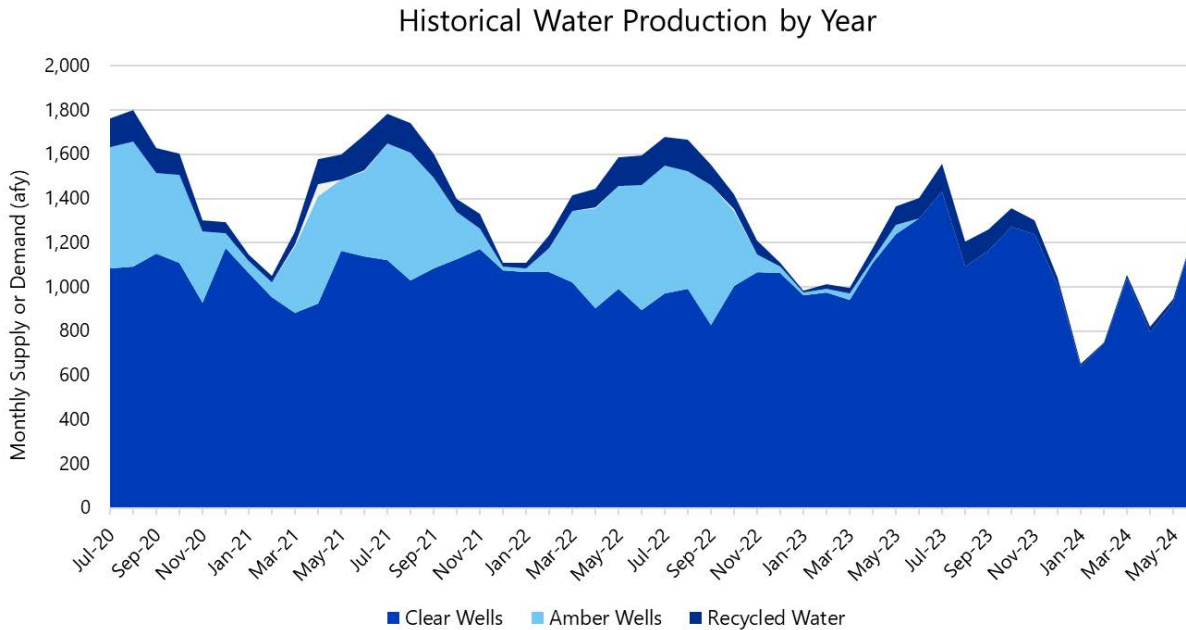


Figure 2.3 Historical Water Production by Month From July 2020 Through May 2024

2.1.3 Peaking Factors

Peaking factors are typically used to determine the water demands for conditions other than average day demand conditions. Peaking factors account for fluctuations in demand on a seasonal or hourly basis. For example, during hot summer days, water use is typically higher than on a colder winter day due to increased irrigation demands.

Mesa Water provided supervisory control and data acquisition (SCADA) data for FY 2021 through 2024. Analysis of SCADA data shows that the average day demand was 13.25 mgd. Peaking factors were analyzed for maximum and minimum day demand conditions. Table 2.1 list the peaking factors used for the water system analyses conducted as part of this CIP as documented in Technical Memorandum 4 (**Appendix E**). For planning purposes and analysis, a maximum day demand to average day demand peaking factor of 1.5 and a minimum day demand to average day demand peaking factor of 0.65 were used.

Two diurnal curves were developed for weekday and weekend summer conditions using a mass balance calculation using flow data obtained from Mesa Water's SCADA during the week of August 1, 2024 through August 8, 2024. The weekday summer demand is based on data from Tuesday, August 6, 2024, with a daily average demand of 20.1 mgd and a maximum day demand peaking factor of 1.39. The weekend summer demand is based on data from Sunday, August 4, 2024, with an average of 18.7 mgd and a peak hourly demand peaking factor of 1.12. The data used to compile these peaking factors are summarized in Table 1.5 of Technical Memorandum 1 (**Appendix B**).

Table 2.1 Seasonal and Hourly Demand Peaking Factors

Demand Condition	Peaking Factor ⁽¹⁾
Average Day Demand	1.00
Maximum Day Demand	1.50
Minimum Day Demand	0.65
Peak Hour Demand on weekdays	1.39
Peak Hour Demand on weekend days	1.12

Notes:

(1) The data used to compile these peaking factors are summarized in Table 1.5 of Technical Memorandum 1 (Appendix B).

2.2 Population and Water Demand Forecast

Demand forecasting is the process of predicting the level of demand that might occur at some point in the future, or over a specified period. A population-based method was used to forecast water demand through 2035. According to an analysis of Transportation Analysis Zone level data provided by Southern California Association of Governments, the population within Mesa Water's service area is expected to increase from approximately 110,432 in 2025 to 119,811 in 2035. This increase of 9,379 people translates to an annual growth rate of about 1 percent. The population increase is projected to drive a rise in residential water demand from 10,988 AFY in 2025 to 11,921 AFY in 2035. This projection equates to an annual growth rate of approximately 1 percent.

2.2.1 Projected Demands through 2035

Demand projections were developed using a combination of per-capita water use and land information. Recycled water and conservation considerations were also included in the demand projections.

Mesa Water is considering converting the 43 recycled water customers currently served by the Green Acres Project to potable water service, due to concerns about the availability of Green Acres Project water supply and water quality. For conservative potable water supply planning purposes, this conversion is considered in the potable water demand projections and is assumed to take place by year 2035.

The Urban Water Use Objective is a calculated limit on total water consumption for urban retail water suppliers, as mandated by *California's Making Conservation a California Way of Life* framework. Suppliers must calculate their objective annually, beginning January 1, 2025, and demonstrate compliance starting January 1, 2027. Mesa Water remains below its Urban Water Use Objective, even without new conservation measures, demonstrating that Mesa Water's investments in potable reuse, recycled water, and water efficiency programs will continue to sustain long-term compliance with the state's framework.

The projected demand is summarized through year 2035 in Table 2.2, while details of the forecasting methodology and assumptions are described in Technical Memorandum 1 (**Appendix B**). As shown, the average day demand is projected to increase from 14.7 mgd in 2025 to 16.5 mgd in 2035, while the maximum day demands are projected to increase to 24.7 mgd in 2035 if recycled water customers are converted.

Table 2.2 Potable Water Demand Projections

	2022	2025	2030	2035
Service Area Population ^(1,2)	109,189	110,432	114,184	119,811
Residential Demand (AFY) ⁽³⁾	10,862	10,988	11,361	11,921
Non-Residential Demand (AFY) ⁽⁴⁾	5,467	5,467	5,467	5,467
Green Acres Project Conversion (AFY)	0	0	0	1,084
Total Demand (AFY)	16,329	16,455	16,828	18,742
Average Day Demand (mgd)	14.6	14.7	15.0	16.5
Maximum Day Demand (mgd) ⁽⁵⁾	21.9	22.0	22.5	24.7

Notes:

- (1) Reference: Transportation Analysis Zone-level data provided by Southern California Association of Governments as used in 2024 Connect SoCal.
- (2) Population projections for the years 2022 and 2030 were developed linearly.
- (3) Residential demand includes single family and multi-family billing classifications.
- (4) Non-residential demand includes commercial, government, industrial, and other billing classifications.
- (5) Peaking factor of 1.5.

CHAPTER 3 WATER SUPPLY RELIABILITY

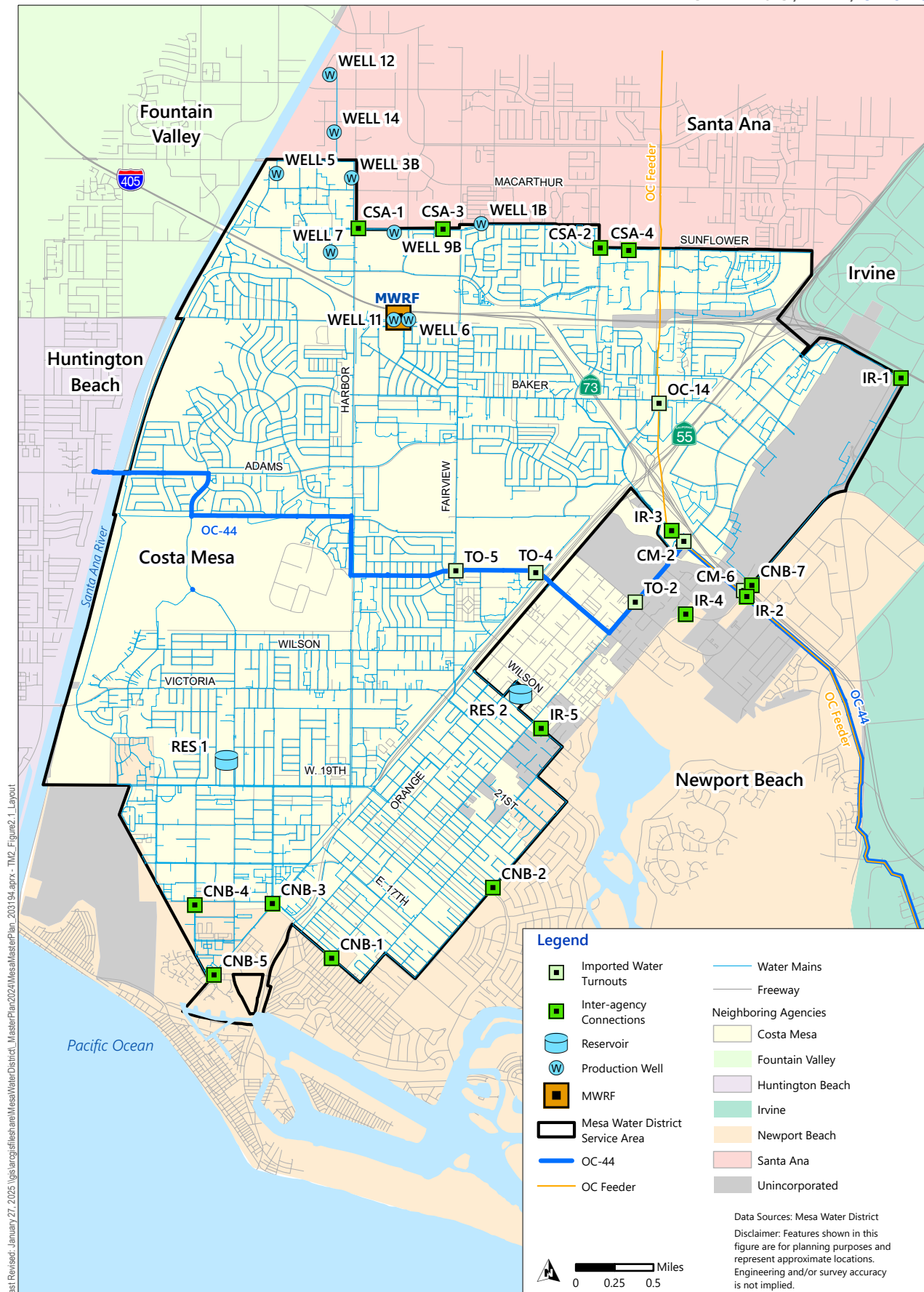
3.1 Existing Water Supply Sources

Mesa Water's primary source of water is groundwater pumped from seven active clear wells within the Basin plus two amber colored wells at the MWRF. Mesa Water's current supply mix consists of 100 percent groundwater. Mesa Water was able to achieve this by:

- Maximizing the use of groundwater from the Basin as allowed by annually defined maximum basin pumping percentage (BPP).
- Supplementing remaining supplies with the pumping and treatment of amber groundwater at the MWRF.

In addition to groundwater, Mesa Water has a backup water supply of imported water from Metropolitan Water District of Southern California (Metropolitan) through deliveries from the MWDOC, one of Metropolitan's member agencies. Additionally, Mesa Water has several emergency interconnections with three neighboring agencies, the City of Santa Ana, City of Newport Beach, and Irvine Ranch Water District. A portion of Mesa Water's irrigation demands are met with recycled water provided by Orange County Water District that is delivered through the Green Acres Projects. A map of Mesa Water's existing supplies is shown on Figure 3.1.

Since FY 2017-18, Mesa Water has been able to meet its entire water demand using its local water supplies only, and thus not relying on imported water. Including non-potable water use, Mesa Water's water portfolio for FY 2023-24 was comprised of 96 percent groundwater and 4 percent recycled water.



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3.1.1 Groundwater

Mesa Water's owns and operates seven groundwater wells that pump clear water from the Basin. As shown in Figure 3.2, the combined pumping capacity is 17,200 gallons per minute (gpm), which equates to 24.8 mgd if all wells would be operating 24 hours a day, 7 days a week.

Table 3.1 Groundwater Wells Capacity (Clear Water Wells)

Source	Status	2011 Water Master Plan Capacity (gpm)	2012 SCADA Capacity (gpm)	2013 Step Down Testing ⁽¹⁾ (gpm)	Capacity (gpm)
Well 1B	Active	2,400	2,912	2,500	2,300
Well 3B	Active	2,260	1,762	1,200	1,600
Well 5	Active	3,800	2,646	2,800	2,200
Well 7	Active	1,500	1,664	1,300	1,300
Well 9B	Active	1,980	2,027	2,000	1,800
Well 12 ⁽²⁾	Active	N/A	N/A	N/A	4,000
Well 14 ⁽³⁾	Active	N/A	N/A	N/A	4,000
Pumping Capacity⁽⁴⁾		11,940	11,011	12,215	17,200

Notes:

N/A - not applicable

(1) Step-down tests performed October 2013.

(2) Well 12 did not become operational until November 2023.

(3) Well 14 did not become operational until May 2023.

As shown However, each year, Orange County Water District recommends a BPP for its member agencies, which is the same for all Orange County Water District's member agencies. The BPP provides a limit on how much each agency can pump from the Basin without paying the Basin Equity Assessment fees in addition to the replenishment assessment fees. The BPP is calculated by dividing the optimum groundwater production (yield) by the estimated total potable water demand. The BPP is based on the groundwater conditions, availability of imported water supplies that used for recharge, and the Basin's management objectives. A historical trend of the BPP since 2021 is shown on Figure 3.2.

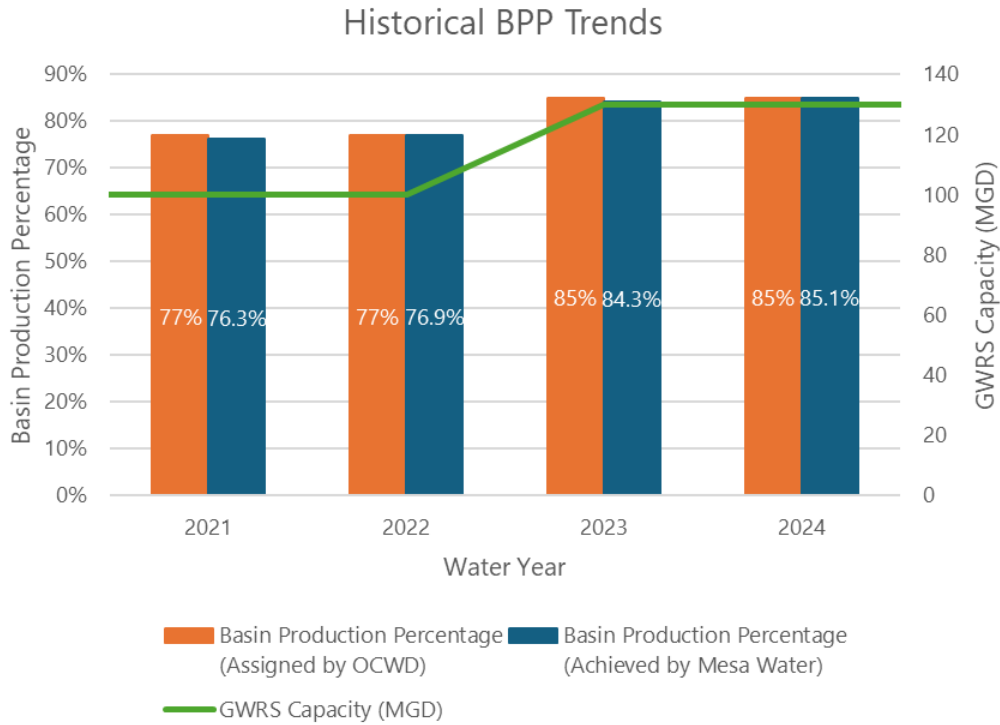


Figure 3.2 Historical BPP and Groundwater Replenishment System Capacity

As shown, the BPP for the 2022-23 Water Year was established at 85 percent in February 2023 for the remainder of the water year in response to increased investment and a final 30 mgd expansion of the Groundwater Replenishment System. It is expected that the BPP will stay at 85 percent for the foreseeable future FY.

3.1.2 Mesa Water Reliability Facility

In addition to the seven (7) clear wells, Mesa Water owns and operates two other groundwater wells that pump amber groundwater from a deeper part of the Basin aquifer. The MWRF treats amber colored water pumped from Wells 6 and 11, which have a combined capacity of 7,200 gpm or 10.3 mgd. The current MWRF capacity is rated at 6,600 gpm or 8.6 mgd. It should be noted that Mesa Water is still required to pay the replenishment assessment fee for water pumped from the amber aquifer and treated at the MWRF.

Table 3.2 Amber Wells and MWRF Capacity

Source	Status	2011 Water Master Plan Capacity (gpm)	2013 Step Down Testing ⁽¹⁾ (gpm)	2024 Capacity (gpm)
Well 6	Active	4,000	2,200	3,300
Well 11	Active	4,000	5,000	3,300
Pumping Capacity		8,000	7,200	6,600
MWRF Treatment Capacity			6,000	6,000 ⁽²⁾

Notes:

(1) Step-down tests performed in October 2013.

(2) 2020 Water Supply Reliability Assessment.

3.1.3 Imported Water

While Mesa Water is currently 100 percent reliant on local sources, Mesa Water also maintains imported water connections as a backup to local supplies. Mesa Water can obtain imported water from MWDOC through four connections as listed in Table 3.3.

Table 3.3 Imported Water Connections and Capacities

Imported Water Conveyance Pipeline	Active Number of Turnouts	Turnout Capacity (cfs)	Maximum Delivery Capacity (mgd)	Maximum Delivery Capacity (gpm)
OC-44 ⁽¹⁾	3	67	43.3	30,069
OC-14 ⁽²⁾	1	10	6.5	4,514
CM-2 ⁽²⁾	1	15	9.7	6,736
CM-6 ⁽²⁾	1	4	2.6	1,806
Total	6	96	62.1	43,125
Firm Capacity⁽³⁾ (Without OC-44)	3	29	18.8	13,056

Notes:

cfs - cubic feet per second

(1) Connects to East Orange County Feeder No. 2.

(2) Located downstream of the Santa Ana Cross Feeder. Therefore, it can be supplied from either the East Orange County Feeder No. 2 or the Orange County Feeder.

(3) Firm capacity is defined as the combined capacity of all sources except the largest source of supply (OC-44).

As shown in Table 3.3, the combined capacity from these connections totals about 62 mgd, while the firm capacity (without OC-44) is 18.8 mgd. It should be noted that , the actual capacity that can be obtained is determined by the difference in hydraulic grade line between the imported water transmission main and Mesa Water's distribution system as well as the conveyance capacity within Mesa Water's distribution system.

3.1.4 Emergency Interconnections

Mesa Water has 15 emergency interconnections with the City of Santa Ana, City of Newport Beach and Irvine Ranch Water District with an additional emergency interconnection with the City of Huntington Beach that is currently in the preliminary stages of development. The interconnections are listed in Table 3.4. As indicated, Mesa Water has 38,750 gpm or 55.8 mgd of emergency capacity available from its neighboring agencies. As shown in Table 3.4, all 4 emergency interconnections with the City of Santa Ana have a system pressure below the minimum required operating pressure of 20 psi for water distribution systems in California, per California Code Regulations Title 22, §64602. Utilization of these interconnections would therefore require temporary pumping equipment to meet the hydraulic grade line of Mesa Water service area.

Table 3.4 Inter-Agency Connections

Connection	Agency	Direction ⁽¹⁾	Location	Size (inches)	Capacity (gpm)
CNB-1	City of Newport Beach	to MW	East 15th Street and Santa Ana Avenue	12	1,350
CNB-2	City of Newport Beach	to MW	Irvine Avenue and West 19th Street	8	1,800

Connection	Agency	Direction ⁽¹⁾	Location	Size (inches)	Capacity (gpm)
CNB-3	City of Newport Beach	to MW	Superior Avenue and West 16th Street	16	3,100
CNB-4	City of Newport Beach	to MW	Monrovia Avenue and West 16th Street	6	1,350
CNB-5	City of Newport Beach	to MW	Superior Avenue and Placentia	12	1,350
CNB-7	City of Newport Beach	to MW	North Bristol Street and Campus Drive	16	6,700
CSA-1	City of Santa Ana	to MW	Sunflower Avenue and Harbor Boulevard	12	3,100
CSA-2	City of Santa Ana	to MW	Sunflower Avenue and Bear Street	12	3,100
CSA-3	City of Santa Ana	to MW	Sunflower Avenue east of Orange County Flood Control District	12	3,100
CSA-4	City of Santa Ana	to MW	Sunflower Avenue east of Bristol Street	8	3,100
IR-1	Irvine Ranch Water District	to MW	Airport Way and I-405 Freeway	12	3,300
IR-2	Irvine Ranch Water District	to MW	Campus Drive and Bristol Street	10	2,250
IR-3	Irvine Ranch Water District	to MW	Bristol Street and Red Hill Avenue	12	1,800
Res. 2	Irvine Ranch Water District	to MW	2340 Orange Avenue	6	2,000
IR-5	Irvine Ranch Water District	to MW	23rd Street and Santa Ana Avenue	6	1,350
Total⁽²⁾					38,750

Notes:

psi - pounds per square inch

(1) Due to the generally lower surface area elevation and water system hydraulic grade line than its neighboring agencies, flow will generally be in the direction of Mesa Water. The volumes that Mesa Water may be able to provide to its neighbors is dependent upon hydraulic conditions as described in the *Emergency Interconnection Study* (RBF, 2012).

(2) Emergency capacity from neighboring agencies towards Mesa Water.

3.1.5 Recycled Water

Mesa Water currently uses recycled water from Orange County Water District's Green Acres Project, a direct non-potable reuse system that serves close to 100 customer sites within the cities of Costa Mesa, Fountain Valley, Huntington Beach, Newport Beach, and Santa Ana. The total annual demand for Green Acres Project water in FY 2022-23 was nearly 3,400 acre-feet (AF), or about 3 mgd.

Through its 43 recycled water service connections, Mesa Water's total recycled water usage in FY 2023-24 was 816 AFY, or 0.6 mgd.

3.2 Historical Water Supply Trends

Mesa Water's historical water supply mix from FY 2021 through 2024 is illustrated on Figure 3.3. As shown on Figure 3.3, Mesa Water has traditionally used clearwell groundwater (shown in blue) to meet as much

demand as possible. Amber well water treated at MWRf is then utilized, while recycled water is only used to meet any irrigation demands. In FY2024, Mesa Water used 12,647 AFY (82 percent) from clear wells, 2,213 AFY (14 percent) from amber wells treated at MWRf, and 585 AFY (4 percent) recycled water.

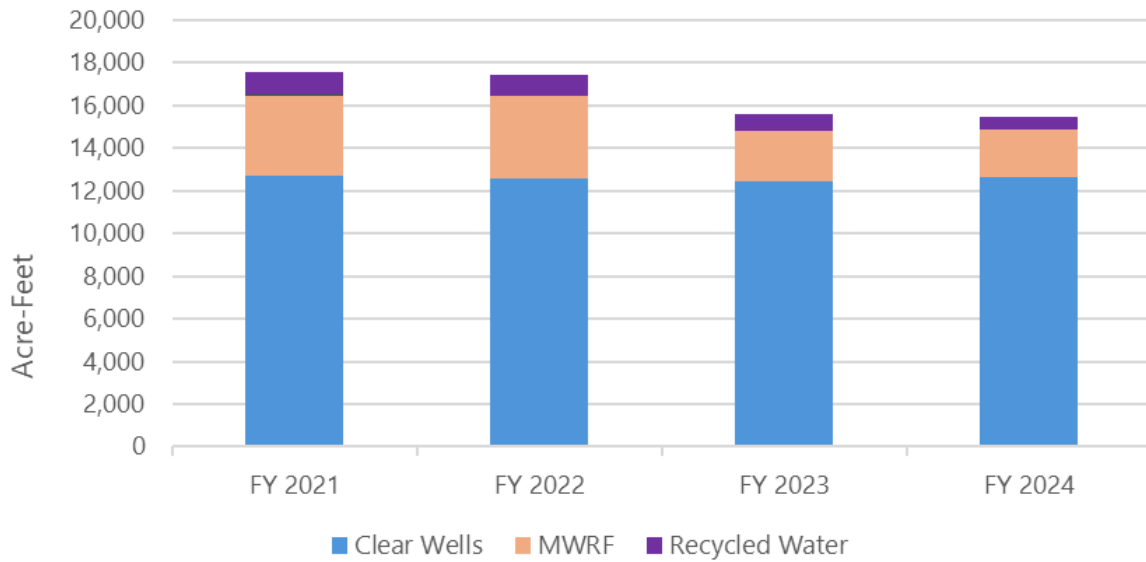


Figure 3.3 Historical Water Production by FY

The historical monthly variation of Mesa Water's supply sources from July 2021 through June 2024 is shown in Figure 3.4. As shown, groundwater production from clear wells has been relatively consistent year-around, showing modest seasonal fluctuations. Meanwhile, production from amber well and recycled water are more seasonally dependent and used more when water demand peaks due to higher temperatures and evapotranspiration rates requiring more outdoor water use.

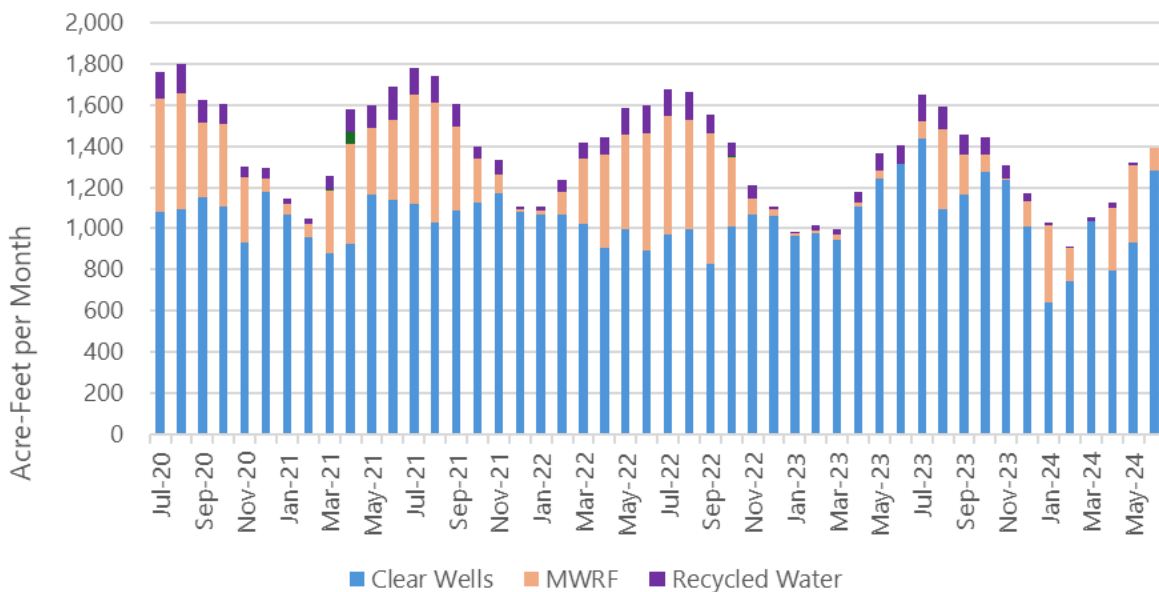


Figure 3.4 Historical Water Production by Month

3.3 Water Supply Analysis

The total and firm capacities of Mesa Water's existing water supply sources are summarized in Table 3.5.

Table 3.5 Existing Water Supply Capacities by Source

Supply Source	Capacity (gpm)	Capacity (mgd)
Clearwell Groundwater Pumping Capacity	17,200	24.8
MWRF Treatment Capacity for Amber Wells	6,000	8.6
Total Groundwater Supply (Wells + MWRF)	23,200	33.4
Imported Connections	43,125	62.1
Total Potable Water Supply Capacity	66,325	95.5
Emergency Interties	38,750	55.8
Recycled Water from the Green Acres Project	625	0.9
Total Supply Capacity	105,700	152.2
Firm Potable Supply Capacity (without OC-44)	36,256	52.2
Firm Groundwater Supply (without MWRF)	17,200	24.8

As shown in Table 3.5, the total potable supply capacity, without emergency interties or the Green Acres Project, is 95.5 mgd. This is a significant supply capacity compared the Mesa Water's 2022 maximum day demand of 21.9 mgd. Even without imported water, the total groundwater production capacity is approximately 33.4 mgd, thus exceeding the current average day demand by more than 50 percent.

As shown, the combined delivery capacity of all the imported water connections from MWDOK totals 62.1 mgd, while the combined hydraulic capacity of all interties with neighboring agencies is estimated to be 55.8 mgd. However, it should be noted that it is unlikely that there would be enough water available from neighboring cities to supply the maximum hydraulic capacity of these interties simultaneously. With inclusion of the Green Acres Project, the combined supply capacity is about 152 mgd.

As the largest supply source is OC-44 with 43.3 mgd, the remaining firm potable water supply capacity from other imported water connections, the clear groundwater wells and the MWRF is 52.2 mgd. Similarly, as the largest groundwater source is the MWRF, the existing firm groundwater capacity (without MWRF) is about 24.8 mgd.

Based on the information presented above, it can be concluded that Mesa Water has the ability to meet the current average day demand and maximum day demand conditions with the clear well groundwater pumping capacity alone, without relying on the MWRF or imported water.

3.3.1 Supply and Demand Comparison

In 2020, Mesa Water conducted a Water Supply Reliability Assessment to analyze their supply program under extreme emergency and operational scenarios where water sources were unavailable. The assessment presented solutions for deficiencies found, recommending Mesa Water purchase imported water in the event of a supply shortage due to the high costs of maintaining self-sufficiency during emergencies.

Mesa Water is interested in evaluating whether future water demands can continue to be met exclusively by using local groundwater and recycled water sources and thus continue to avoid the use of imported water. To answer this question, a capacity analysis was performed that determines the remaining supply capacity or shortfall under the following supply mix scenarios:

- **Scenario 1:** Baseline conditions with all existing potable water supplies available (clearwells, MWRF, and imported water).

- **Scenario 2:** Firm supply capacity with the largest potable water supply source (OC-44) out of service to serve maximum day demand with local groundwater supplies; while recycled water is no longer available to service customers.
- **Scenario 3:** Groundwater supplies only, including all clear wells and the amber wells treated at the MWRF.
- **Scenario 4:** Imported supplies only using all import station connections but no groundwater, interties, or Green Acres Project.
- **Scenario 5:** Firm groundwater supplies only, which translates to outages of the MWRF and use of the clear wells only.
- **Scenario 6:** Firm Groundwater Supply only but with the Green Acres Project still operational, thereby reducing the potable water demand as recycled water would be used to serve the Green Acres irrigation demands.

The supply scenarios and corresponding future water demand forecast are compared to establish the water supply surplus or deficit for the year 2035. For conservative planning purposes, Mesa Water has adopted a supply planning criterion wherein the projected maximum day demand is increased by 115 percent. This supply and demand balance comparison is presented in Table 3.6 for both 100 percent and 115 percent of the projected maximum day demand for year 2035.

Table 3.6 Potable Water Supply Balance Analysis

Supply Source	Scenario 1 Baseline (All Potable Supplies) (mgd)	Scenario 2 Firm Supply Capacity Only (No OC-44) (mgd)	Scenario 3 Groundwater Only (mgd)	Scenario 4 Imported Water Only (mgd)	Scenario 5 Firm Groundwater Capacity Only (mgd)	Scenario 6 Firm Groundwater With Green Acres Project ⁽⁴⁾ (mgd)
Clearwells	24.8	24.8	24.8	0.0	24.8	24.8
MWRF	8.6	8.6	8.6	0.0	0.0	0.0
Imported	62.1	18.8	0	62.1	0	0.0
Interties ⁽⁵⁾	0	0	0	0	0	0.0
Total Supply	95.5	52.2	33.4	62.1	24.8	24.8
100% 2035 maximum day demand ⁽²⁾	24.7	24.7	24.7	24.7	24.7	23.3 ⁽⁴⁾
Balance⁽¹⁾	70.7	27.4	8.6	37.4	0.0	1.5
115% 2035 maximum day demand ⁽³⁾	28.4	28.4	28.4	28.4	28.4	26.8
Balance⁽¹⁾	67.0	23.7	4.9	33.7	-3.7	-2.0

Notes:

- (1) Values shown in green font reflect a supply surplus, while negative values shown in purple font indicate a supply shortfall.
- (2) Maximum day demand reflects 2035 demand conditions, using 1.5 maximum day demand/average day demand peaking factor.
- (3) Per Mesa Water planning criteria, a 115 percent buffer is applied to maximum day demand to project future supply needs.
- (4) Reflects a decrease in potable maximum day demand of 1.5 mgd due to recycled water being available to serve the Green Acres Project irrigation demands.
- (5) Emergency interties provide additional short-term redundancy during emergency conditions but are not relied upon for future supply planning.

As shown in Table 3.6, Mesa Water will have sufficient supply capacity to meet 115 percent of the projected maximum day demand for year 2035 under all the scenarios evaluated. However, Mesa Water would not have sufficient supply capacity to meet 115 percent of the projected maximum day demand in 2035 for the extreme scenarios 5 and 6 with only firm groundwater supplies.

However, in the event of an outage of any of the larger groundwater wells and the MWRF, temporary use of imported water from Metropolitan via MWDOC or via utilization of one or more of the existing emergency interties would be required to address the supply shortfalls shown in Table 3.6.

3.4 Future Supply Options

A total of four potential new water supply options were identified to increase the amount of local water supply to address the identified supply shortfalls shown in Table 3.6. These potential supply projects and their corresponding estimated supply capacities are summarized in Table 3.7.

Table 3.7 Potential Future Water Supply Options

Project Descriptions	Estimated Additional Capacity/Yield		
	gpm ⁽¹⁾	mgd ⁽¹⁾	AFY ⁽²⁾
Replacement of Clear Groundwater Well 5	600	0.9	580
Local Supply Improvement Project	625	0.9	1,000
Increase in Local Supply Improvement Project Capacity	1,250	1.8	2,000
Increase in Water Conservation	520	0.7	830

Notes:

(1) Additional capacity, assuming continuous use.

(2) The additional annual yield of clear well 5 considers a BPP of 85 percent. All values are rounded to nearest 10 AFY.

As listed in Table 3.7, the estimated supply capacity of these supply options range from 0.7 mgd to 1.8 mgd. However, the annual yield of the clear water wells is not a straight unit conversion to AFY because Mesa Water would not be able to utilize each source all year, due to seasonal variability of demands and BPP annual pumping constraints.

3.5 Water Supply Recommendations

As Mesa Water has sufficient supplies to meet 115 percent of the projected 2035 maximum day demand with groundwater only, there is no actual supply shortfall because a temporary outage of any combination of groundwater wells and/or the MWRF can readily be addressed by using imported water or delivery via 1 of its 16 emergency connections from neighboring utilities.

Hence, the only recommendations to strengthen Mesa Water's local water supply reliability are as follows:

- **Supply Improvement Project:** Continue the local Supply Improvement Project feasibility study in collaboration with the cities of Huntington Beach and Newport Beach to determine the potential, costs, benefits, and constraints of brackish groundwater desalination. As this project will take years to implement and future imported water costs are expected to continue to increase, proactive local supply planning will allow Mesa Water to make informed investment decisions. Depending on how this feasibility evolves, Mesa Water could consider negotiating a larger capacity share to increase its local supply capacity beyond the current estimate.

- **Well 5 Replacement:** Once Well 5 reaches the end of its useful life it will be replaced. Production from the replacement well is estimated to provide approximately 580 AFY of additional local supply capacity.
- **Water Conservation:** Although additional water conservation is not needed by Mesa Water to meet the water supply reliability criterion of 115 percent of maximum day demand or meet the State Water Resources Control Board's total water use objective of 92 gpcd as the estimated current average water use is 85 gpcd, it is anticipated that additional water conservation may occur through voluntary participation in ongoing and/or new programs implemented by Mesa Water and MWDOC. As customers are becoming increasingly more aware of water scarcity challenges; the average per capita water use may continue to decline further. It is recommended that Mesa Water continue to monitor new state regulations, as additional conservation may be required to meet future state mandates and specific targets for indoor or outdoor water use.

CHAPTER 4 DISTRIBUTION SYSTEM ANALYSIS

4.1 Hydraulic Model Calibration

Mesa Water's existing hydraulic model was calibrated using the InfoWater Pro (by Autodesk) software platform. The model was calibrated over a 24-hour demand period (extended period simulation) based on SCADA data and sixteen pressure logging data collected between July 2024 and August 2024. The extended period simulation calibration scenario includes weekday and weekend diurnal patterns for the system derived from SCADA data. The primary varied parameters for this calibration were operational controls and pipeline roughness coefficients, although other parameters were also adjusted as calibration results were generated. As-built plans were reviewed for all wells, reservoirs, and pump station facilities and utilized to update the facility geometry as needed. Details regarding the model update and calibration process are included in **Appendices E and L**.

Besides the extended period calibration scenario, average day demand, maximum day demand, and maximum day demand plus fire flow scenarios were added to the model. The average day demand scenario was used to allocate demands and the maximum day demand scenarios were used for the distribution system evaluations.

4.2 System Evaluation Criteria

The system evaluation criteria that were utilized for the water distribution system evaluations under both existing and future demand conditions are summarized in Table 4.1.

Table 4.1 Water Distribution System Analysis Evaluation Criteria

Description	Value	Units
Minimum Pressure		
Peak Hour Demand	40	psi
Maximum Day Demand+ Fire Flow (at hydrant)	20	psi
Maximum Day Demand + Fire Flow (at the service connection/model junction)	20	psi
Maximum Pressure		
Without Service Lateral Pressure Regulator	80	psi
With Service Lateral Pressure Regulator	120	psi
Pipeline Criteria		
Maximum Velocity with Peak Hour Demand	7	fps
Maximum Velocity with Maximum Day Demand + Fire Flow	15	fps
Minimum Size for Pipeline Replacement	8	in
Fire Fighting Capabilities		
Minium Flow Requirement	1,500	gpm for 2 hours
Airport and South Coast Plaza	6,000	gpm for 4 hours

4.3 Existing Water System

Mesa Water's distribution system serves water to approximately 110,000 people through a network of approximately 317 miles of pipeline ranging from 4-inch to 42-inch in diameter. Due to minor variation in topography, the entire water system is comprised of only one pressure zone. The hydraulic profile of Mesa Water's distribution system is schematically depicted on Figure 4.1.

As shown on Figure 4.1, the system is supplied by nine active groundwater wells (No. 1B, 3B, 5, 6, 7, 9B, 11, 12, and 14). Two of these wells (No. 6 and 11) pump water from the deep amber-tinted that is treated at the MWRf. In addition to local sources, backup supply of imported water from Metropolitan through MWDOC is available from six imported water connections. These six connections are CM-2, CM-6, OC-14, and turnouts 2, 4, and 5 with the OC-44 feeder. Mesa Water also has fifteen emergency connections with Newport Beach, Santa Ana, and Irvine Ranch Water District with an additional emergency interconnection with the City of Huntington Beach that is currently in the preliminary stages of development.

The water distribution system also has two ground level storage reservoirs. Reservoir 1 has a volume of 9.5 million gallons (MG), while Reservoir 2 has a capacity of 18.7 MG. These reservoirs are replenished during low demand periods. Each reservoir has a booster pump station to supply water into the distribution system. The MWRf also has a high-lift pump station and 1.25 MG storage reservoir. The clear wells and imported water connections directly feed into the distribution system.

4.4 Hydraulic Analysis

The system was analyzed under maximum day demand and maximum day demand plus fire flow. The analysis showed that the system generally met minimum and maximum pressure and velocity criteria and was able to deliver the required fire flows through the main pipelines.

4.4.1 Water System Pressure Analysis

Based on analysis with the hydraulic model it was concluded that the existing system meets the minimum pressure criteria of 40 psi and maximum pressure criteria of 120 psi under all demand conditions. The maximum day, peak hour minimum pressure contours and maximum pressure contours are shown on Figure 4.2 and Figure 4.3, respectively. Most of the system has minimum pressures ranging from 50 psi to 100 psi.

System pressures exceed 100 psi in the northerly portion of the system in the vicinity of the wells and MWRf. The wells and MWRf discharge water into the system at about 90 to 100 psi so that the pressures in the southerly portion of the system can meet the minimum pressure requirement. The elevation difference between the northerly portion of the system and the highest point in the southerly portion of the system is approximately 84 feet. At the time of this study, the location of individual pressure regulators was not mapped. For the purposes of this analysis, it was assumed that water services in areas with pressures above 80 psi have individual pressure regulators.

4.4.2 System Velocity Analysis

The existing system generally meets the maximum velocity criteria under all demand conditions as depicted on Figure 4.4. However, there are seven pipe segments that have a maximum velocity exceeding 5 feet per second (fps), two of which exceed a maximum velocity of 7 fps in the maximum day demand and peak hour demand analysis. It was determined that these high-velocity pipelines are due to the installation of Wells 12 and 14 and that these high velocities do not negatively impact system pressures. Hence, no recommendations were made to mitigate the high velocities. However, when Well 5 will be used in the future in conjunction with Wells 12 and 14 or when the Well 5 pump is replaced with a higher capacity pump, the high velocity existing 18-inch diameter pipeline on Hyland Avenue between MacArthur Boulevard and Scenic Avenue may need to be upsized or a parallel pipeline may need to be installed.

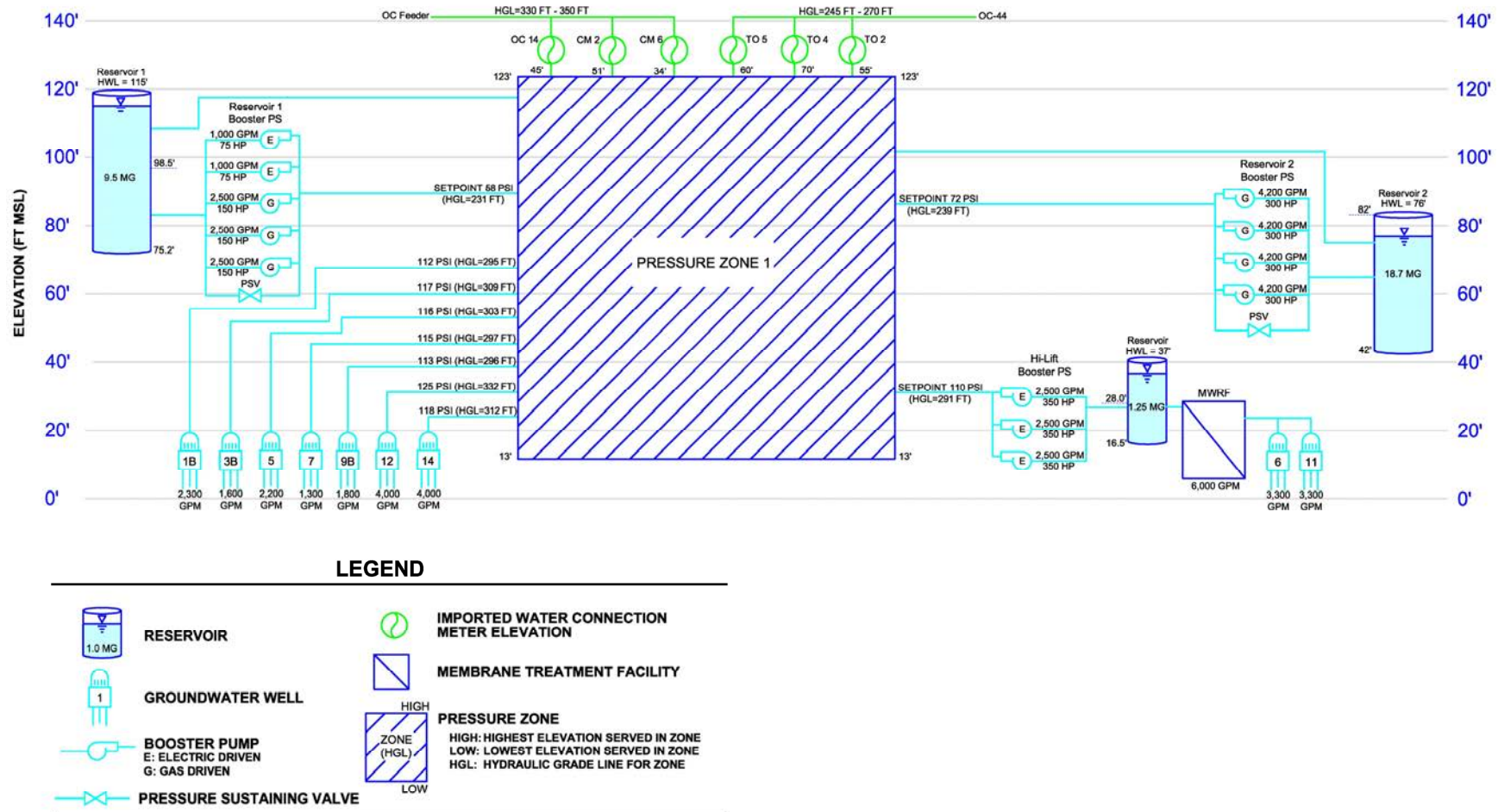


Figure 4.1 Water System Hydraulic Profile

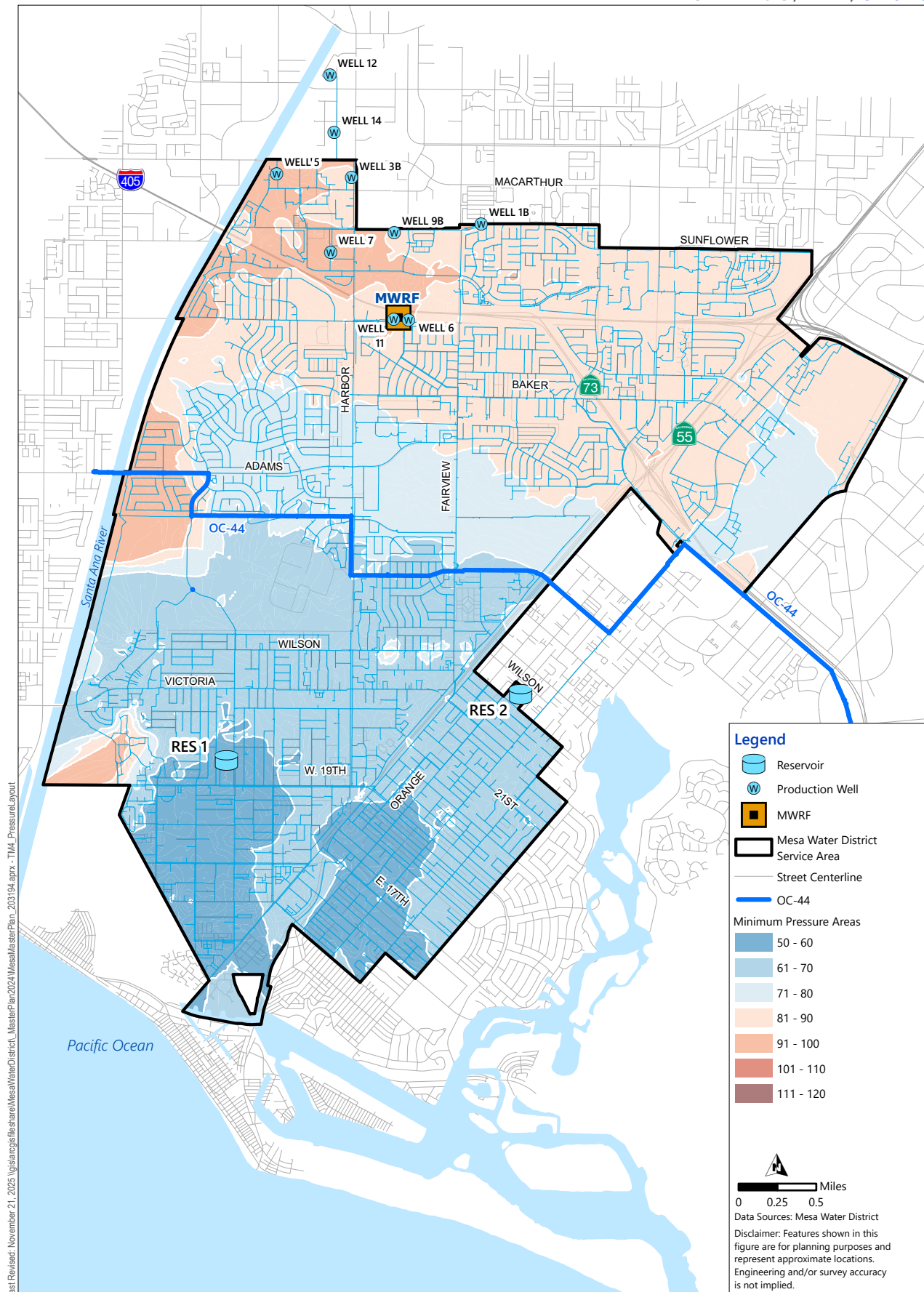
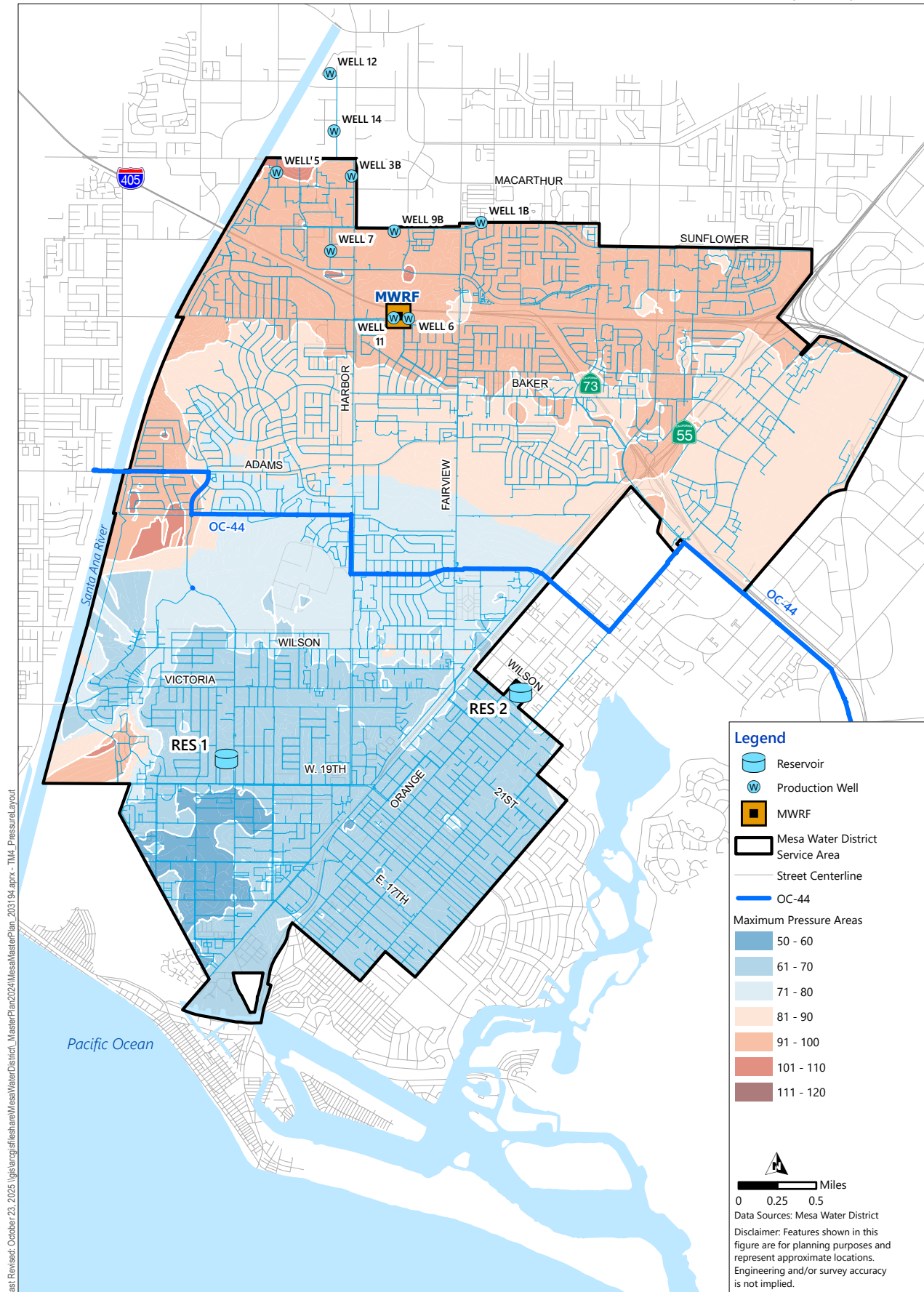


Figure 4.2 System Minimum Pressure Contours
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE



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Figure 4.3 System Maximum Pressure Contours
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

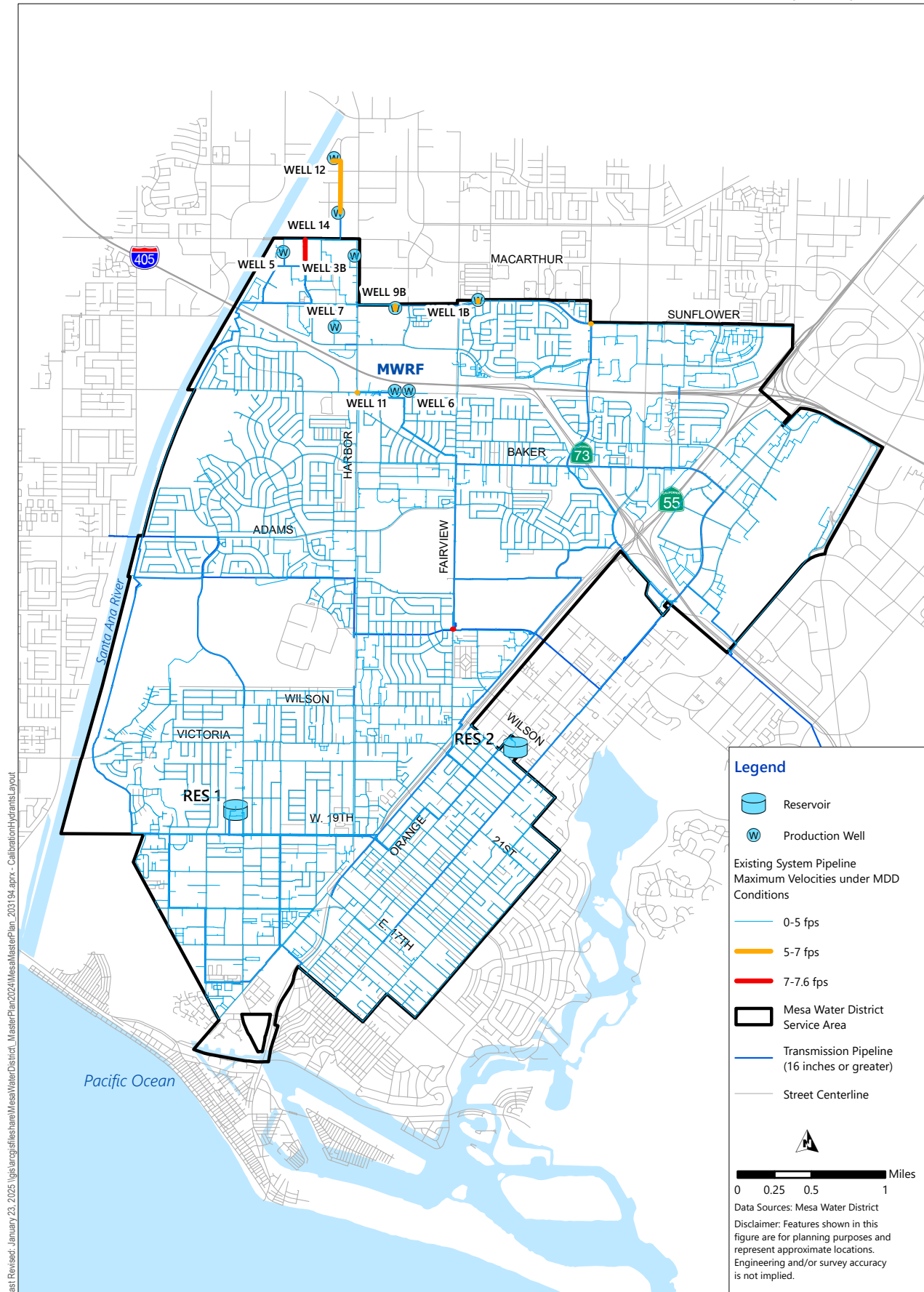


Figure 4.4 System Maximum Velocity
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

4.4.3 Fire Flow Analysis

The fire flow analysis was performed under maximum day demand conditions, which typically occur during the summer. This demand condition is referred to as "maximum day demand plus fire flow".

Ten locations in the distribution system were selected for this analysis that represent a mix of spatial distribution and areas of interest, including areas with lower static head and land use types requiring high fire flow protection capacity, such as medical facilities, the airport, and schools, where the demand for reliable fire flow is critical.

The results of available fire flow at the minimum residual pressure of 20 psi both at the hydrant and the pipe are summarized in Table 4.2, while the results are spatially shown on Figure 4.5 and Figure 4.6. As shown, the available fire flow at 20 psi is above the required criteria for each of these locations in Mesa Water's distribution system pipelines. However, due to head losses in the hydrant lateral, the available flow at a single hydrant is below the required criteria at most locations. To meet the required fire flow at these locations, the system receives flow from multiple hydrants or from a dedicated fire lateral.

Table 4.2 Fire Flow Analysis Results

Model Run No. ⁽¹⁾	Hydrant Grid ID	Hydrant Label	Location	Fire Flow Criteria at 20 psi (gpm)	Pipeline Diameter (inches)	Available Flow (gpm) at 20 psi (Pipe)	Available Flow (gpm) at 20 psi (Hydrant)
1	62	50A	South Coast Plaza ⁽²⁾	6,000	10	> 7,000	1,720
2	84	23A	John Wayne Airport Terminal ⁽²⁾	6,000	12	6,650	1,675
3	68	21A	John Wayne Airport Fuel Tank Farm	6,000	8	6,450	1,675
4	13	12A	Santa Ana Riverbed (north)	Undefined	6	2,750	1,500
5	7	54A	Santa Ana Riverbed (south) ⁽²⁾	Undefined	12	> 7,000	1,540
6	35	16A	Triangle Square ⁽²⁾	3,000	16	> 7,000	1,360
7	22	4A	Industrial Area - Monrovia & 16th	4,000	6	6,250	1,250
8	95	41A	Industrial Area - 17th & Tustin	4,000	10	> 7,000	1,340
9	42	28A	Orange Coast College	4,000	8	4,650	1,480
10	84	39A	Estancia High School ⁽²⁾	4,000	16	> 7,000	1,500

Notes:

(1) Locations correspond with numbering shown on Figure 4.5 and Figure 4.6, while details on Facility IDs are included in Table 4.4. of Technical Memorandum 4 (Appendix E).

(2) Existing fire service at location.

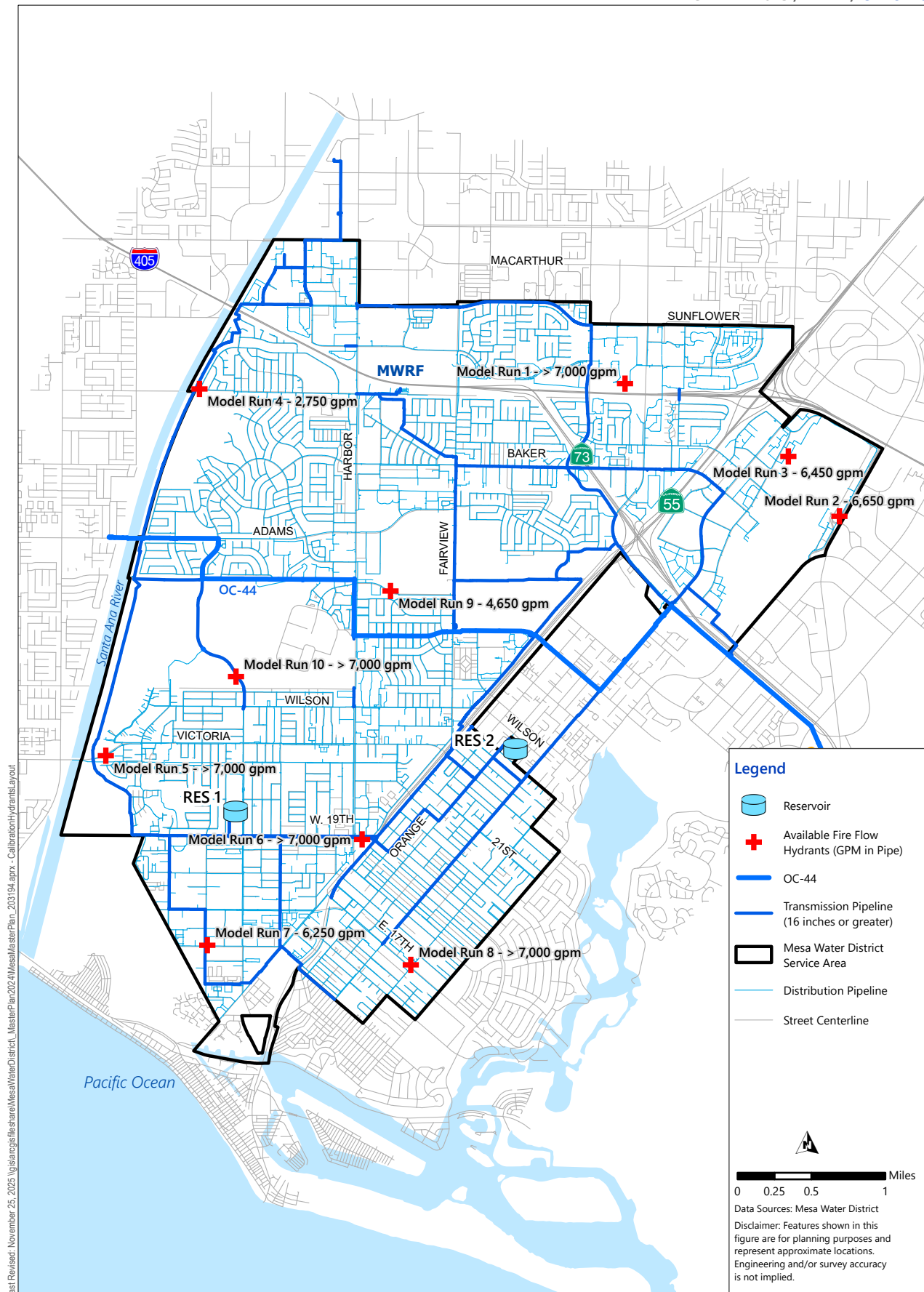


Figure 4.5 Available Fire Flow at 20 psi at Pipe
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

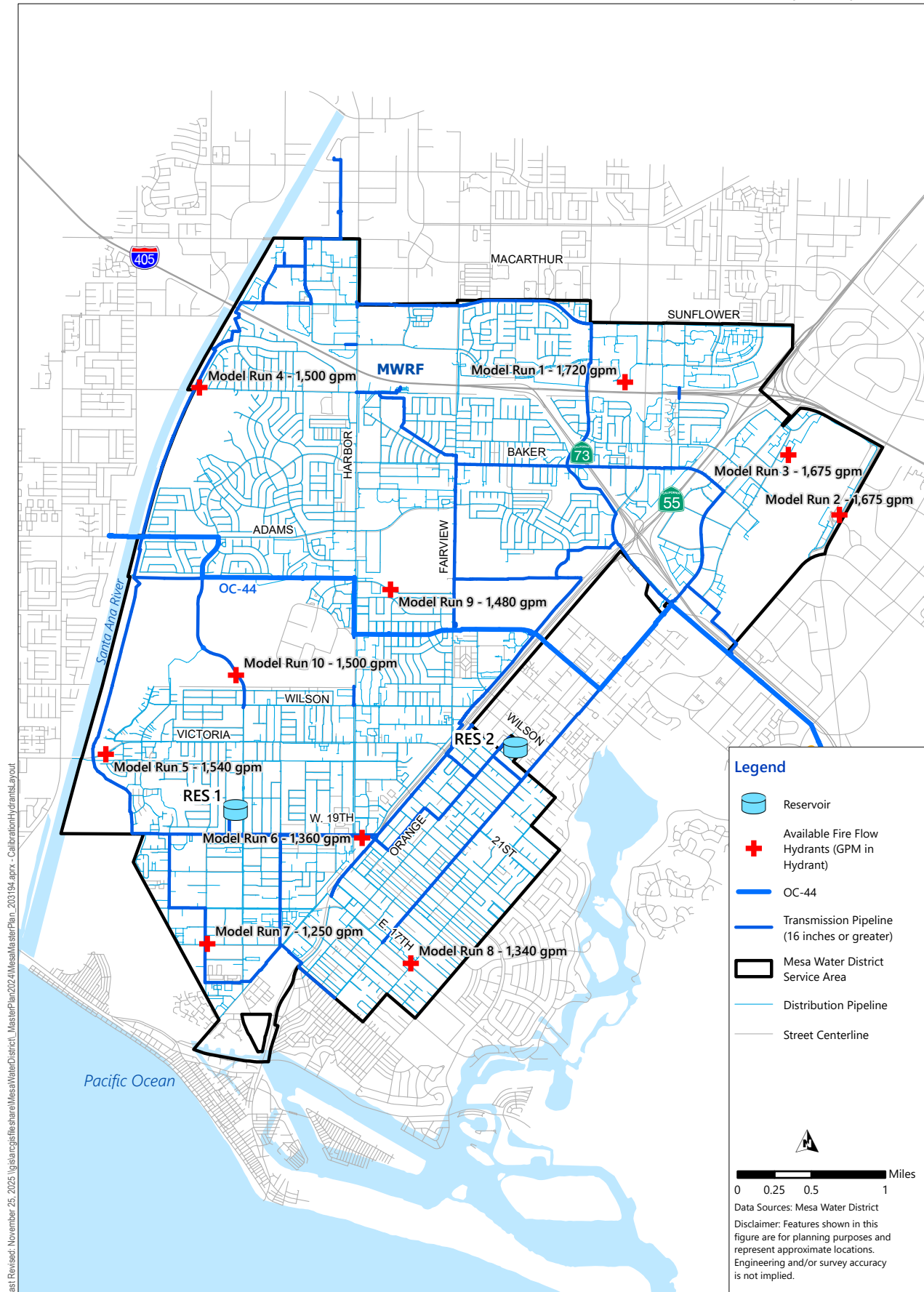


Figure 4.6 Available Fire Flow at 20 psi at Hydrant
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

4.5 Distribution System Capacity Recommendations

Based on the distribution system analysis, it can be concluded that the system can meet its maximum day demand plus fire demands at the main pipe connecting to the hydrant lateral. Although the flow requirements at individual hydrants cannot be met in most cases, it is effectively addressed using the existing distribution system infrastructure. By utilizing system looping and using multiple hydrants as fire hydrants already placed every 300 feet, the hydraulic evaluation criteria is met. Moreover, there are established fire service lines at critical facilities. Collectively, the system provides adequate coverage and capacity to meet fire flow needs for the locations analyzed as part of this CIP Update. A comprehensive fire flow analysis was performed in the 2014 Water Master Plan which evaluated each hydrant and pipeline segment. The recommendations from this analysis are included in **Appendix E**.

CHAPTER 5 FACILITIES CONDITION ASSESSMENT

Desktop and field condition assessments were conducted to determine the current condition and improvement needs of Mesa Water's existing water system facilities, distribution system, and transmission systems. This information was used to generate a basis of renewal needs to be considered with other Master Plan findings, such as supply and demand forecasts.

To assess the condition of the existing facilities, various specialty subconsultants and test methods were applied. Vaults were visually inspected by V&A, Reservoirs 1 and 2 were inspected by divers from Blue Locker Diving, and visual condition of the reservoirs, wells, cathodic protection systems were assessed by senior engineers from Carollo in the structural, mechanical, and electrical and instrumentation control disciplines.

Condition assessment methods for each of the facility types are described in the following paragraphs. Details of the studies are included in **Appendices D, I, and J**.

5.1 Distribution System Condition Assessment

Mesa Water's Pipeline Integrity Program defines the methodology for pipeline management decisions. The pipeline integrity program defines pipeline cohort groups as pipelines of similar installation date, materials, and diameter, which were often installed as one project, and are expected to have similar performance. The pipeline integrity program uses a combination of break history and condition assessment to determine the pipeline cohort groups' remaining useful life and drive "operate" versus "replace" decisions. Mesa Water's break thresholds are provided in Table 5.1.

Table 5.1 Pipeline Integrity Program Thresholds for Condition Assessment and Replacement

Pipeline Use	Condition Assessment		Replacement Consideration		
	Number of Breaks	Breaks Per Mile Per Year Exceeds	Remaining Useful Life	Condition Related Breaks	Breaks Per Mile Per Year Exceeds
Distribution (Diameter Less than 16 inches)	3	0.2	Less than 10 Years	5	1.0
Transmission (Diameter 16 inches or greater)	2	0.2	Less than 10 Years	3	0.5

If a pipeline cohort reaches its break threshold, condition assessment is triggered. If condition assessment shows that the pipeline cohort is with 10 years of its remaining useful life and has condition-related breaks or a break rate that exceeds its assigned threshold, the pipeline is considered "failed" and therefore considered for rehabilitation or replacement.

As of May 2025, 95 percent of Mesa Water's pipelines (approximately 284 out of 299 miles) have not exceeded the threshold for triggering condition assessment. Where condition assessment has been performed, no pipelines exceeded the threshold that would trigger scheduling the pipe alignment for replacement.

To support the pipeline integrity program, Mesa Water has a proactive leak detection program to proactively find leaks that have not yet surfaced. Mesa Water contracts for acoustic leak detection at a rate of 100 miles of pipeline per year, so the 317 miles of pipeline is surveyed in approximately 3 years. The proactive leak detection program has discovered leaks on service lines and at customer meter connections but has not discovered a leak on a main pipeline. This reinforces Mesa Water's assessment that the pipelines are in good condition.

As part of this CIP Update, Carollo reviewed the pipe break history data, leak detection program reported results, and pipe integrity reports to identify distribution system piping with higher potential for failure. For asbestos cement (AC) pipe, a Pipeline Integrity Testing Program report (HDR, November 2017), was provided that describes a methodology for Mesa Water to follow for testing, analysis, and decision-making. The results of the testing, summarized in a 2021 technical memorandum to Mesa Water (HDR, February 2021), indicate that the tested AC pipe samples have remaining useful life ranging from 35 to over 150 years (assuming a linear decay rate) with an average remaining useful life of 82 years.

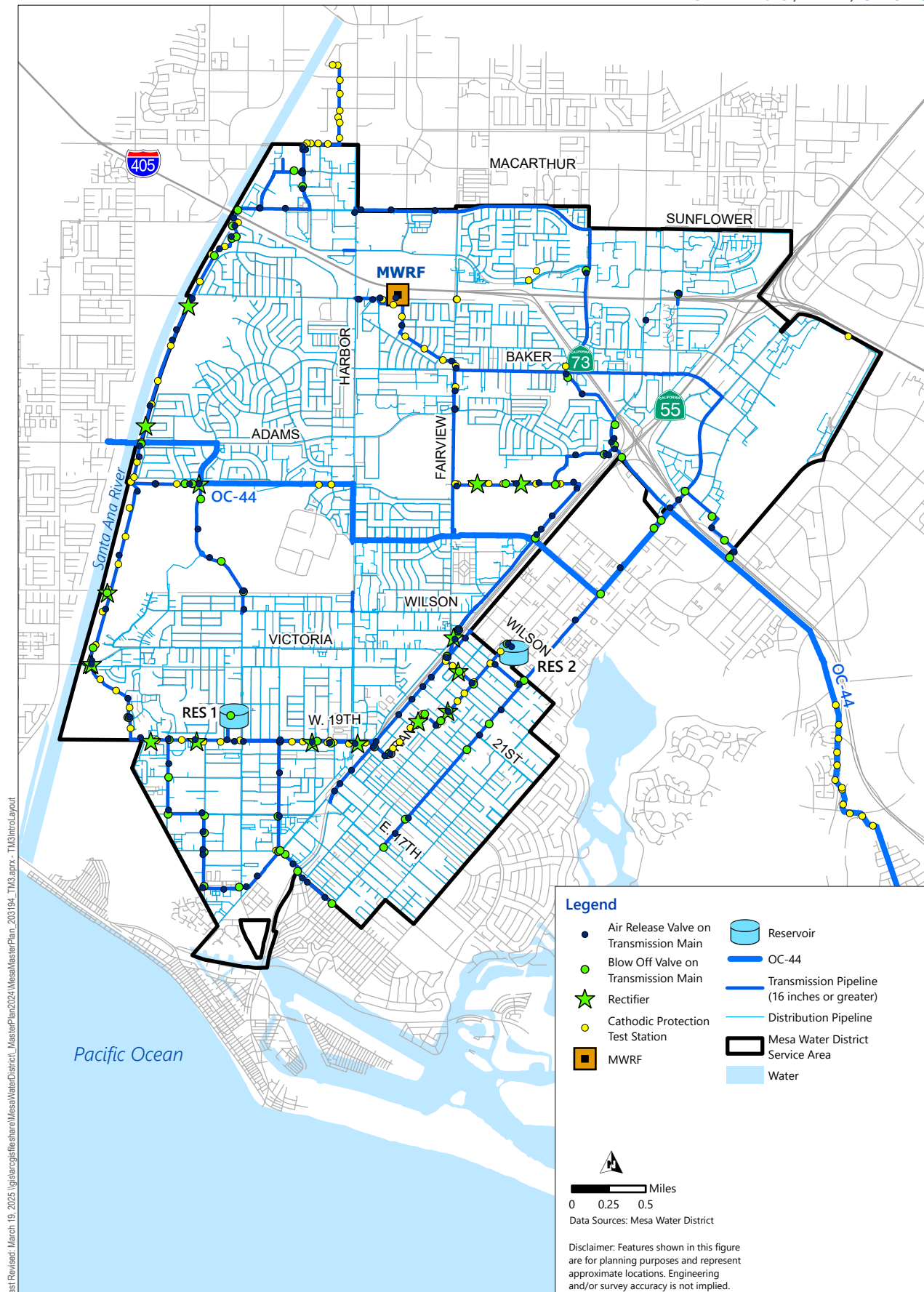
In addition to the AC pipe sample testing, Mesa Water also conducted a system-wide leak detection program between 2020 and 2023. The leak detection program covered the distribution and transmission pipes system-wide. The only leaks found from the acoustic testing were associated with service laterals and leaks at customer meter connections. No leaks were found on the water main piping.

Mesa Water tracks water main repairs due to breaks and leaks, categorized by cause (contractor hit, fitting failure, or other pipe failure). Pipes with a history of failure not caused by construction activity are more likely to have recurring failures. Water main repairs due to breaks and leaks are also documented in Mesa Water's GIS.

5.2 Transmission System Condition Assessment

Mesa Water's transmission system is depicted on Figure 5.1. It consists of 43 miles of pipeline that are 16-inch in diameter or greater, and the associated cathodic protection, valves, and appurtenances. The distribution of diameter and material by installation decade and quantity by length are shown in Figure 5.2 and Figure 5.3, respectively.

The evaluation of the transmission system includes summarizing the inventory of assets, developing and applying an asset management framework analytical model for the water mains, condition assessments of the cathodic protection system, air vacs and blow-offs, and recommendations for system valves.



Last Revised: March 19, 2025 (gisarcgisfileshare\MesaWaterDistrict_MesaWaterPlan_203194_TMA.aprx - TM3intro.layout)

Figure 5.1 Transmission System Map
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

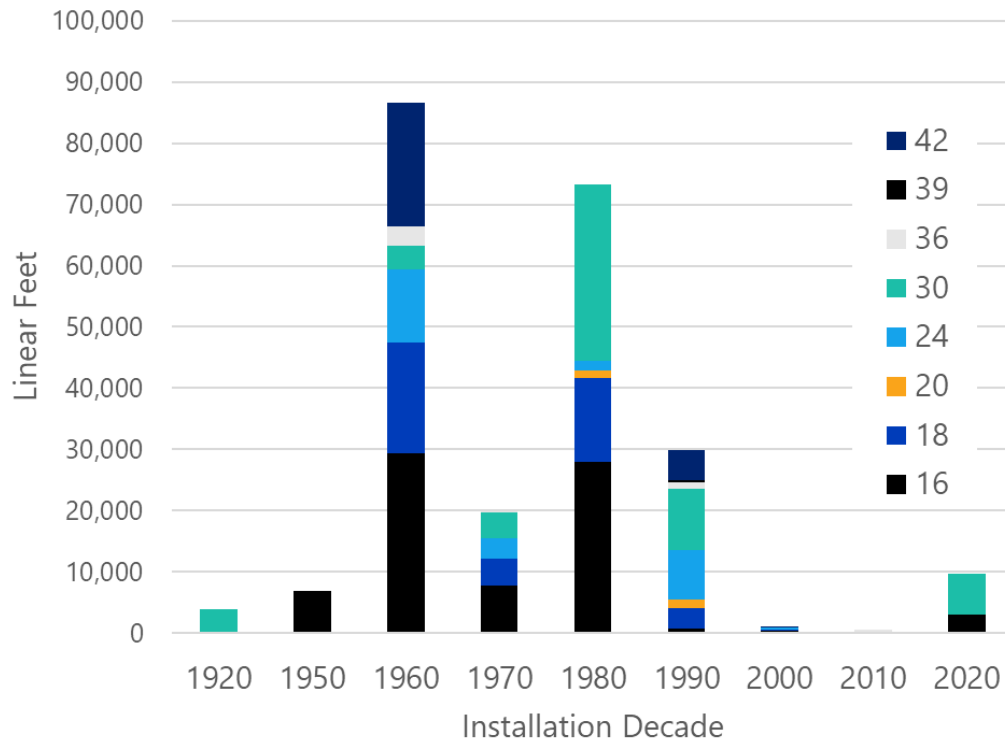


Figure 5.2 Transmission Pipeline Length by Diameter and Installation Decade

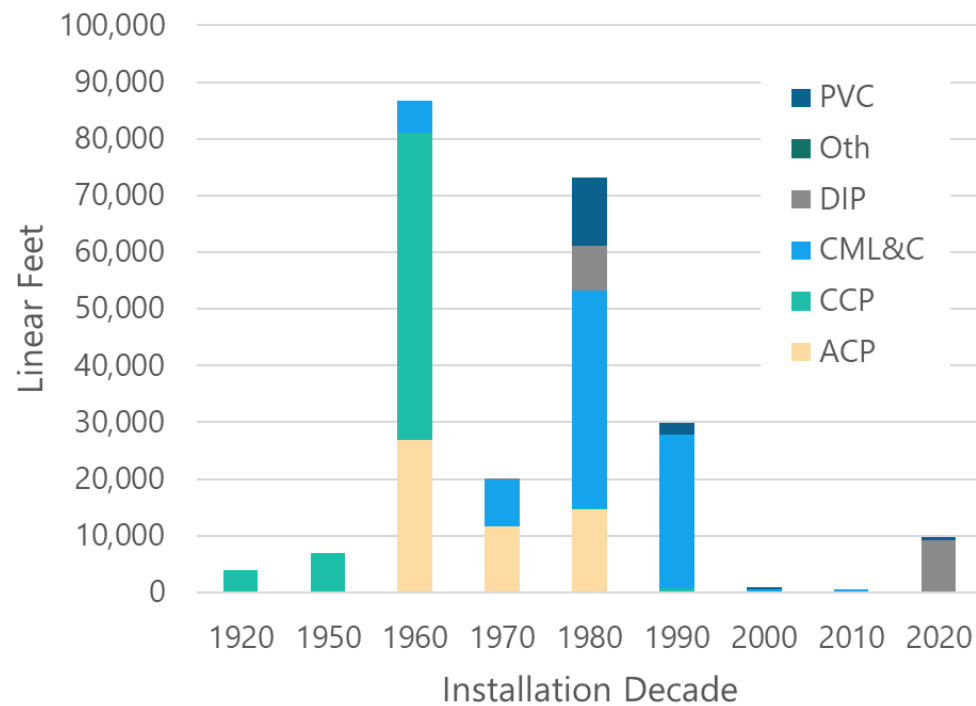


Figure 5.3 Transmission Pipeline Length by Material and Installation Decade

The likelihood of failure and consequence of failure scores from the asset management framework described in Section 7.3 were used to assign each asset to a prioritization category using the matrix illustrated in Figure 5.4. The upper right section, "Highest Priority", represents assets identified for urgent attention, whereas the bottom left, "Lowest Priority", represents assets that are new and of low consequence. The low consequence of failure assets typically includes assets that are operated as run-to-failure, and of these, those that are in good condition may also not have assigned preventative maintenance. Assets that are in higher priority categories are candidates for routine monitoring and prioritization for corrective or preventative action, which includes maintenance, rehabilitation, or replacement.

For linear assets, such as the water transmission system pipelines, Table 5.2 and Table 5.3 define the criteria and corresponding scores for each likelihood of failure factor and consequence of failure factor respectively. These criteria may also be used to assign failure scores to distribution system pipelines. Detail description of these criteria and scoring are included in **Appendix D**.

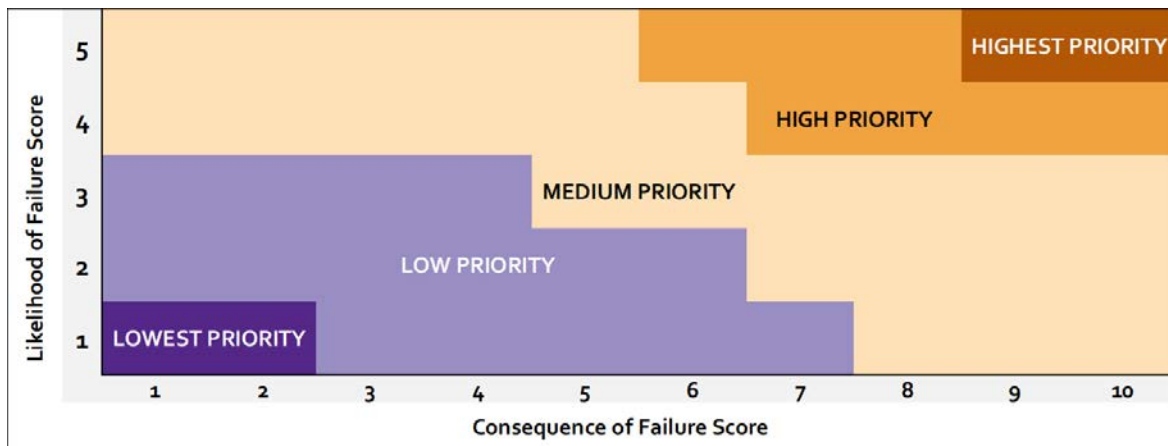


Figure 5.4 Likelihood of Failure and Consequence of Failure Matrix for Prioritization Categories

Table 5.2 Linear Likelihood of Failure Criteria

Category	Factor	Description	Score ⁽¹⁾				
			1	2	3	4	5
Condition	Remaining Useful Life (L1)	Remaining useful life based on pipe age and material or field inspection analysis.	> 50 years	21 to 50 years	11 to 20 years	4 to 10 years	≤ 3 years
	Pipe Integrity Program Breaks (L2)	Pipes evaluated on count or occurrence of breaks.	No Breaks	N/A	Low Breaks	N/A	High Breaks
Performance and Operations	Flow Deficiency/ Hydraulic Performance (L3)	Hydraulic model results for existing pipe capacity deficiencies.	Meets	N/A	N/A	Deficient (2035)	Deficient (now)

Notes:

(1) Likelihood of Failure score is calculated as the maximum score value of their respective factors.

Table 5.3 Linear Consequence of Failure Criteria

Category	Factor	Description	1 to 5 Score (1 to 10 equivalent shown in brackets) ⁽²⁾				
			1: Negligible [1]	2: Minimal [2-3]	3: Moderate to Significant [4-7]	4: High [8-9]	5: Critical [10]
Financial Impact	Pipe Size ⁽¹⁾ (C1)	Pipes evaluated based on their diameter as a surrogate measure for financial impact from repair needs.	≤ 6 inches	8 to 12 inches	14 to 20 inches	24 to 30 inches	> 30 inches
Loss of Service	Flow Rate (C2)	Pipes evaluated based on their average flow as a surrogate measure of magnitude of service loss.	Flow Rate ≤ 200 gpm	200 gpm < Flow Rate ≤ 650 gpm	650 gpm < Flow Rate ≤ 1,850 gpm	1,850 gpm < Flow Rate ≤ 3,550 gpm	Flow Rate > 3,550 gpm
Transportation	Road Type (C3)	Pipes evaluated based on proximity to road types.	All other pipes	Intersects within a 15-foot buffer of alley road centerlines	Intersects within a 20-foot buffer of local road centerlines or within 15 foot buffer of private road centerlines	Intersects within a 30-foot buffer or arterial roads centerline	Intersects within a 200-foot buffer of interstates, freeways or expressway centerlines
Environmental	Environmentally Sensitive Area (C4)	Pipes evaluated based on a proximity to sensitive hydrological areas.	All other pipes	NA	NA	Intersects within a 500-foot buffer for Creek, Canal/ Ditch, Flood Control Structure	Intersects within a 500-foot buffer for Stream, River, Lake, Pond, Wetland, or Reservoir

Notes:

- (1) The transmission system pipes are 16-inches to 36-inches in diameter. Import transmission line OC-44 has some 42-inch sections.
- (2) Consequence of Failure score is calculated as the maximum score value of their respective factors using a 1 to 10 scale.

5.2.1.1 Likelihood of Failure

The overall likelihood of failure score was assigned from the maximum of the three likelihood of failure factors, namely:

- **L1 - Remaining Useful Life:** Based on the desktop analysis it was determined that only two percent of pipelines are projected to be at the end of their remaining useful life, while five percent are projected to reach the end of their remaining useful life within the next 10 years.
- **L2 - Pipe Integrity Program Breaks:** Based on break data from 2011 to 2024 shown in Figure 5.6, a total of 11 main breaks were identified on the transmission system.
- **L3 - Flow Deficiency:** Based on the hydraulic distribution system analysis conducted with the hydraulic model as described in Technical Memorandum 4 (**Appendix E**) no hydraulic deficiencies were identified for transmission system piping under current or future demand conditions.

The likelihood of failure evaluation results are summarized in Figure 5.5. As shown in Figure 5.5, only 3 percent of the total system pipeline length is assigned the highest overall likelihood of failure score of five. Additionally, Figure 5.7 displays the likelihood of failure results spatially.

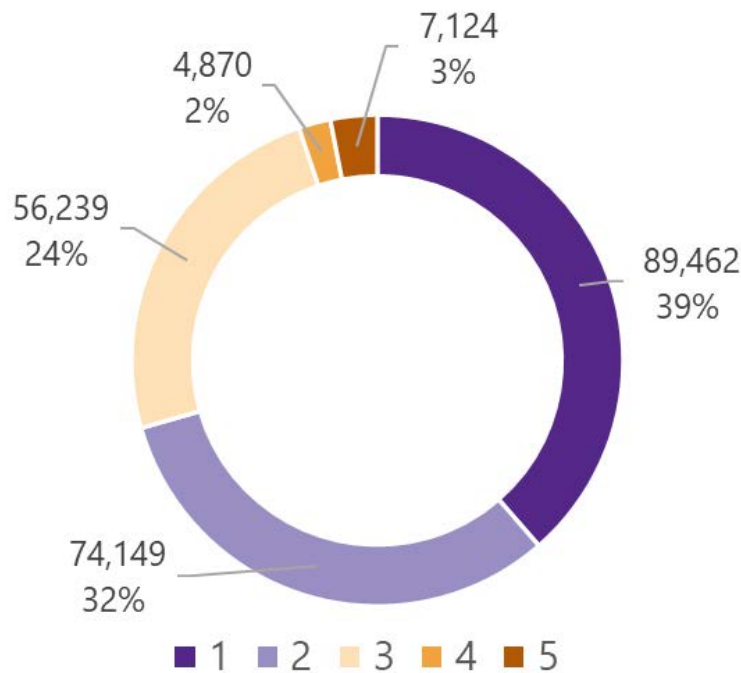


Figure 5.5 Transmission Pipeline Length (linear feet) by Overall Likelihood of Failure Score

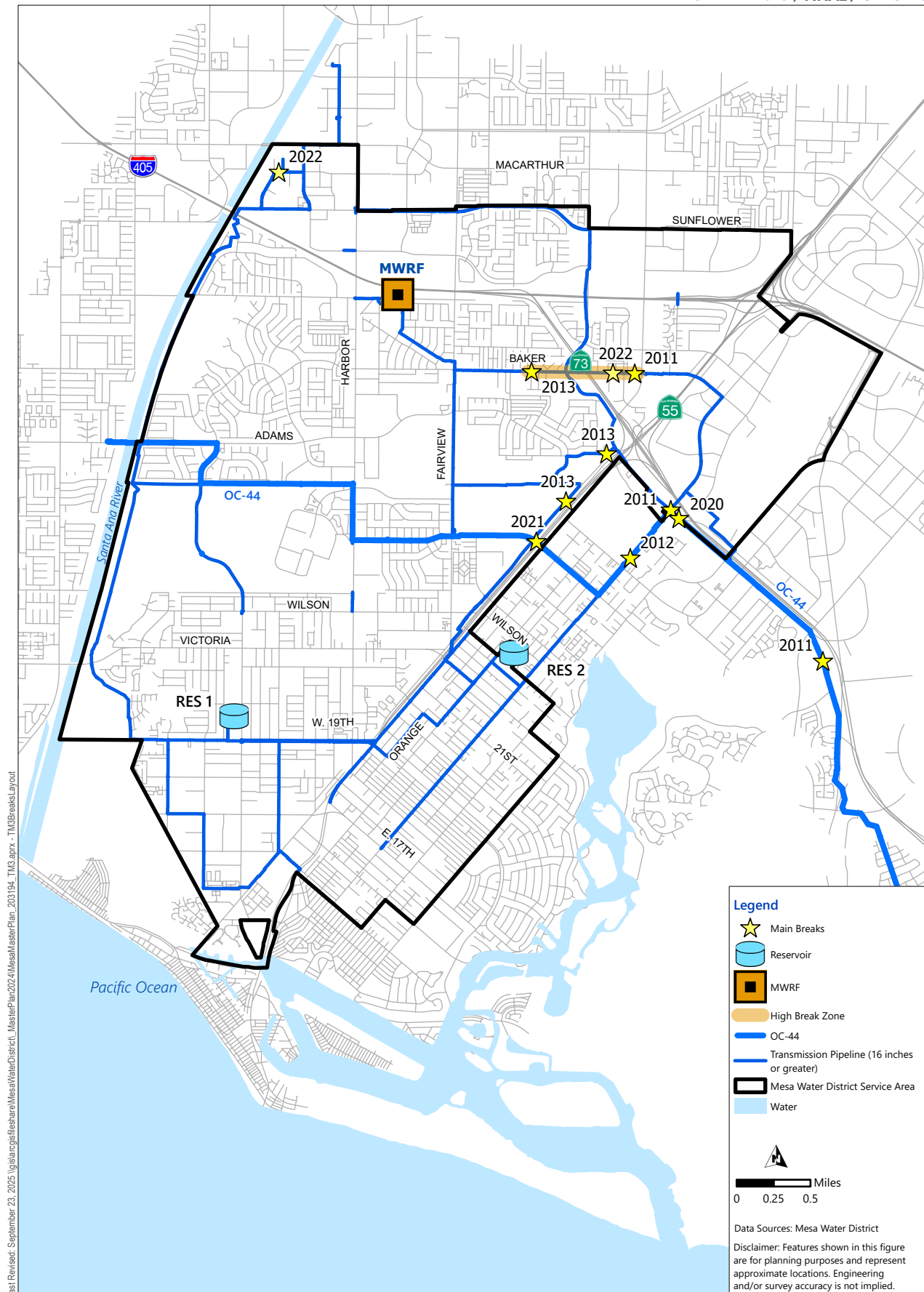


Figure 5.6 Transmission Pipeline Break Assessment (2011 - Present)
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

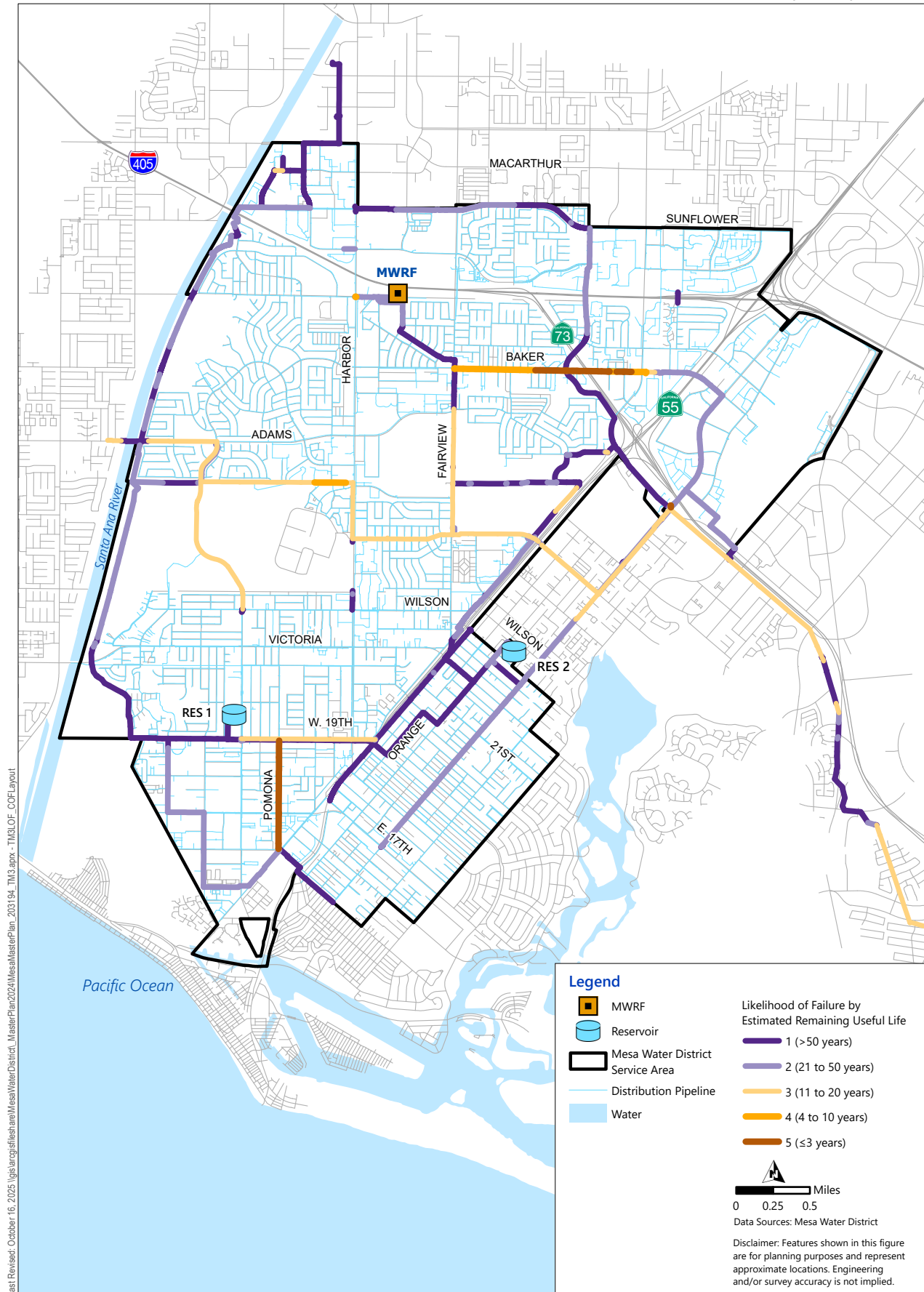


Figure 5.7 Transmission Pipeline Likelihood of Failure Map
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

5.2.1.2 Consequent of Failure

The overall consequence of failure score was assigned from the maximum of the four consequence of failure factors, namely:

- **C1 Pipe Size:** Since the desktop analysis is limited to transmission pipelines of 16-inches and larger, the value of C1 is three or greater per the definition listed in Table 5.3.
- **C2 Flow Rate:** Pipes were evaluated based on their average flow as a surrogate measure of magnitude of service loss, resulting in a less than 22 percent receiving a score of 4 or 5, while more than 35 percent (15 of 43 miles) received the lowest consequence score of 1.
- **C3 Road Type:** Considering the proximity of pipelines to road types, over 77 percent of Mesa Water's pipelines fall within the buffer distance definitions of arterial roads (score 4) and freeways (score 5).
- **C4 Environmentally Sensitive Area:** Considering the proximity of pipelines to sensitive hydrological areas, about 30 percent of Mesa Water's pipelines fall within the buffer distance definitions of high (score 4) or critical (score 5) impact water bodies or structures.

The overall consequence of failure results of the desktop evaluation with a breakdown by length as summarized in Figure 5.8. As shown, 23 percent of the total system pipeline length is assigned the highest overall consequence of failure score of five. Additionally, Figure 5.9 displays the likelihood of failure results spatially.

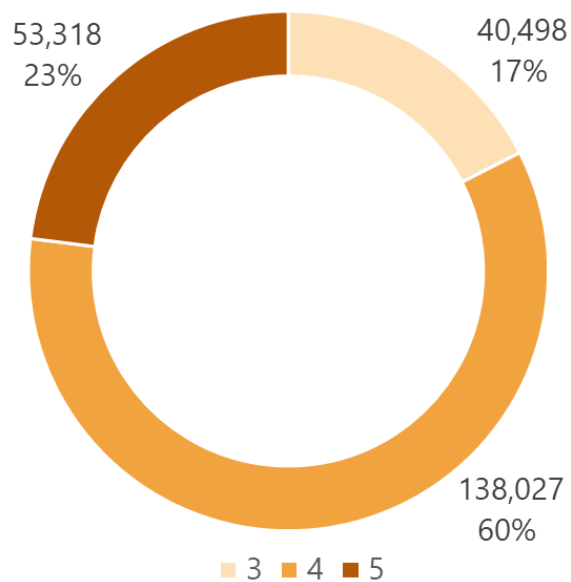


Figure 5.8 Transmission Pipeline Length (Linear Feet) by Overall Consequence of Failure Score

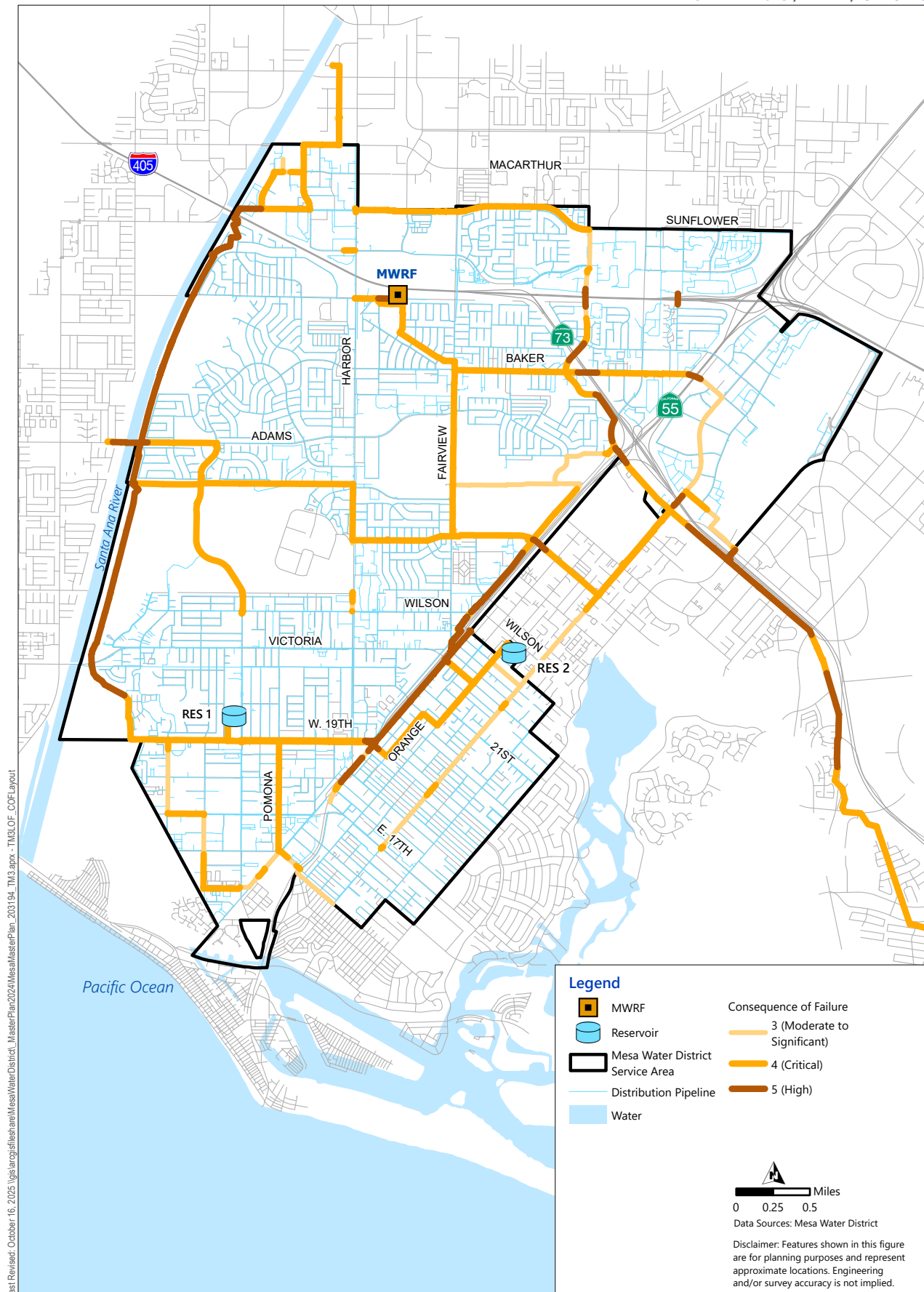


Figure 5.9 Transmission Pipeline Consequence of Failure Map
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

5.2.2 Prioritization Categories

The prioritization category assignments were compiled by combining the likelihood and consequence of failure scores. The results from the desktop evaluation with a breakdown by length and percent of total transmission pipe length is shown in Figure 5.10. As shown, 95 percent of the total system length falls in the low (2) to medium (3) prioritization categories, while only about five percent of transmission pipe length were classified as high or highest priority.

The locations of these high- and highest-priority pipelines are spatially shown on Figure 5.11. The highest priority pipe segments are along Baker Street and Pomona Avenue. On Baker Street, the high- to highest-priority assignments are from the high likelihood of failure score driven by the projected low remaining useful life and high break count, along with having a high consequence of failure score driven mainly by proximity to an arterial (4) or interstate (5) road type. Pomona Avenue is assigned to the highest priority category because of its high likelihood of failure score driven by being in service beyond its expected useful life (pipe was installed in 1926 with an estimated useful life of 75 years) and high consequence of failure score due to its 30-inch diameter and proximity to an arterial road type.

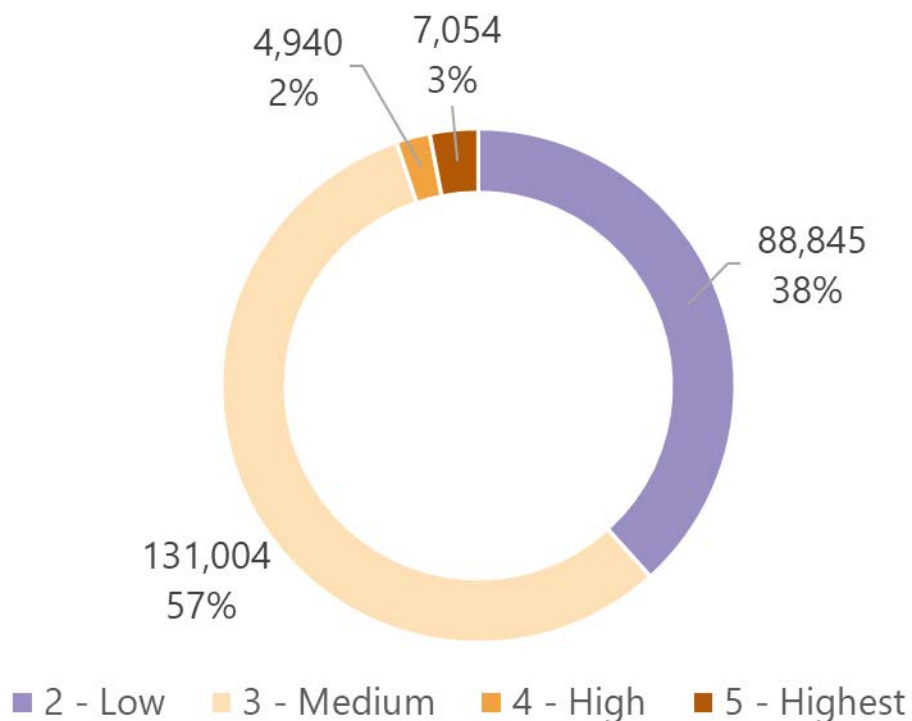


Figure 5.10 Transmission Pipeline Length (Linear Feet) by Prioritization Category

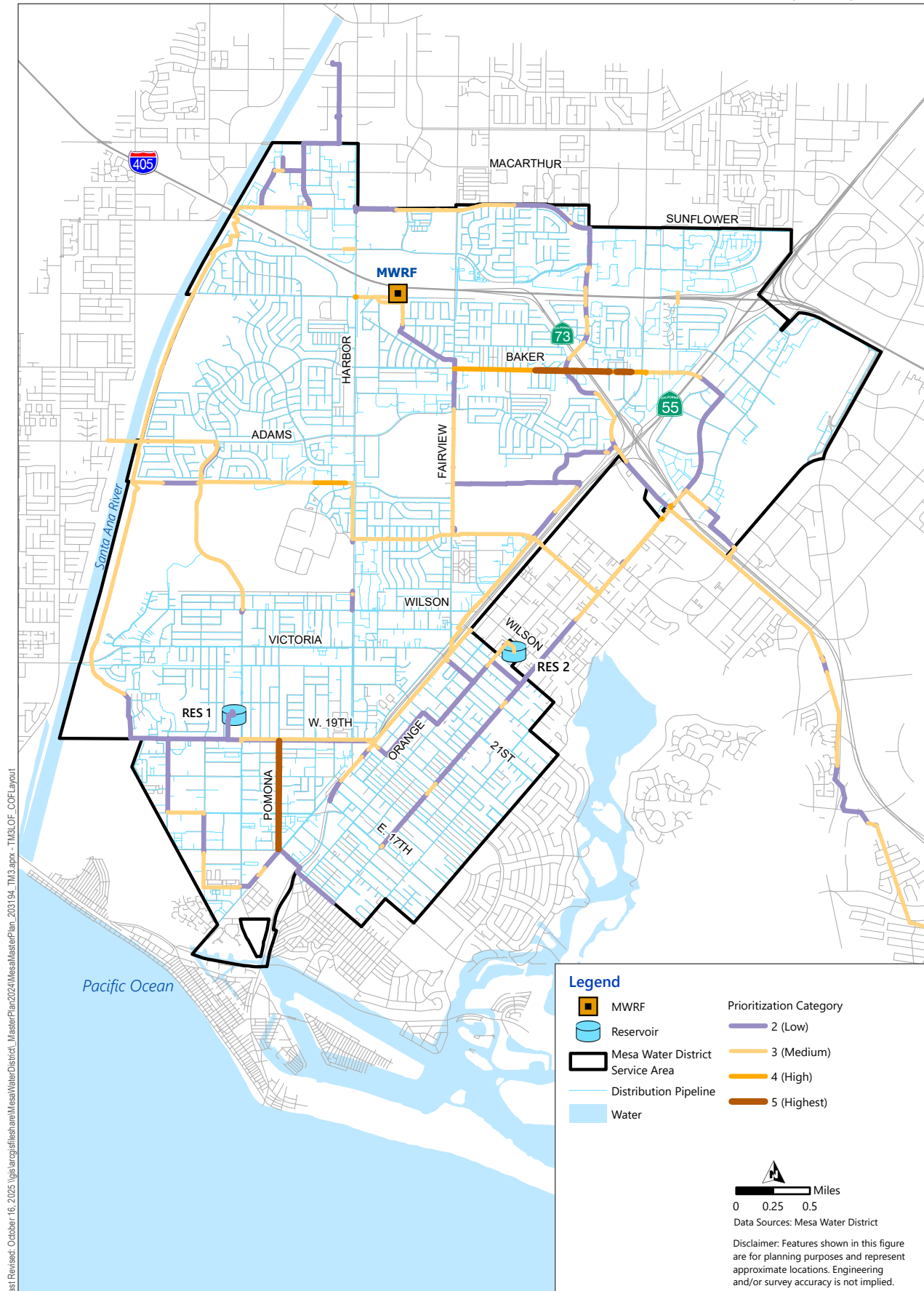


Figure 5.11 Transmission Pipeline Prioritization Map
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

5.2.3 Cathodic Protection Assessment

The objective of the cathodic protection system testing was to determine the remaining functionality of the cathodic protection systems, identify deficiencies, and provide recommendations for restoring the cathodic protection system to a protective status.

The cathodic protection assessment conducted as part of the CIP Update included the following activities:

- Baseline assessment (potential survey, rectifier testing, isolation testing, anode checks).
- Isolation Testing using pipe locate method from unlocatable test stations.
- Continuity testing using CS-10 to determine current requirements for adding a cathodic protection system in the future.
- Close-interval survey, which was not completed due to terrain and additional factors encountered during field inspection.
- Review of construction drawings for a cathodic protection system with 13 test stations that was installed in 2022 on a pipeline connecting Wells 12 and 14, known as the Chandler and Croddy Pipeline.

The locations of the cathodic protection test stations and rectifiers as represented in Mesa Water's GIS data along the transmission alignments are depicted on Figure 5.12. As part of the CIP Update, field condition assessment of the existing cathodic protection system for the following transmission main systems was conducted:

- **N-S Feeder:** The cathodic protection system was found to be in poor condition and in need of an overhaul. Only 18 of 36 test stations could be located, and five were deemed not part of the N-S Feeder. The entire pipeline was below the negative 850 millivolts criteria, and the soil corrosivity ranged from mild to very high. Four of the seven rectifiers were unpowered. The anode groundbed is recommended for replacement due to its condition and low output. Recommendations are phased by priority, with the highest priority being to replace all the rectifiers that are not working.
- **E-W Feeder:** The 2018 HDR Report showed that this pipeline was underperforming across the entire line, and no changes had been made to the system by Mesa Water. The 2018 HDR Report remains valid, and no additional cathodic protection assessment was conducted.
Eastside Feeder: The 2018 HDR Report showed that this pipeline underperformed across the entire line, and no changes had been made to the system by Mesa Water. The 2018 HDR Report remains valid, and no additional cathodic protection assessment was conducted.
- **Arlington:** The cathodic protection system on this line was found to be meeting protective criteria, despite one rectifier being inoperable. It is recommended that this pipeline continue to be maintained to alleviate corrosion.
- **OC-44:** The cathodic protection system on this line was found to be meeting protective criteria at eight of the test stations, but not at STA 404+42. It is recommended that the OC-44 line continue to be tested and monitored.

- **Bristol Bear:** The functionality of the cathodic protection system for this water main appeared similar to what was reported in the 2018 HDR Report. It is recommended that these anodes be replaced, and a new test station installed for the missing station at STA 5+38.
- **Tanager Drive:** The functionality of the cathodic protection system for this water main appeared similar to what was reported in the 2018 HDR Report. It is recommended that these anodes be replaced.
- **Cape Apartments:** The functionality of the cathodic protection system for this water main appeared similar to what was reported in the 2018 HDR Report. It is recommended that these anodes be replaced, and a new test station installed for the missing station at STA 0+52.
- **Chandler and Croddy:** The cathodic protection field assessment results for this pipeline indicate that it is protected according to industry criteria, and the anodes all show that they are operative. It is recommended that during the next cathodic protection test, test boards are installed at each test station.
- **Orange Avenue:** Testing identified that continuity does exist on this pipeline, and that a cathodic protection system is likely necessary. Testing at two test stations revealed that a galvanic system with current outputs in the range of 30-60 milliampere (mA) would protect the line.
- **Conway Avenue:** Testing identified that continuity does exist on this pipeline, and that an impressed current cathodic protection system may be necessary.

Details of the transmission system, cathodic protection system assessment, including the number of test stations, rectifiers, and soil conditions are listed in Table 3.8 of Technical Memorandum 3 (**Appendix D**).

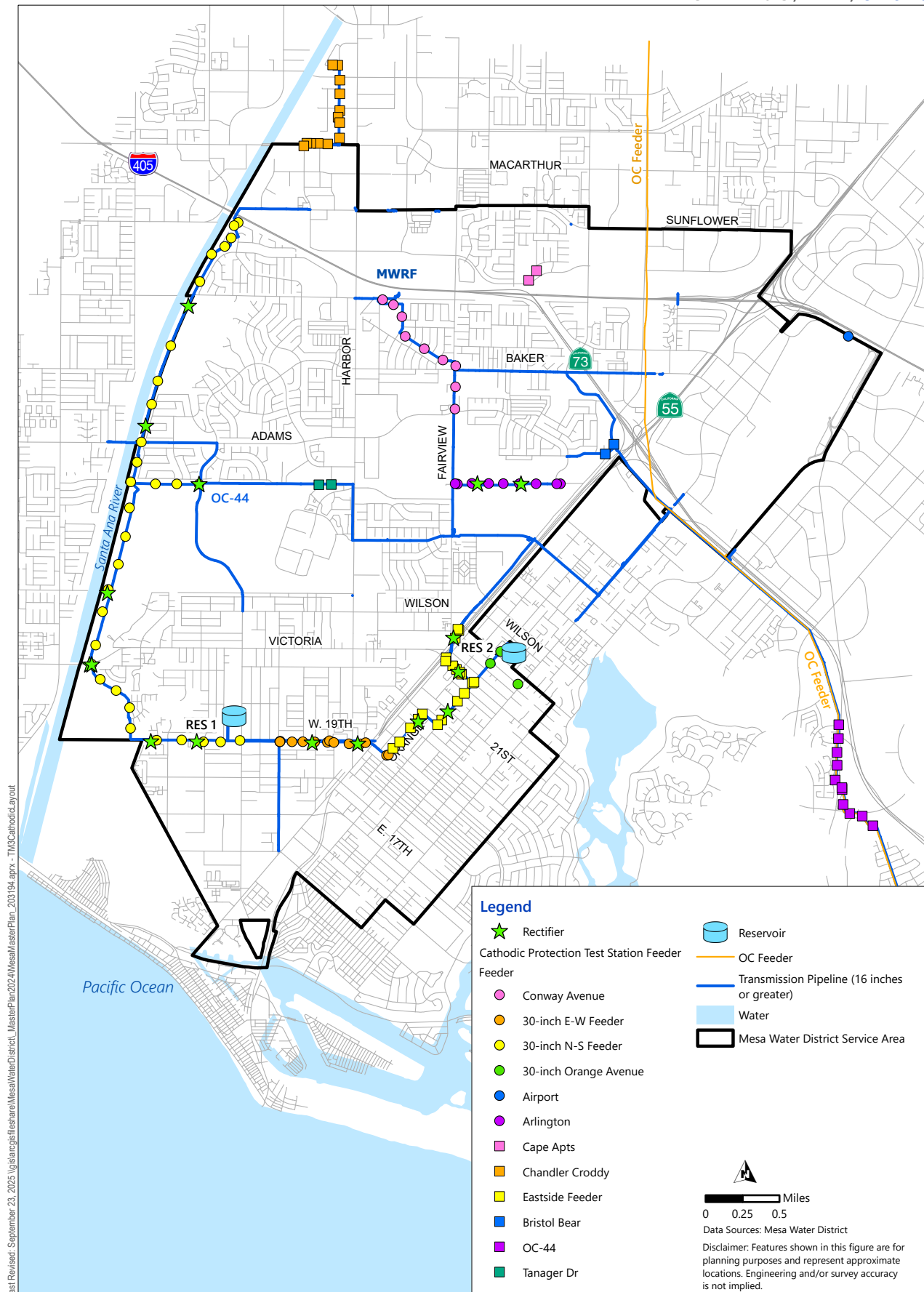


Figure 5.12 Cathodic Protection Test Station Locations by Transmission Alignment
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

5.3 Facilities Condition Assessment

Carollo, Blue Locker Diving, and V&A completed visual condition assessments of the Mesa Water's water system assets beginning in August 2024 and completed in December 2024. Carollo completed a visual condition assessment of the assets located at the MWRF, Wells, Reservoirs, Administrative Building, Operations Building, Yard, and Pressure Monitoring Stations. Blue Locker Diving completed a diving assessment of the two Reservoirs, and the finished water tank at the MWRF. V&A completed assessments of Pressure Monitoring Stations, Vaults and Import Stations, and Interties with Vaults.

5.3.1 Wells

The following key observations were made based on the field condition assessment and review of pertinent information for Mesa Water's groundwater wells, while details can be found in the well assessment described in Technical Memorandum 9 (**Appendix J**):

- **Well 1B:** Structural assets are in good condition, requiring only normal maintenance. Mechanical assets, including the ammonia and chlorine systems, are in excellent or good condition, needing only normal maintenance. The well pump shows corrosion, and the motor is noisy, requiring analysis, repair, or replacement. The ammonia storage tank's vacuum relief valve has corrosion and needs recoating or replacement. Electrical and instrumentation assets are generally in excellent or good condition.
- **Well 3B:** Structural assets are in good condition, needing only normal maintenance. The ammonia storage tank's vacuum relief valve shows corrosion and requires epoxy coating. The well pump housing and base plate are corroded and need new coating. The stand-by generator is in good condition. The well pump motor housing is rusting, and exposed outdoor conduit is brittle and sun-bleached, needing replacement. A desiccant monitor is not in use. Most instrumentation and controls are in excellent or good condition.
- **Well 5:** Structural assets are in good condition, needing only normal maintenance. The well pump has corrosion, missing anchor bolts, and oil/grease leakage, requiring investigation, repair, and recoating. The natural gas engine is in good condition. The Y-Strainer for the SH Meter for Pump 1 Feed needs replacement due to corrosion. The well pump level transducer may need attention to resolve the functionality once the desiccant system is back in use. Pressure switches for ammonia pumps 1 and 2 show deterioration and should be replaced. In 2018 the well was assessed to have a remaining useful life of 3 to 5 years which means that this well is due for replacement soon.
- **Well 6:** Structural assets are in good condition. Mechanical assets are in good condition. The discharge flowmeter is reported by staff to be inconsistent with other flow meter reading and should undergo a calibration check. If the meter still exhibits inconsistent readings, it should be replaced.
- **Well 7:** Structural assets are in good condition, needing only normal maintenance. The well pump motor and housing show corrosion, especially at the baseplate, requiring rust removal and new epoxy coating. The ammonia storage tank's vacuum relief valve shows corrosion, requiring inspection and remediation. The well pump level transducer enclosure is sun-bleached and should be replaced with sun-resistant material. The sodium hypochlorite (SH) meter for the pump 2 discharge pressure switch is severely corroded and should be replaced.

- **Well 9B:** Structural assets are in good condition, needing only normal maintenance. The well pump screens and foundation bolts show some corrosion, requiring repair and recoating. The discharge pressure switch for the SH meter for Pump 2 no longer works and should be replaced.
- **Well 11:** Structural and mechanical assets are in good condition.

5.3.2 MWRF

The following key observations were made based on the field condition assessment and review of pertinent information for the MWRF, while details can be found in the MWRF assessment described in Technical Memorandum 9 (**Appendix J**):

- **Chemical Building:** The building has moderate foundation cracking, and the floor drains have lifted. The chemical storage tanks and concrete enclosures are in excellent to good condition, with minor corrosion on the Caustic storage canopy and the sodium bisulfite area canopy. The mechanical and electrical assets were found to be in good condition. However, the footing for the Caustic Soda Peristaltic Pump 4 high-pressure discharge switch needs replacement.
- **Carbon Dioxide Pretreatment:** The mechanical, electrical, and instrumentation assets were found to be in good condition.
- **Degasifier:** Structural supports show signs of corrosion, and water is pooling on the slab around pumps. Some water leakage from the scrubber recirculation pumps discharge piping has been observed, and some drain and process piping shows severe corrosion. The air blowers' housings and motors and the metal guards show signs of corrosion.
- **Treatment Process Buildings:** Mechanical assets were found to be in good condition. The Primary Nanofiltration Feed Pump 1 variable frequency drive screen has malfunctioned.
- **High Lift Pump Station:** A motor base is corroding the floor level metal grating, and the exterior wall-mounted heating, ventilation, and air conditioning (HVAC) unit is showing signs of wear and corrosion. The existing evaporation cooler was found to be inoperable and the ventilation system is insufficient. High lift pumps baseplates have severe corrosion. The variable frequency drive for the High Lift Pump 2 is inoperable, and the motor for the High Lift Pump 3 sounds odd on startup.
- **Nanofiltration Pumping:** The mechanical, electrical, and instrumentation assets were found to be in good condition.
- **Vaults:** There are two bypass vaults and one meter vault. One bypass vault has leaks in the SH piping. The second bypass vault had standing water, and coating spot repairs are needed. The meter vault has moderate corrosion at the two corporation stops.
- Please note that the MWRF wells were included in the previous section.
- **Finished Water Tank:** The finished water tank at MWRF is a 1.25-million-gallon concrete storage tank. This tank was assessed via dive inspection revealing that both the interior and exterior ladders need safety climbs and the overflow and inlet piping has significant corrosion. It is recommended that the tank be taken out of service to sandblast and recoat the interior piping with an epoxy system, replace the vent screen, replace the caulking on the overflow, and check the leak detection system line.

5.3.3 Reservoirs

The following key observations were made based on the field condition assessment and review of pertinent information for the two Reservoirs, while details can be found in the reservoir assessment described in Technical Memorandum 9 (**Appendix J**):

- **Reservoir 1:** This reservoir was constructed between 1988 and 1990. It is a rectangular tank that has a capacity of 10 MG and is made of steel-reinforced concrete. The condition assessment of Reservoir 1 revealed several issues. Rebar corrosion was found in multiple spots on the interior wall, requiring repair. It is recommended that a leak test be conducted due to the hopper bottom tank design's potential for water loss. Externally, leaks were observed at most construction joints, with efflorescence visible at many overflow boxes and minor spalling in some areas of the exterior wall face. Water tends to pool around roof drains due to deficient slope around the downspout. Additionally, a vault on the site showed minor corrosion on pipes with a possible leak or groundwater infiltration requiring further investigation. It is recommended that this reservoir receive an inspection after any major earthquakes in the area.
- **Reservoir 2:** This reservoir was constructed between 1992 and 1995, and has a capacity of 18 MG. It is a circular, steel-reinforced concrete tank with 121 columns supporting the roof. The condition assessment of Reservoir 2 revealed several issues. A dive inspection noted minor hairline cracks on the floor with caulking pushing out of the joints, suggesting a leak test should be performed. An external structural assessment found minor to medium levels of corrosion on elements of the vent enclosure. The flow control vault has moderate corrosion on connectors, mounting brackets, and unistrut channels, and it is recommended that the electrical conduit components be replaced in two to five years. The subdrain vault shows severe corrosion on the check valves, galvanized steel discharge piping, pumps, flap-gate coupling on the 12-inch diameter butterfly valve, electrical conduits, and lower conduit supports, all of which are recommended for replacement in the next two years. The meter vault, however, was found to be in excellent to good condition with no immediate recommendations.

5.3.4 Booster Pump Stations

The following key observations were made based on the structural, mechanical, electrical, and instrumentation disciplinary field condition assessment and review of pertinent information for the two booster pump stations, while details can be found in the booster pump station assessment described in Technical Memorandum 9 (**Appendix J**):

5.3.4.1 Reservoir 1 Pump Station

- **Structural Assets:** The structural assets, including SH, Ammonia, and Brine Tanks, the building pump house, and the facility paving and site wall, were found to be in good condition.
- **Mechanical Assets:** Several issues were found with the existing pumping equipment. Replacement of pumps, natural gas engines, and engine control systems is in progress, with new pumps using electric motors and variable frequency drives scheduled for installation in FY2026. Engine 2 was not in operation and is more than 20 years old, making replacement parts difficult to acquire. The engine catalytic converters all show signs of corrosion, and the Catalytic converter for Engine 2 is not intact or connected to the exhaust system. Engine 3 leaks oil, and water, and requires significant maintenance.

The vertical turbine pump 1 motor base is rusted, and there is some corrosion by the shaft seal guard. The Vertical Turbine Pump 3 motor base is corroded. The liquefied petroleum gas tank at the site is showing signs of advanced aging and corrosion, and has been removed.

- **Electrical Assets:** Electric Motors 1 and 2 fail occasionally and must be reset from the variable frequency drive control panel. Turbine induction Generator 1 Motor works, but the turbine generator is inoperable. Turbine induction Generator 2 is reported to be never operable/active. The top of the enclosure for the load bank for GenSet 2 has significant signs of rusting, and the enclosure door is rusted as well.
- **Instrumentation Assets:** The instrumentation assets were in excellent to good condition.

5.3.4.2 Reservoir 2 Pump Station

- **Structural Assets:** Inside the concrete masonry unit building, in the lower area beneath the platform in the corner, there appears to be an area that gets wet often. The steel platform supports show moderate corrosion at the bottom couple of inches due to exposure to water. The SCADA tower and pedestal structure is in good condition, but there is some minor corrosion at the base. The four lube oil tanks do not appear to have any anchorage to the floor.
- **Mechanical Assets:** Two electric jockey pumps with variable frequency drives are being added in FY 2026 to improve the reaction to small pressure changes in the distribution system. Several mechanical assets show signs of corrosion and need recoating, including the Gate Valve handwheels for effluent for Engines 1, 2, 3, and 4. The 18-in. gate valve on the fill line needs recoating on the handwheel. The piping connected to the AirVac 2 in. on 18 in. fill line needs sandblasting and new coating. The right-angle gear drives valves on the engine cooling water show corrosion and need recoating. Vertical Turbine Pump 1 and Pump 2 engines need cleaning and have a leak either from the right-angle drive or water leak from seal water. The vertical turbine pump 4 shows the pump discharge housing column and baseplate flange has loss of coating and corrosion. The liquefied petroleum gas supply tank exterior, piping and valves have signs of corrosion, and has been decommissioned. The muffler and silencer and associated piping for Engine 1 located on the roof has corrosion.
- **Electrical Assets:** The electrical assets were in good condition.
- **Instrumentation Assets:** The instrumentation assets were in good condition. The chlorine system will be taken offline some time in 2025.

5.3.5 Vaults

V&A assessed vaults and import stations, and interties with vaults, and Carollo reviewed their report. The import stations and pressure reducing station vaults had a range of conditions. Vault 9, located at Bristol Street north of Red Hill Avenue, had piping in poor condition with coating failures and severe corrosion, while the piping at Vault 10 was in good condition but the pipe supports were in poor condition. The interties with vaults also varied in condition, with Vault 4 at West Sunflower Avenue east of Bristol Street having a severely corroded restraint harness and hardware, and Vault 6 at Bristol Street north of Red Hill Avenue having a control valve and gate valve in poor condition with severe corrosion. The reports recommend coating spot repairs, piping and pipe support replacements, and further inspections. At the MWRf site, the first bypass vault had leaks in the SH piping, the second bypass vault had standing water

and needed coating spot repairs, and the meter vault needed spot repairs and recoating due to moderate corrosion.

Details of vault inspections can be found in the vaults assessment described in Technical Memorandum 9 (**Appendix J**).

5.4 Facilities Condition Assessment Recommendations

Based on the comprehensive field condition assessments and complimentary desktop analysis, the following programmatic recommendations have been included in the CIP Update:

- **Distribution System:**
 - » Regularly monitor the 6-inch AC pipes along Baker Street, Watson Avenue and Westbrook Place which are experiencing accelerated degradation as indicated in the pipeline integrity program acoustic analysis results.
 - » Incorporate the consequence of failure and the condition of the effectiveness of the cathodic protection system into the pipeline integrity program
 - » Prioritize transmission mains for inspection.
- **Transmission System:**
 - » Transmission system inspection.
 - » Biennial cathodic protection improvements.
- **Wells:**
 - » Replace Well 5 (currently produces sand when operating at flows above 2,200 gpm) once it exceeds its remaining service life, which was estimated at 3-5 years in 2018.
 - » Replace Well 7B to increase supply reliability.
- **MWRF:**
 - » Recurring annual rehabilitation and repair program.
- **Reservoirs:**
 - » Recurring annual rehabilitation and repair program.
- **Booster Pump Stations:**
 - » Recurring annual rehabilitation and repair program.
- **Vaults:**
 - » Several CIP projects for vaults were recommended, focusing on rehabilitation, repairs, and upgrades. These projects are aimed at enhancing the infrastructure and ensuring the reliable operation of Mesa Water's water transmission and distribution system.
 - » The condition assessment included multiple vaults: bypass vaults, a meter vault at the MWRF, import stations and pressure reducing stations vaults, and interties with vaults.
 - » The bypass vault, referred to as Vault 24, showed leaks in the SH piping.
 - » Vault 25, a meter vault at the MWRF had standing water, and the piping, valves, pipe supports, mortar, and exhaust fan require attention. The vault needs spot repairs and recoating due to moderate corrosion.

- » Many import stations and pressure reducing stations vaults require a range of actions, from coating spot repairs to complete piping and valve replacements, as well as addressing corrosion and structural issues.
- » Interties with vaults need recoating, pipe support replacements, and repairs to address corrosion, water infiltration, and structural deficiencies.

CHAPTER 6 REGULATORY COMPLIANCE

While Mesa Water is in compliance with all state and federal regulations, it will need to take steps for continued compliance and monitor new and upcoming regulatory requirements.

6.1 Drinking Water Regulations

Drinking water is regulated federally through the Safe Drinking Water Act by the Environmental Protection Agency (EPA). In California, the State Water Board adopts drinking water standards according to the California Safe Drinking Water Act which are enforced by the Division of Drinking Water. New and upcoming drinking water regulations for contaminants that could impact Mesa Water's current and future water supply include regulations around perfluoroalkyl and polyfluoroalkyl substances (PFAS), hexavalent chromium, arsenic, manganese, microbial and disinfection byproducts, microplastics, 1,4-Dioxane, and more. Mesa Water meets all current federal and state regulations for drinking water quality but will need to monitor its wells for continued compliance. Monitoring is required for PFAS compounds, and systems have until 2029 to implement solutions for reducing PFAS concentrations. In addition, Mesa Water will need to recertify their risk and resilience assessment and emergency response plans.

6.2 Air Quality Regulations

Mesa Water falls under the jurisdiction of the South Coast Air Quality Management District, which enforces federal and state air quality standards. The regulations cover emissions from gaseous- and liquid-fueled engines, permitting programs, annual emissions reporting, and risk management programs.

Table 6.1 provides a summary of the permit exceedances by Mesa Water for oxides of nitrogen (NOx) and carbon monoxide (CO) at the stationary engines located at Reservoir 1, Reservoir 2, and Well 5 between January 2023 and September 2024.

Table 6.1 Engine Emissions Reporting Summary

Facility	Number of Engine Breakdowns	Number of NOx and/or CO Exceedance Incidents ⁽¹⁾	CO (ppmv) ⁽⁵⁾
Reservoir 1 ⁽²⁾	1	6	250
Reservoir 2 ⁽³⁾	0	6	76
Well 5 ⁽⁴⁾	1	4	70

Notes:

ppmv - parts per million by volume

(1) Based on 7 Quarterly District Reports from Q1 2023 through Q3 2024.

(2) Two stationary engines located at Reservoir 1.

(3) Three stationary engines located at Reservoir 2.

(4) One stationary engine located at Well 5.

(5) Permit concentration limits are based on the configuration of stationary engines at each facility.

In all cases where there was an exceedance, Mesa Water operators returned the engine emissions to within the range limits listed in Table 5.4 within the day the incident was discovered.

Mesa Water has provided annual emissions reporting as recently as 2022 for the MWRF, Reservoirs 1 and 2, and Wells 1B, 3B, 5, 7, and 9B and it was confirmed that emissions in 2023 were below the reporting thresholds of the Annual Emissions Reporting program.

Moreover, Mesa Water has 4,000 gallon tanks of 19 percent aqueous ammonia at all seven well sites and is fully in compliance per California Accidental Release Prevention regulations. Mesa Water has submitted a Risk Management Plan for the MWRF and the well sites to the County of Orange.

6.3 Other Regulations

6.3.1 California Air Resources Board Advanced Clean Fleets Regulation

The California Air Resources Board Advanced Clean Fleets regulation, effective October 1, 2023, aims to reduce emissions from mobile sources. It requires state and local government fleets to purchase zero-emission vehicles for on-road vehicles with a gross vehicle weight rating over 8,500 pounds. Mesa Water has elected to follow the Purchase Pathway, requiring at least 50 percent of vehicle purchase orders in calendar years 2024-2026 to be zero-emission vehicles, and 100 percent starting January 1, 2027. Mesa Water plans to gradually transition its fleet to zero-emission vehicles as needed to comply with future regulations.

6.3.2 America's Water Infrastructure Act of 2018

The America's Water Infrastructure Act of 2018 mandates that water systems serving over 3,300 people develop or update risk and resilience assessments, including cybersecurity evaluations, and emergency response plans every five years. These assessments identify potential risks and a system's ability to withstand them, while emergency response plans detail strategies to improve system resilience and actions to mitigate emergency event impacts. Mesa Water, serving over 100,000 people, must recertify its risk and resilience assessment by March 31, 2025, and its emergency response plan by September 30, 2025. As of the writing of this report, Mesa Water has already submitted its risk and resilience assessment and emergency response plans.

6.4 Recommendations

Mesa Water meets all current federal and state regulations for water quality, air quality, and risk management. Several current regulations will require that Mesa Water take the following steps for continued compliance:

- **PFAS.** All Mesa Water wells sampled in 2023 and 2024 showed non-detect levels for PFAS. However, continued sampling is required to monitor for potential PFAS plumes that could impact Mesa Water's production wells in the future. Mesa Water will need to continue fulfilling National Primary Drinking Water Regulations compliance monitoring requirements and should anticipate taking action, if needed, to lower PFAS compound concentrations from groundwater supplies once California maximum contaminant levels are developed. In July, 2025, California announced proposed revisions to the PFAS regulations that include a Response Level for perfluorohexanesulfonic acid (PFHxS) at 10 nanograms per liter and a Notification Level and Response Level for perfluorohexanoic acid (PFHxA) of 1,000 nanograms per liter and 10,000 nanograms per liter, respectively.
- **Lead and Copper Rule Revisions & Lead and Copper Rule Improvements.** Mesa Water has completed a lead service line inventory and submitted it to the state in September 2024. At the time of this report, Mesa Water is also in compliance with the new Lead and Copper Rule Improvements requirements and working with a consultant to ensure all requirements under this rule are met. Based on historical lead and copper compliance data, Mesa Water is not anticipated to be impacted by the new 10 micrograms per liter (µg/L) trigger level, but could be subject to find-and-fix requirements for any individual sample results above 15 µg/L.
- **Consumer Confidence Report Revision.** Effective January 1, 2027, Mesa Water will need to issue Consumer Confidence Reports twice a year and comply with rule revisions regarding communication, delivery, and content of information of/in Consumer Confidence Reports.
- **Groundwater Rule.** Mesa Water will need to complete steps to continue compliance with Groundwater Rule if new wells are constructed.
- **Stationary Engines.** Mesa Water will need to continue fulfilling Rule 1110.2 reporting requirements for all non-electric stationary engines. Due to several air quality exceedance episodes in recent years, it is recommended that the current natural gas-powered engine at Well 5 be replaced with an electric-powered engine once it reaches its estimated useful life.
- **California Accidental Release Prevention Compliance.** The quantity and concentration of aqueous ammonia currently stored at each Mesa Water facility requires Mesa Water to maintain compliance with the California Accidental Release Prevention program. Mesa Water should consider transitioning to liquid ammonium sulfate to maintain compliance and reduce potential risks.
- **California Air Resources Board Advanced Fleet:** Due to uncertainties in California Air Resources Board Advanced Clean Fleets regulations since January 13, 2025, and in order to comply with future regulations, Mesa Water's strategy at the time of this CIP update is to gradually transition its fleet to zero-emission vehicles.

Potential future federal and state regulations could lead to additional requirements or steps for compliance:

- **Arsenic.** If Division of Drinking Water rules to reduce the maximum contaminant level for arsenic, Mesa Water will need to comply with this maximum contaminant level.

- **Manganese.** Mesa Water will need to comply with the new notification and response levels once finalized by the Division of Drinking Water. Based on the most recent samples from 2019, compliance will most likely require notifications of exceedance to the notification level.
- **Microbial And Disinfection Byproducts.** Compliance hurdles are not anticipated as a result of the United States EPA decision to revise the haloacetic acid (HAA) maximum contaminant level to encompass bromated species. If the United States EPA regulates chlorate, methods to minimize concentrations in amber Wells 6 and 11, Well 3B, and the distribution system may be needed.
- **Microplastics.** Mesa Water can anticipate receiving monitoring orders for microplastics from the State Water Resources Control Board in the near future.
- **1,4 Dioxane.** In 2024, several of Mesa Water's wells had 1,4 Dioxane concentrations over the notification level. In accordance with current state regulations, Mesa Water must notify customers of the presence of this constituent in their drinking water. Mesa Water has provided notification to its Board of Directors and local agencies regarding the detections of 1,4 dioxane above the 1 microgram per liter notification level. It is recommended that Mesa Water monitor EPA and Division of Drinking Water activity to determine whether new rules will further impact drinking water supplies.
- **Recycled Water.** At present, PFAS regulatory requirements are only applicable to potable water. However, if regulatory compliance for PFAS is extended to non-potable reuse and the recycled water used for the Green Acres Project exceeds the regulatory threshold, Mesa Water would need to utilize potable water to serve the Green Acres Project's irrigation demands. However, the development and timeline for the adoption of PFAS regulations for non-potable reuse remain uncertain at the time of this CIP update.

CHAPTER 7 ASSET MANAGEMENT ROADMAP

7.1 Purpose

The objective of any asset management program is to manage assets at their lowest lifecycle costs while maintaining expected service levels. Achieving this objective requires robust data, analysis, and decision support, making software applications an essential component of the asset management roadmap. However, several steps need to be taken before choosing the software application in an asset management program.

Formalized asset management programs are built around answering five core questions (American Water Works Association (2014). *Asset Management: A Best Practices Guide*. Denver, CO: American Water Works Association):

1. What is the current state of my assets?
2. What is my required level of service?
3. What are my business risks (business risk exposure)?
4. What are my best operations and maintenance (O&M) and CIP funding strategies (for minimum lifecycle costs)?
5. What is my best long-term funding strategy?

As part of building upon Mesa Water's existing maintenance planning and work order system and developing an asset management roadmap, Carollo evaluated different asset management software packages.

7.2 Software Applications

To answer the five core questions and conduct effective best-practice asset management planning, the following key software applications are typically used in the industry:

- Computerized Maintenance Management System (CMMS).
- Enterprise Asset Management Systems.
- GIS.
- Capital Planning or Decision Support Software Applications.

Mesa Water currently does not use an enterprise asset management system nor a dedicated capital planning software application.

There are additional software applications used in the water industry and while there may be value in incorporating data, the foundational applications to manage assets continue to be the CMMS and GIS system. It should be noted that the evaluation as part of this CIP Update was limited to CMMS with enterprise asset management functionality and capital planning decision support applications which could work with Mesa Water's existing MaintStar CMMS.

Several vendors provided demonstration of their software applications including Trimble's Cityworks, Aquanuity's AquaTwin Asset Pro, Kayuga Solution's IRIS, and Novotx's Elements XS. Vendors were asked to demonstrate their software showing a variety of information. Details of each software application and functionality are included in Technical Memorandum 7 (**Appendix H**).

7.3 Likelihood of Failure and Consequence of Failure Scoring Framework

As part of the CIP Update, workshops were conducted to support the development of a draft asset definition and likelihood of failure and consequence of failure criteria which will be used in the future in conjunction with an Asset Management Application which incorporates likelihood of failure and consequence of failure analyses to prioritize asset lifecycle activities. The findings of these discussions provided direction for the asset management framework that can be used for Mesa Water's future asset management program.

A formalized asset definition was developed to set distinction for assets (vs. components or parts) for use in the future asset management software application. The resultant draft asset definition is:

- An asset meets two or more of the following requirements:
 - » Asset requires recurring or preventive maintenance.
 - » Asset has an expected useful life greater than 1 year.
 - » Asset performs a critical function within the system.
 - » Asset would be repaired rather than replaced if it fails.

Discussion on each software application, definition of an asset for future asset management software application, and details on the likelihood and consequence of failure criteria development can be found in Technical Memorandum 7 (**Appendix H**).

7.4 Asset Management Program Implementation Recommendations

The following recommendations outline key steps for Mesa Water to establish and enhance their asset management program and select the appropriate asset management software application to support Mesa Water's asset management objectives. A phased list of implementation activities including CIP recommendations under the technical and software project category is illustrated in Figure 7.1.

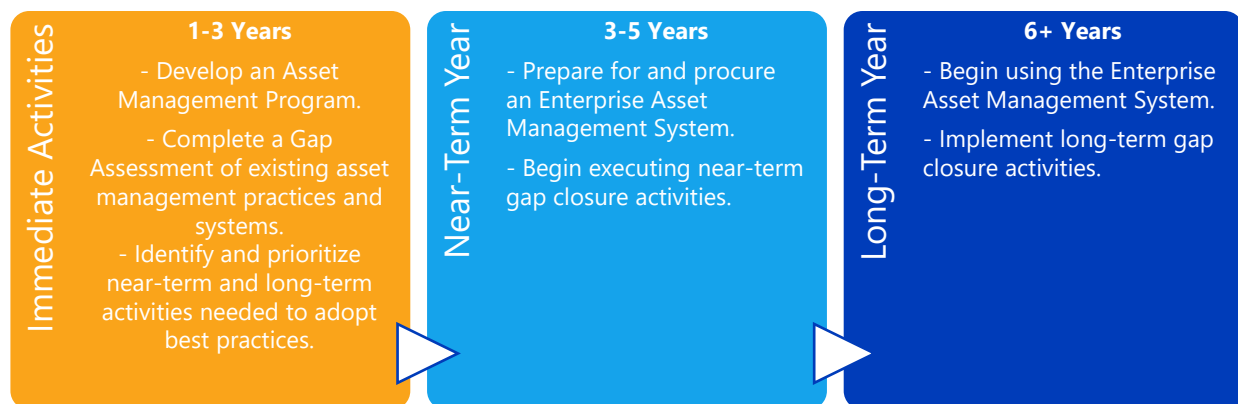


Figure 7.1 Asset Management Program Implementation Roadmap

CHAPTER 8 TECHNOLOGICAL ADVANCEMENTS

8.1 Purpose

Mesa Water strives to be at the forefront of technological advancements applicable to water utilities to improve day-to-day business practices in the next 10 years. Carollo presented several areas that Mesa Water may want to consider for future technological investments. This includes software architecture and integration, operations data management systems, artificial intelligence and machine learning platforms, specific use cases of technology applications within the water industry, and GIS improvements. Details are discussed in Technical Memorandum 6 (**Appendix G**).

8.2 Recommendations

Carollo presented a broad range of artificial intelligence, machine learning, and other advanced technology use cases to potentially implement at Mesa Water to support planning, operations, engineering, and administration workflows. However, before implementing or piloting a particular technology new to Mesa Water, it is recommended to first establish and then prioritize a list of desired use cases.

Additionally, the software systems currently in use and the business practices that they support should be considered when prioritizing advanced analytical technologies to implement. The time sensitivity for updating Mesa Water's GIS from a geometric network to a Utility Network, elevates its priority, for example. Addressing Mesa Water's GIS needs also sets Mesa Water up for success with the deployment of its other software systems, such as for the customer information system, CMMS, asset management, and public engagement, to capitalize on their GIS integration capabilities.

As Mesa Water considers implementing new, or upgrading existing software systems, including piloting the use of machine learning and other artificial intelligence tools, it is important to first establish a clear data governance, management and modernization plan as well as an Information Technology Master Plan. Both are critical precursors for systematic, prioritized, and successful adoption of advanced technologies. These plans will help with developing return on investment projections, the level of effort and resource needs for implementation, and optimal chronological implementation order. Together, these considerations can be incorporated prior to assigning priorities to individual projects.

Once priority projects are identified, Mesa Water can proceed to piloting the "low hanging fruit". In other words, the lowest investment that can generate the highest outcome. Low hanging fruit can look different for each utility, but it all begins with creating a list of possible use cases. With this in mind, the capital improvement program projects presented in the next Chapter under the Technology and Software category includes budgetary placeholders for piloting a use case to be selected by Mesa Water. These include a proposed amount to allocate for the purchasing and implementation of the new technology. The actual costs and effort by Mesa Water staff, however, will vary depending on the selected technology.

CHAPTER 9 CAPITAL IMPROVEMENT PLAN

The CIP developed serves as an update to Mesa Water's 2014 Water Master Plan. Mesa Water has successfully implemented key projects recommended in the 2014 Water Master Plan, which had a 5-year CIP of 48 million and a long-term CIP of \$272 million in 2014 dollars. In fact, when reviewing the 5-year CIP from the 2014 Water Master Plan, it was concluded that a majority of the recommended CIP has been completed in just one decade. The significant investments made in the last decade have strengthened the overall performance and reliability of Mesa Water's water system infrastructure. For example, Mesa Water completed nearly all recommended upgrades to above-ground facilities, such as booster pump stations, reservoirs, and several improvements to the MWRf, such as a scrubber exhaust system, water, SCADA backup power, and programmable logic controller (PLC) replacement. Additionally, two new groundwater wells were drilled and a well automation project was implemented. Moreover, improvements and repairs were made to various vault structures, such as the Santa Ana Pressure Reducing Station, the bypass and finished water vaults, and abandonment of vault closures. And although only a few projects of the recommended distribution system projects have been implemented to-date, Mesa Water did conduct a comprehensive leak detection survey of the distribution and transmission system from 2020 to 2023. This study confirmed that Mesa Water's pipeline system is in excellent condition as no significant leaks were present, demonstrating the system's integrity.

Hence, the objective of this CIP Update project is to focus on new improvement needs since the implementation of the system enhancement recommended in the 2014 Water Master Plan, with special focus on the condition of the cathodic protection system on the transmission mains and other distribution pipeline improvement needs.

This section presents the proposed CIP through year 2036, the planning horizon of this master plan and some for projects beyond the planning horizon. This CIP is divided into three phases, namely:

- **Near-term phase:** This phase includes projects prioritized in the first five years (FY 2027-2031).
- **Mid-term phase:** This phase includes projects planned for the following five years (FY 2032 - 2036).
- **Long-term phase:** This phase includes projects that are scheduled beyond FY 2036.

All cost estimates presented in this CIP reflect 2025 dollars. However, it should be noted that the actual cost in future planning years is anticipated to be higher due to inflation.

The improvement projects included in this CIP are a compilation of the recommendations made in the various analyses conducted as part of this study and presented in detail the Technical Memoranda summarized in the previous chapters and included in **Appendices B** through **K**. In general, the origin of CIP projects can be categorized as follows:

- Water supply projects (from Technical Memorandum 2).
- Distribution system capacity improvements (from Technical Memorandum 4).
- Distribution and Transmission systems condition assessment projects (Technical Memorandum 3).
- Facilities condition assessment rehabilitation and replacement projects (from Technical Memorandum 9).

- Regulatory Compliance related projects (from Technical Memorandum 5).
- Software and Technological projects (from Technical Memoranda 6 and 7).

The CIP also includes a number of recurring repair, replacement, and inspection projects. The costs associated with these projects are included in each FY group. Some of these projects are proposed to occur on an annual basis, while others have a biennial or less frequent occurrence. Biennial projects include those related to cathodic protection testing. Annual costs are allocated for the pipeline integrity program for field assessment of distribution mains, reservoir concrete rehabilitation and coating, reservoir cleaning and diving inspections, transmission main field inspection costs, well repair and replacement, and various software and hardware related projects.

In addition to the recommended CIP projects, there are several O&M and preventative maintenance projects recommended for Mesa Water's facilities. Details of the capital improvement, including brief project descriptions, cost estimating details, and phasing are included in Technical Memorandum 10 (**Appendix K**).

For the near-term CIP, projects were identified and grouped into five FYs, namely FYs 2027 through FY 2031. As summarized in Table 9.1 and shown in Figure 9.1, the annual cost of the recommended projects in the near-term phase ranges from \$2.9 million to \$4.4 million with a combined cost of \$17.7 million.

The near-term CIP includes a total of 45 projects, including four recurring projects. The location of projects by planning year are depicted on Figure 9.3 through Figure 9.7.

The distribution of near-term CIP costs by facility type is graphically shown in Figure 9.2. As shown, distribution system improvement projects represent the highest cost category, totaling \$8.2 million, which accounts for 46 percent of the near-term CIP, followed by technology and software (\$5.4 million or 30 percent of total near-term CIP) and transmission improvements (\$2.3 million or 13 percent of total near-term CIP).

Table 9.1 Near-Term CIP Summary by Type and Planning Year

Facility Type	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total ⁽¹⁾	Total CIP (%)
MWRF	\$30,000	\$210,000	\$0	\$0	\$0	\$240,000	1%
Booster Pumps	\$0	\$0	\$0	\$0	\$0	\$0	0%
Wells	\$100,000	\$100,000	\$100,000	\$100,000	\$130,000	\$530,000	3%
Reservoirs	\$0	\$200,000	\$0	\$0	\$0	\$200,000	1%
Fire Flow	\$0	\$0	\$0	\$0	\$0	\$0	0%
Transmission (incl. cathodic protection)	\$1,427,000	\$30,000	\$80,200	\$461,000	\$320,800	\$2,319,000	13%
Distribution System ⁽²⁾	\$1,750,000	\$1,500,000	\$1,934,000	\$1,500,000	\$1,500,000	\$8,184,000	46%
Vaults	\$0	\$775,000	\$0	\$0	\$0	\$775,000	4%
Tech & Software	\$1,014,000	\$1,539,500	\$942,000	\$860,000	\$1,000,000	\$5,355,500	30%

Facility Type	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total ⁽¹⁾	Total CIP (%)
Clean Fleet	\$80,000	\$0	\$0	\$0	\$0	\$80,000	0%
Studies	\$0	\$0	\$0	\$0	\$0	\$0	0%
Total⁽¹⁾	\$4,401,000	\$4,354,500	\$3,056,200	\$2,921,000	\$2,950,800	\$17,683,500	100%

Notes:

- (1) All costs shown in this table and technical memorandum are planning level costs presented in current dollars (Los Angeles January 2025 Engineering News-Record Construction Cost Index of 15592 and subject to future cost escalation.
- (2) Actual expenditures may vary as specific distribution system pipeline replacement needs will be in accordance with recommendations identified through Mesa Water's Pipeline Integrity Program.

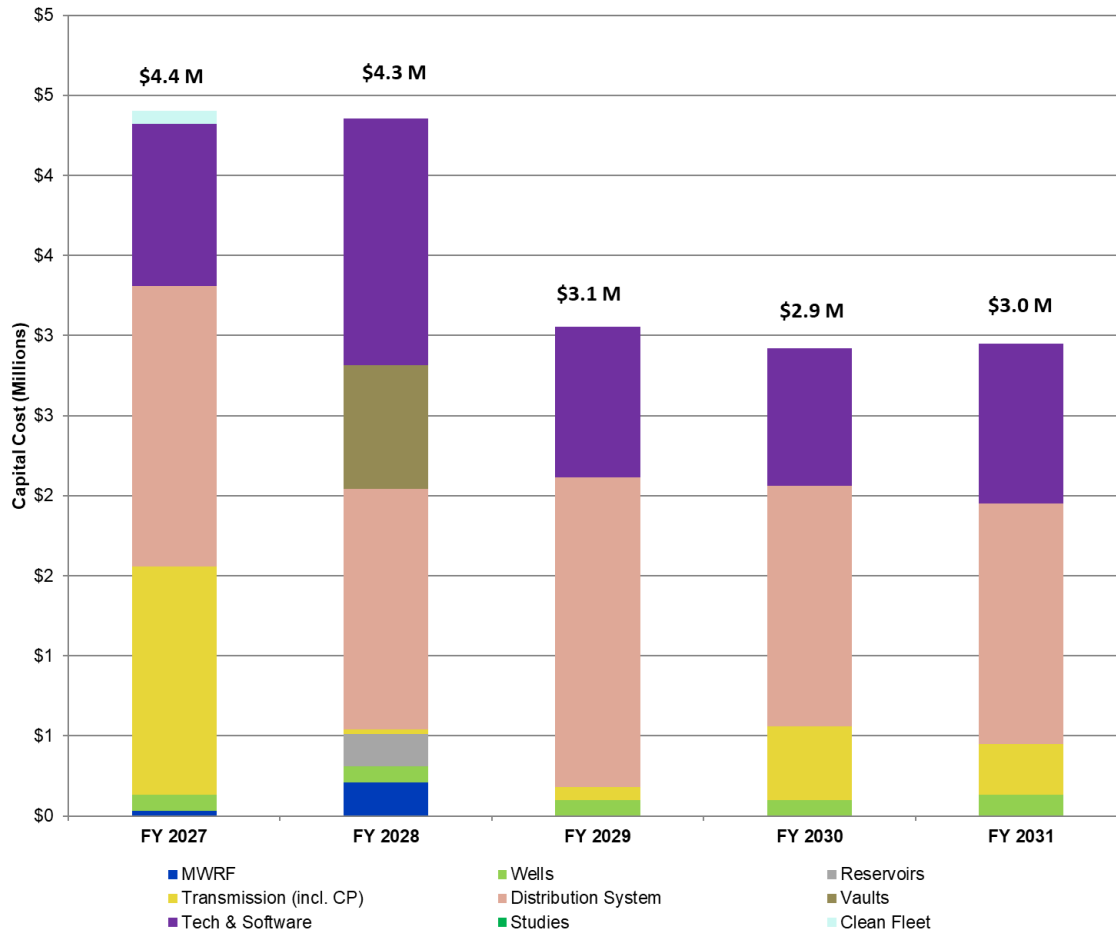


Figure 9.1 Near-Term CIP by Planning Year

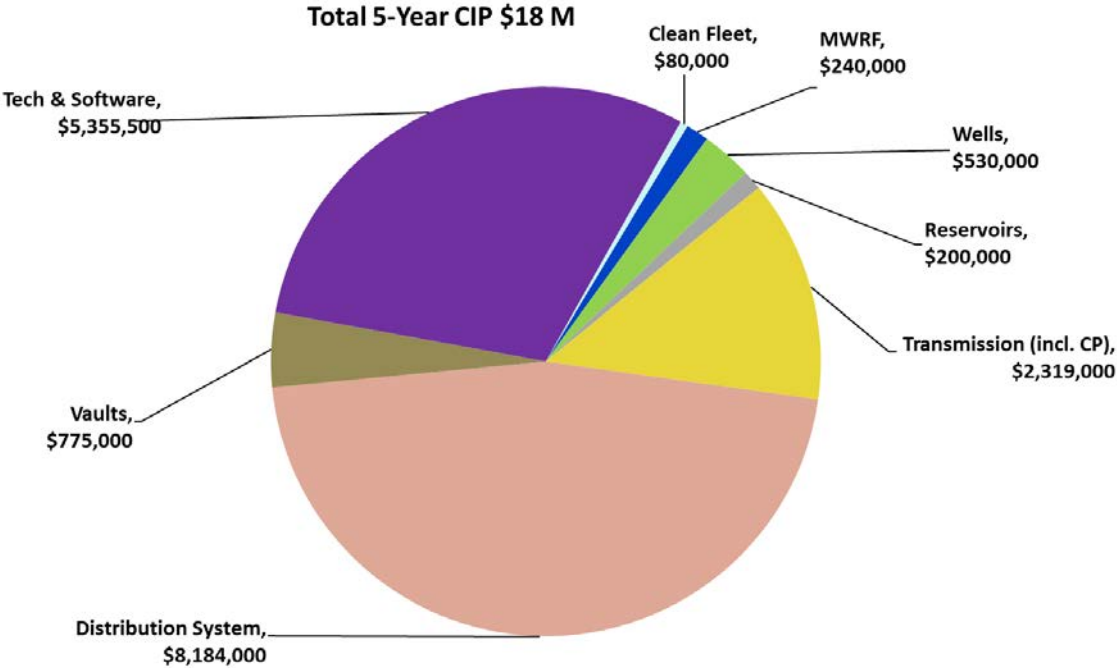


Figure 9.2 Near-Term CIP by Project Category

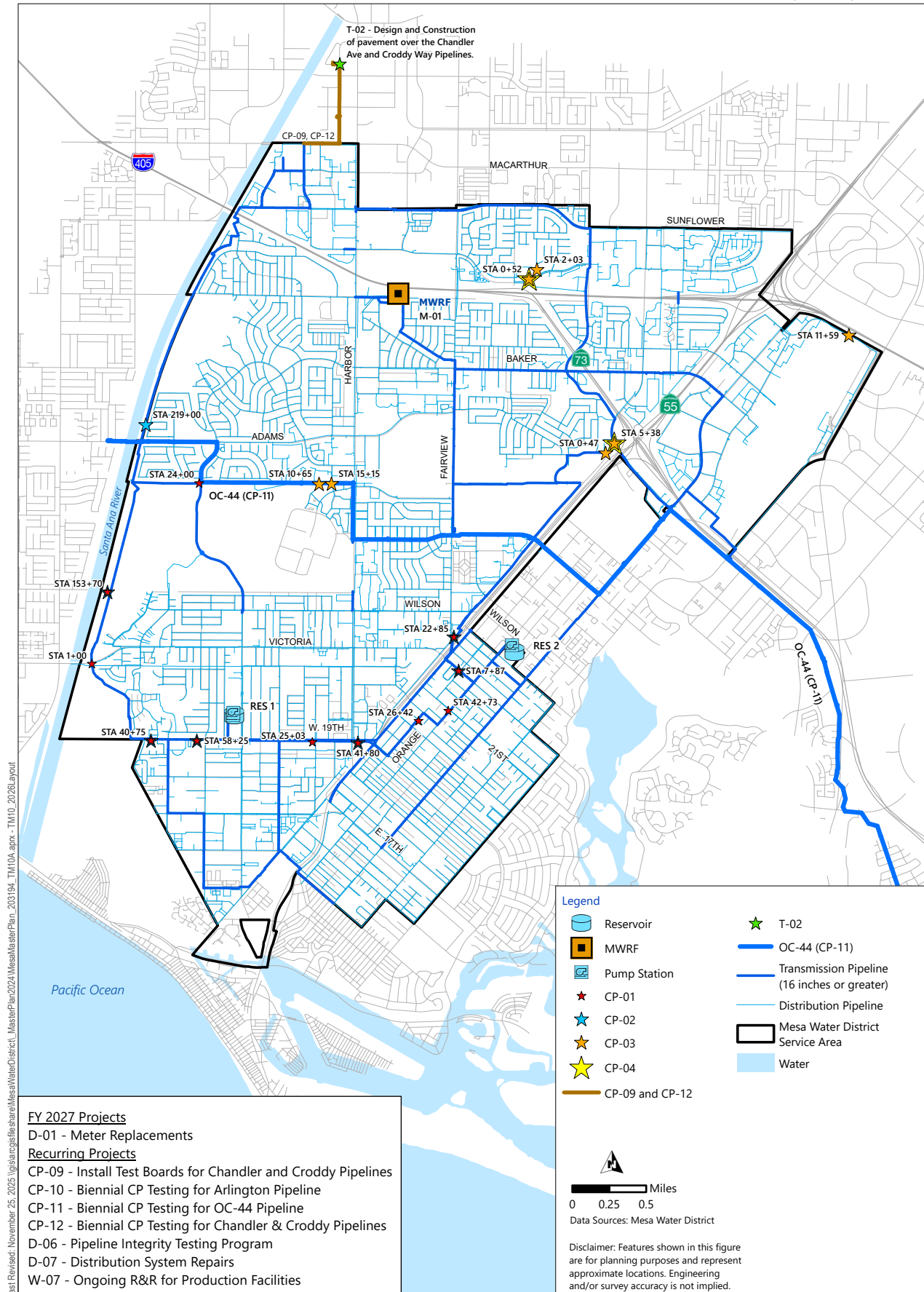


Figure 9.3 FY 2027 CIP Projects
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

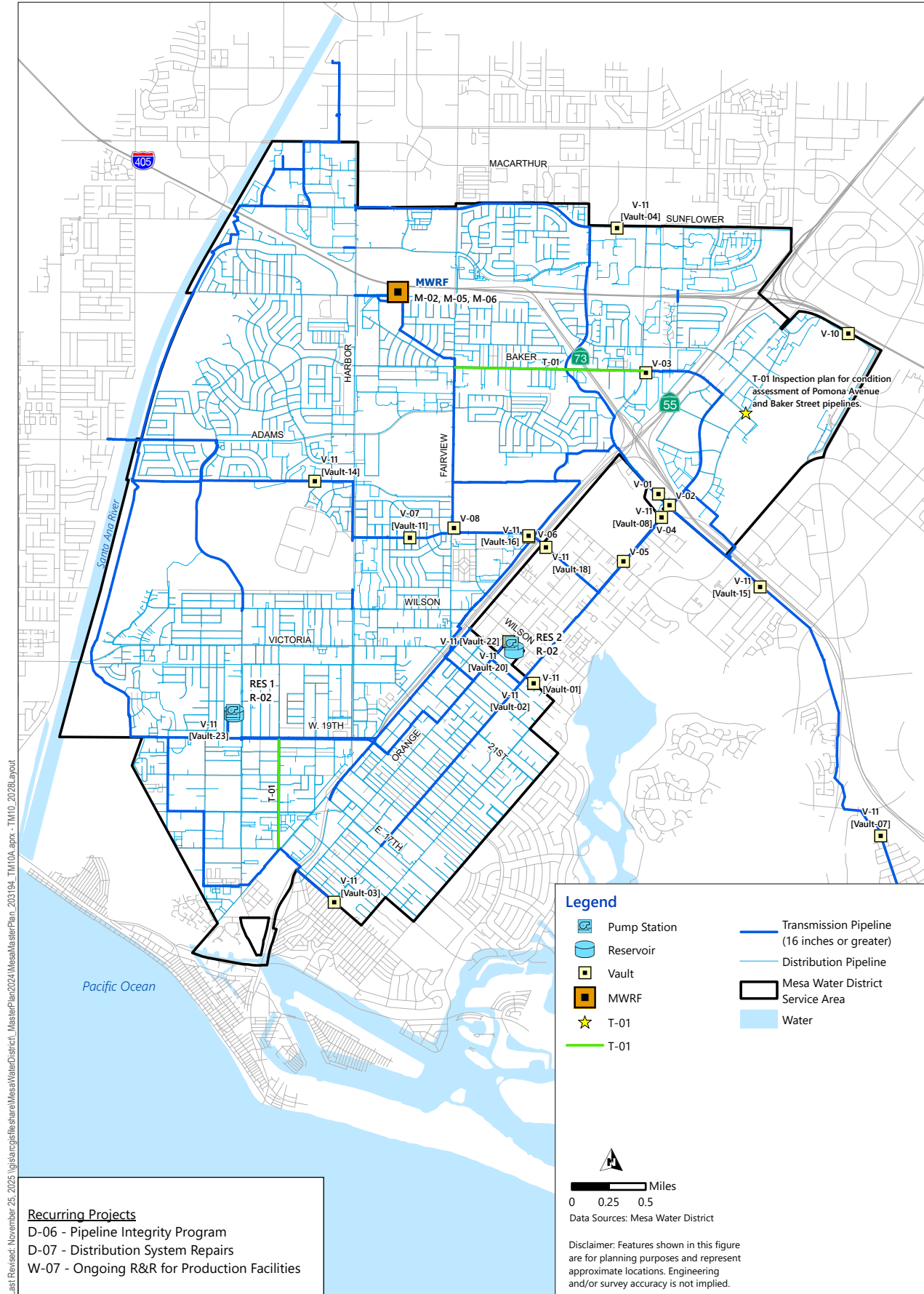


Figure 9.4 FY 2028 CIP Projects
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

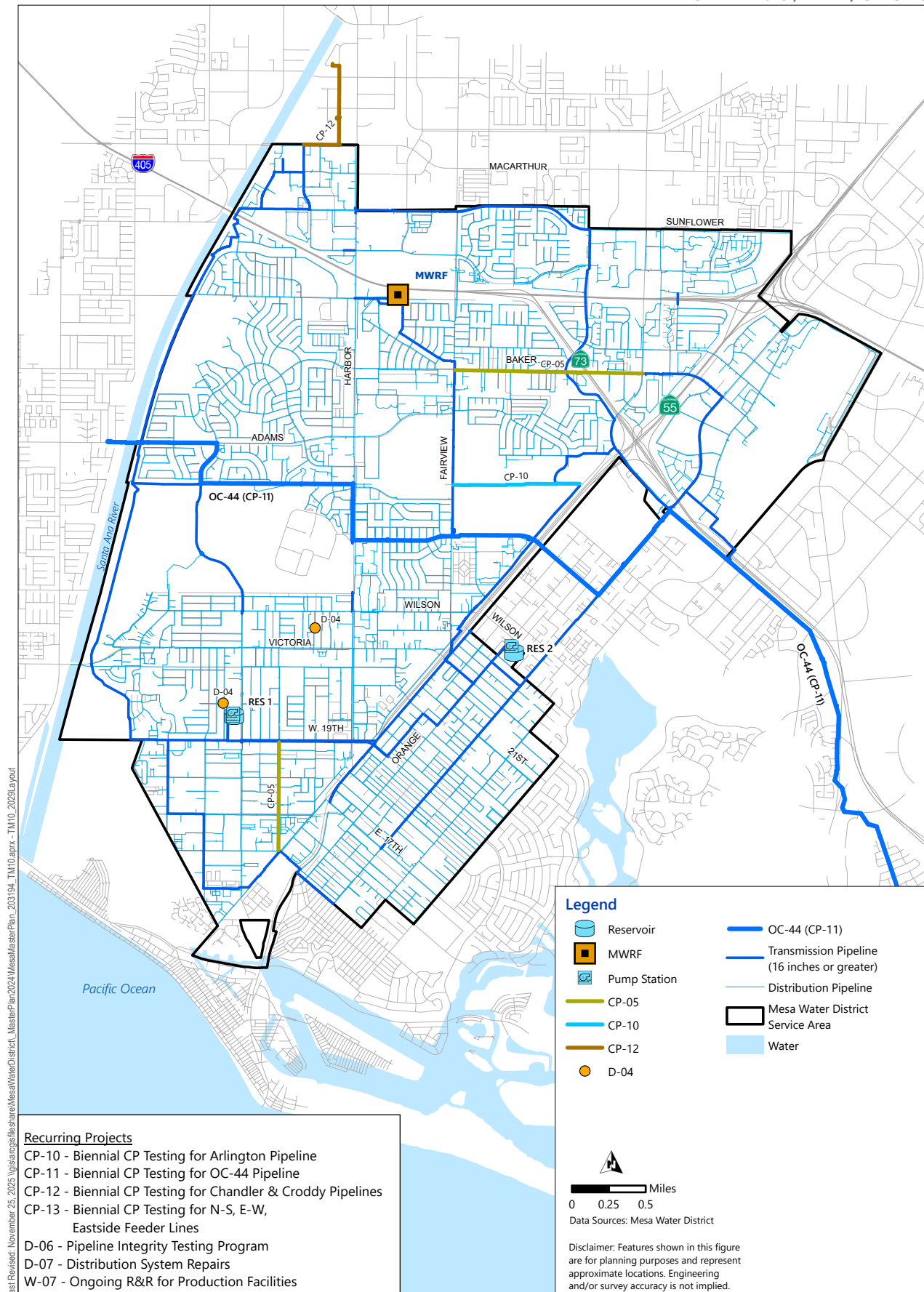


Figure 9.5 FY 2029 CIP Projects

MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

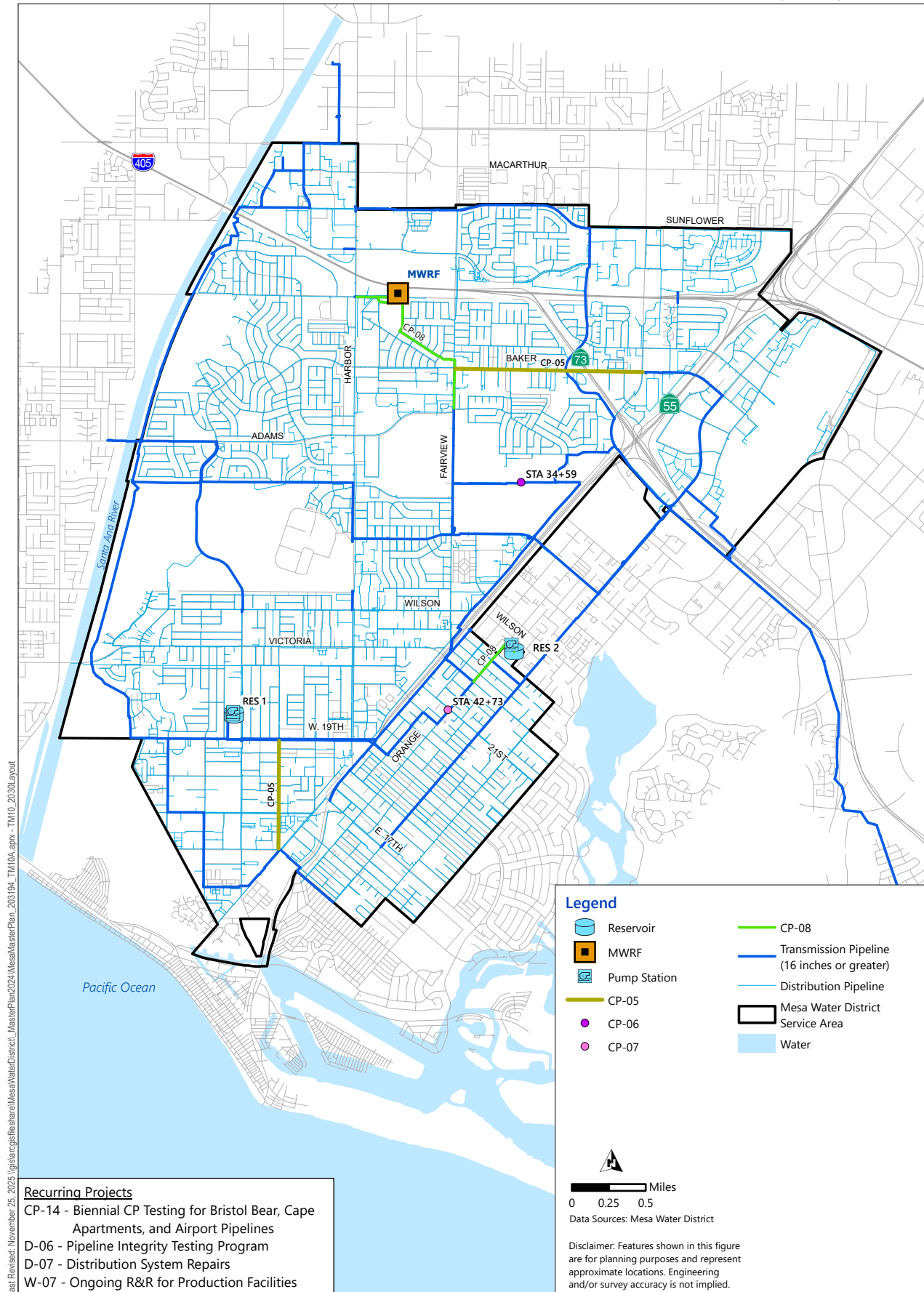


Figure 9.6 FY 2030 CIP Projects
 MESA WATER DISTRICT
 CAPITAL IMPROVEMENT PROGRAM UPDATE

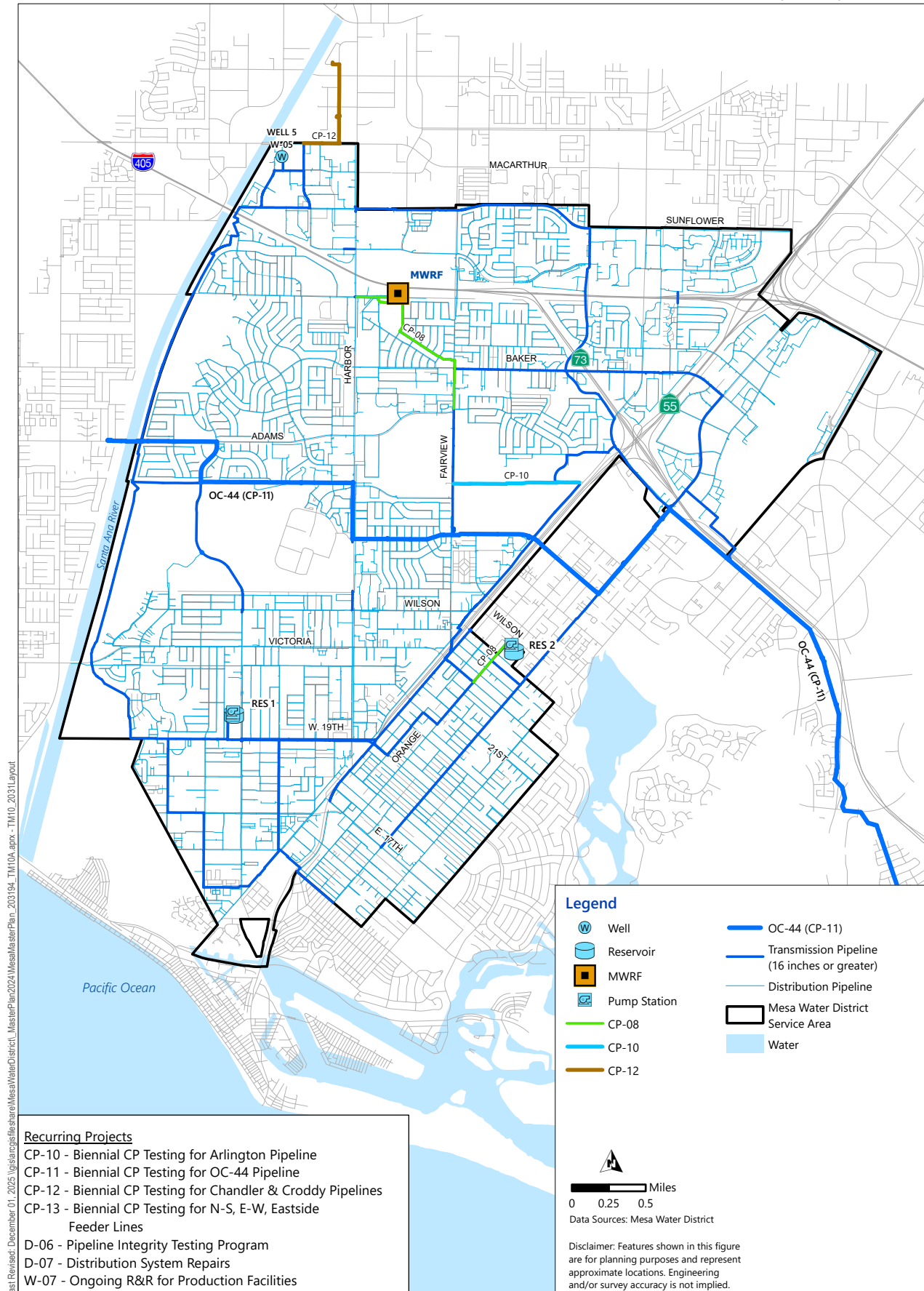


Figure 9.7 FY 2031 CIP Projects

MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

9.1 Mid-Term CIP (FY 2032 - 2036)

The mid-term CIP projects were identified and grouped into FYs 2032 to 2036 as shown in Table 9.2. The estimated cost of the mid-term projects totals \$53.2 million, with distribution system projects (including fire flow improvements) representing the highest cost category, followed by booster pump improvements, well projects, and technology and software projects. There are 33 projects proposed in Mid-Term CIP projects, including three recurring projects. The locations of facilities of these Mid-Term improvement projects are shown in Figure 9.8.

Table 9.2 Mid-Term CIP Projects

Project ID and Short Description	FY 2032 - FY 2036 (\$)
B-01 - Booster Pump Station Upgrades	\$10,000,000
CF-02 - ZEVs Group 2 (Pickup and Work Trucks)	\$625,000
CF-03 - ZEVs Group 2-PE (Broom and Dump Trucks)	\$500,000
CF-05 - Electric Vehicle (EV) Charging Infrastructure	\$835,000
CP-10 - Biennial CP Testing for Arlington Pipeline ⁽¹⁾	\$0
CP-11 - Biennial CP Testing for OC-44 Pipeline ⁽¹⁾	\$0
CP-12 - Biennial CP Testing for Chandler and Croddy Pipelines ⁽¹⁾	\$0
CP-13 - Biennial CP Testing for N-S, E-W, Eastside Feeder Lines ⁽¹⁾	\$0
CP-14 - Biennial CP Testing for Bristol Bear, Tanager, Cape Apartments and Airport pipelines ⁽¹⁾	\$0
D-03 - Replace 14-Inch Cement Mortar Lined and Coated Steel Water Main Along Placentia Avenue	\$7,014,000
D-05 - Pipeline Replacements based on Pipeline Integrity Program findings	\$10,003,000
D-06 - Annual Pipeline Integrity Testing Program	\$1,000,000
D-07 - Routine Capital - Ongoing Distribution System Repairs	\$6,000,000
FF-02 - Republic Ave, Southeast of Oak St	\$782,000
FF-03 - Whittier Ave and Arbor St, North of W. 19th St	\$601,000
FF-04 - Evergreen Pl and W. 20th St, West of Monrovia Ave and Ohms Way	\$601,000
FF-07 - Pine Pl and Plum Pl, Northeast of Federal Ave	\$301,000
FF-08 - W. 18th St, Whittier Ave to Monrovia Ave	\$1,082,000
FF-09 - Balmoral Pl, South of Seabluff Dr and next to Bristol and 55 Frwy	\$120,000
FF-13 - Pamela Ln, Southeast of Joann St	\$301,000
FF-14 - Clubhouse Rd, Kauai Dr to Lanai Dr	\$301,000
FF-16 - Capri Ln, West of Mesa Verde Dr	\$1,022,000
FF-17 - Sunset Dr, Southwest of Monrovia Ave	\$421,000
FF-18 - Newhall St, Southeast of Monrovia Ave	\$361,000
FF-20 - Linden Pl and State Ave	\$481,000
FF-22 - Hamilton St and Sydney Ln off Thurin Ave	\$661,000
FF-25 - President Pl, Southeast of Victoria St	\$361,000
M-07 - Air Compressor System Relocation	\$120,000

Project ID and Short Description	FY 2032 - FY 2036 (\$)
M-08 - Replace Nanofiltration Units	\$1,700,000
R-01 - Replace Facilities and Appurtenances at Vault No. 21 (R2-700-008)	\$868,000
TS-02 - Technological Advancements Pilot Study	\$75,000
TS-03 - Asset Management Consulting Services	\$150,000
TS-04 - Asset Management Software Implementation	\$2,000,000
V-09 - New Joint Intertie With City of Santa Ana	\$752,000
W-07 - Ongoing R&R for Production Facilities ⁽²⁾	\$500,000
W-08 - Investigate and Repair Well 1B Pump & Motor to Mitigate Operational Noise	\$330,000
W-09 - Replace Well 5 with Well 5B	\$2,510,000
W-10 - Replace Well 5 Engine with Hybrid Engine	\$850,000
Grand Total	\$53,228,000

Notes:

ID – identification

(1) Project is part of Pipeline Integrity Testing Program under D-06. (Refer to Section 10.10 of Technical Memorandum 10).

(2) Includes projects W-01 through W-04, M-04, and R-03 (Refer to Section 10.10 of Technical Memorandum 10).

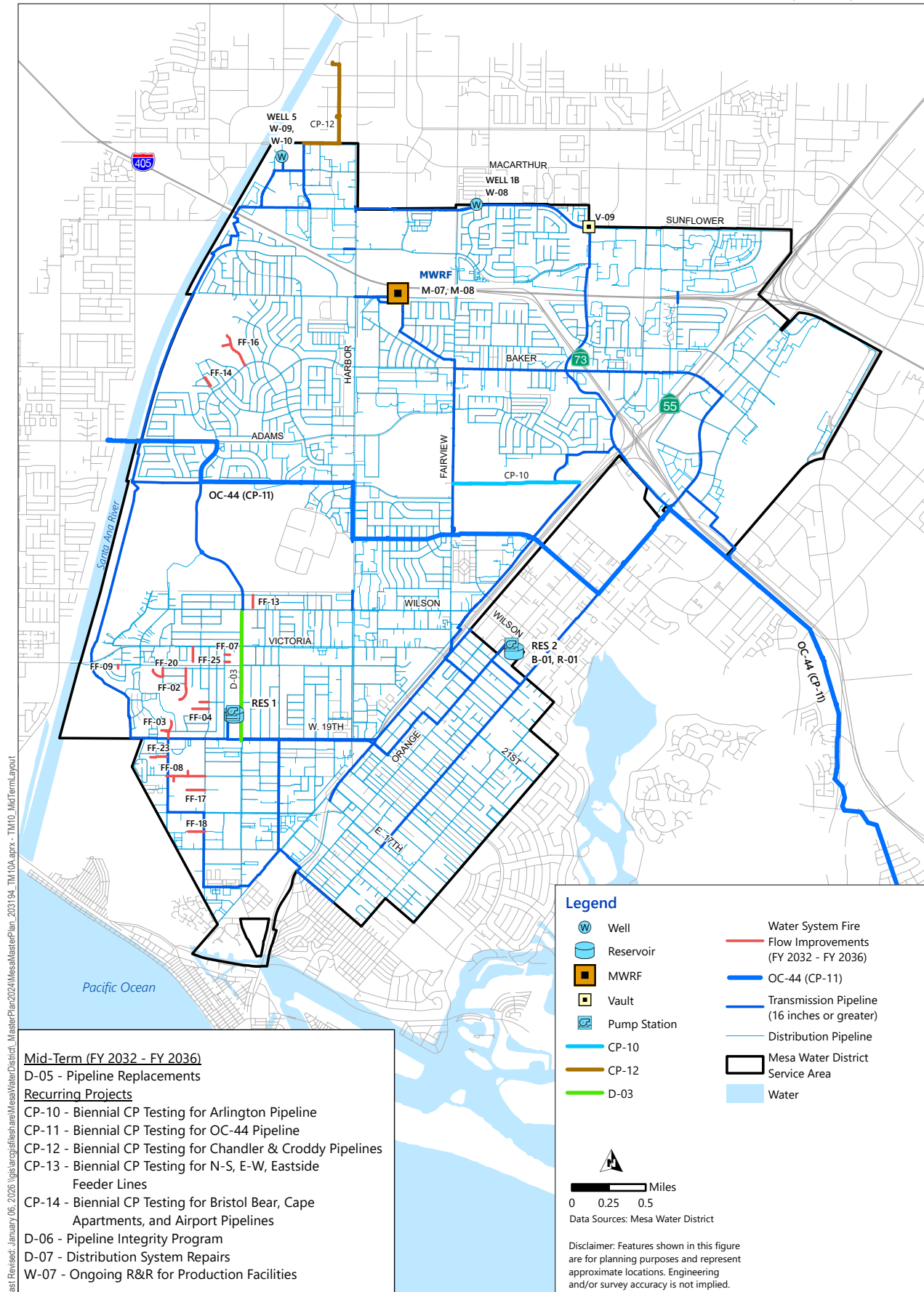


Figure 9.8 Mid-Term CIP Projects
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

9.2 Long-Term CIP

The long-term CIP projects as shown in Table 9.3 include projects beyond FY 2036 and totaled \$58.5 million, with most costs allocated to distribution system (including fire flow) improvements, followed by MWRf and well facility improvements. There are 23 projects proposed in Long-Term CIP projects, including three recurring projects. The locations of facilities of these Long-Term improvement projects are shown in Figure 9.9. Pipeline replacement projects are placeholders that will extend beyond FY 2036.

Table 9.3 Long-Term CIP Projects

Project ID and Short Description	FY 2036 + (\$)
CF-02 - ZEVs Group 2 (Pickup and Work Trucks)	\$500,000
CF-03 - ZEVs Group 2-PE (Broom and Dump Trucks)	\$1,000,000
CP-10 - Biennial CP Testing for Arlington Pipeline ⁽¹⁾	\$0
CP-11 - Biennial CP Testing for OC-44 Pipeline ⁽¹⁾	\$0
CP-12 - Biennial CP Testing for Chandler and Croddy Pipelines ⁽¹⁾	\$0
CP-13 - Biennial CP Testing for N-S, E-W, Eastside Feeder Lines ⁽¹⁾	\$0
CP-14 - Biennial CP Testing for Bristol Bear, Tanager, Cape Apartments and Airport pipelines ⁽¹⁾	\$0
D-02 - Pipeline Replacements	\$18,921,000
D-06 - Annual Pipeline Integrity Testing Program	\$1,000,000
D-07 - Routine Capital - Ongoing Distribution System Repairs	\$6,000,000
FF-01 - Ralcam Pl, West of Thurin Ave	\$361,000
FF-05 - Emerson St, East of Tustin Ave and E Bay St and Palomo Dr	\$842,000
FF-06 - Off Tustin Ave, between E. 17th St and Alley	\$180,000
FF-10 - W. Bay St, Harbor Blvd to Thurin Ave	\$1,142,000
FF-11 - Garden Ln and Woodland Pl, between Tustin Ave and 21st St	\$1,142,000
FF-12 - East of Orange Ave, Rochester St	\$361,000
FF-15 - W. Wilson St, between College Ave and Fordham Dr	\$361,000
FF-19 - Alley from E 18th St to Irvine Ave	\$481,000
FF-21 - Alley, between E. 18th St and Flower St	\$601,000
FF-23 - Parkhill Dr.	\$361,000
FF-24 - Vista Baya, West of Tustin Ave	\$361,000
FF-26 - Bluebird Ci, North of Hummingbird Dr	\$421,000
FF-27 - Lilac Ln, West of Santa Ana Ave	\$361,000
FF-28 - Mesa Verde Dr./Boa Vista Cir	\$60,000
M-09 - MWRf Expansion with Additional Treatment Train	\$20,000,000
ST-03 - Water Master Plan Update	\$1,000,000

Project ID and Short Description	FY 2036 + (\$)
W-06 - Replace Well 7 with Well 7B	\$2,510,000
W-07 - Ongoing R&R for Production Facilities ⁽²⁾	\$500,000
Grand Total	\$58,466,000

Notes:

ID – identification

(1) Project is part of Pipeline Integrity Testing Program under D-06. (Refer to Section 10.10 of Technical Memorandum 10).

(2) Includes projects W-01 through W-04, M-04, and R-03 (Refer to Section 10.10 of Technical Memorandum 10).

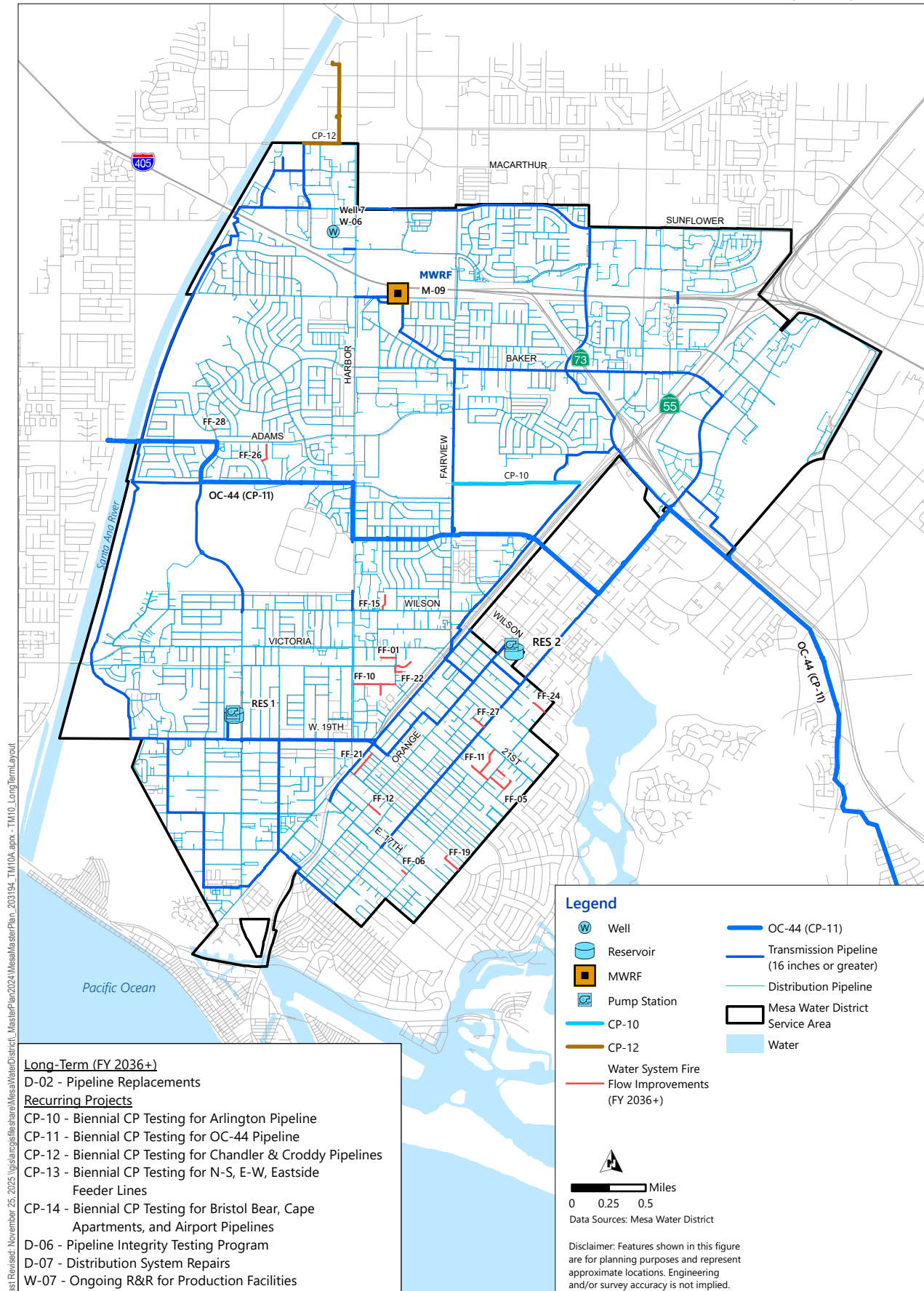


Figure 9.9 Long-Term CIP Projects
MESA WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM UPDATE

9.1 Ten-Year CIP (FY 2027 - FY 2036)

The total estimated ten-year CIP costs is summarized by planning phase in Table 9.4. As shown, the combined cost of the 10-year CIP (both near-term and mid-term projects) is estimated to be nearly \$71 million. This equates to an average annual CIP of approximately \$7 million per year in the next ten years in 2025 dollars.

As shown in Figure 9.10, the distribution system improvement projects represent the highest cost category, totaling \$32.2 million, which accounts for 45 percent of the 10-year CIP. When combined with fire flow improvements (\$7.4 million or 10 percent), the distribution system pipeline projects account for over half (55 percent) of the total 10-year CIP, followed by booster pump improvements (10.0 million or 14 percent of total 10-year CIP) and technology and software improvements (\$7.6 million or 11 percent of the total 10-year CIP).

Table 9.4 10-Year CIP Cost Estimates

Facility Type	Near-Term FY2027-2031	Mid-Term FY 2032- 2036 ⁽¹⁾	10-Year CIP (FY 2027-2036)	10-Year CIP (%)
MWRF	\$240,000	\$1,820,000	\$2,060,000	3%
Booster Pumps	\$0	\$10,000,000	\$10,000,000	14%
Wells	\$530,000	\$4,190,000	\$4,720,000	7%
Reservoirs	\$200,000	\$868,000	\$1,068,000	2%
Fire Flow	\$0	\$7,396,000	\$7,396,000	10%
Transmission (incl. cathodic protection)	\$2,319,000	\$0	\$2,319,000	3%
Distribution System ⁽²⁾	\$8,184,000	\$24,017,000	\$32,201,000	45%
Vaults	\$775,000	\$752,000	\$1,527,000	2%
Tech & Software	\$5,355,500	\$2,225,000	\$7,580,500	11%
Clean Fleet	\$80,000	\$1,960,000	\$2,040,000	3%
Studies	\$0	\$0	\$0	0%
Total Cost by Phase	\$17,683,500	\$53,228,000	\$70,911,500	100%
Average Cost by FY	\$3,500,000	\$10,600,000	\$7,100,000	N/A

Notes:

(1) Costs shown are planning level costs presented in current dollars (Los Angeles January 2025 Engineering News-Record Construction Cost Index of 15592 and subject to future cost escalation.

(2) Dependent upon Pipeline Integrity Program.

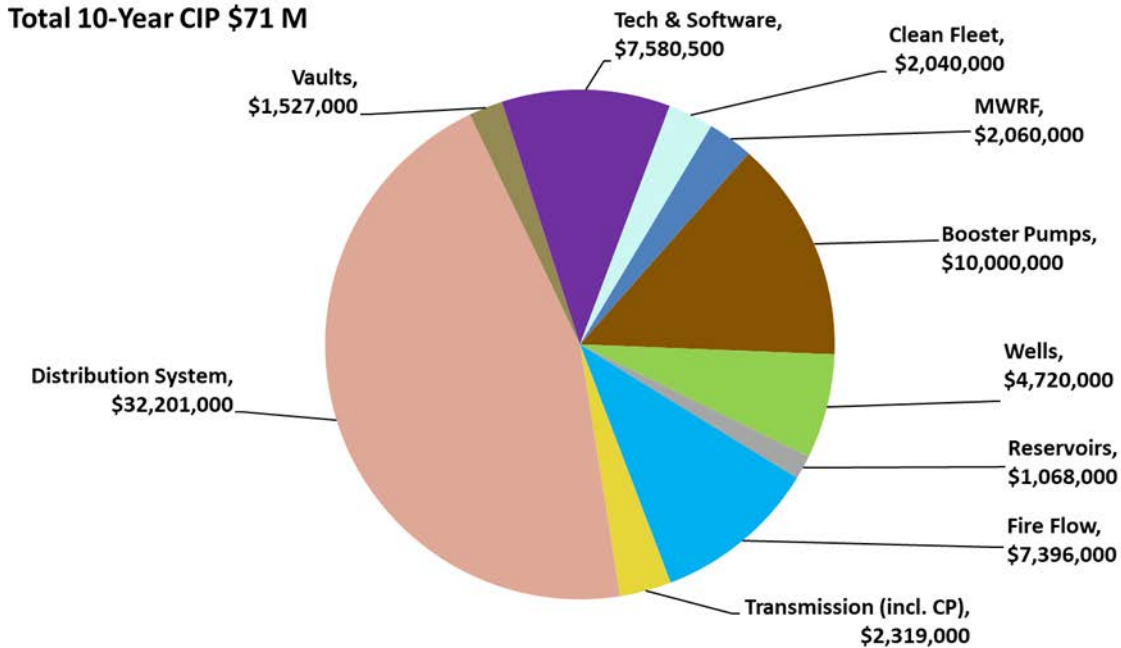


Figure 9.10 10-Year CIP Cost Distribution by Facility Type

9.2 Combined CIP (FY 2027 - FY 2036+)

As shown in Table 9.5, the combined estimated CIP from FY 2027 through FY 2036 and beyond is \$129 million. The cost estimates by planning phase are also graphically presented in Figure 9.11. Although there is no period defined for the long-term phase (beyond FY 2036), it is assumed that it would take approximately 5 years to implement the projects included in the long-term phase if a similar expenditure of roughly \$9 million per year would be maintained, excluding inflation corrections. About 83 percent of the costs are allocated for existing customers and 17 percent for future users.

Table 9.5 CIP Cost Estimates by Facility Type and Planning Period

Facility Type	Near-Term (FY 2027-2031)	Mid-Term (FY 2032-2036)	Long-Term ⁽¹⁾ (beyond FY 2036)	Total CIP ⁽²⁾ (FY 2027-2036+)	Total CIP ⁽³⁾ (%)
MWRF	\$240,000	\$1,820,000	\$20,000,000	\$22,060,000	17%
Booster Pumps	\$0	\$10,000,000	\$0	\$10,000,000	8%
Wells	\$530,000	\$4,190,000	\$3,010,000	\$7,730,000	6%
Reservoirs	\$200,000	\$868,000	\$0	\$1,068,000	1%
Fire Flow	\$0	\$7,396,000	\$7,035,000	\$14,431,000	11%
Transmission (incl. CP)	\$2,319,000	\$0	\$0	\$2,319,000	2%
Distribution System ⁽⁴⁾	\$8,184,000	\$24,017,000	\$25,921,000	\$58,122,000	45%
Vaults	\$775,000	\$752,000	\$0	\$1,527,000	1%

Facility Type	Near-Term (FY 2027-2031)	Mid-Term (FY 2032-2036)	Long-Term ⁽¹⁾ (beyond FY 2036)	Total CIP ⁽²⁾ (FY 2027-2036+)	Total CIP ⁽³⁾ (%)
Tech & Software	\$5,355,500	\$2,225,000	\$0	\$7,580,500	6%
Clean Fleet	\$80,000	\$1,960,000	\$1,500,000	\$3,540,000	3%
Studies	\$0	\$0	\$1,000,000	\$1,000,000	1%
Total Cost by Phase	\$17,683,500	\$53,228,000	\$58,466,000	\$129,377,500	100%
Annual Cost by FY⁽⁴⁾	\$3,500,000	\$10,600,000	\$11,700,000	\$8,600,000	N/A

Notes:

CP - Cathodic Protection

(1) Recurring programmatic project cost and the average annual cost (\$/FY) for the Long-Term CIP Phase is based on a 5-year period.

(2) Costs shown are planning level costs presented in current dollars (Los Angeles January 2025 Engineering News-Record Construction Cost Index of 15592 and subject to future cost escalation.

(3) Total may not add up due to rounding.

(4) Dependent on Pipeline Integrity Program.

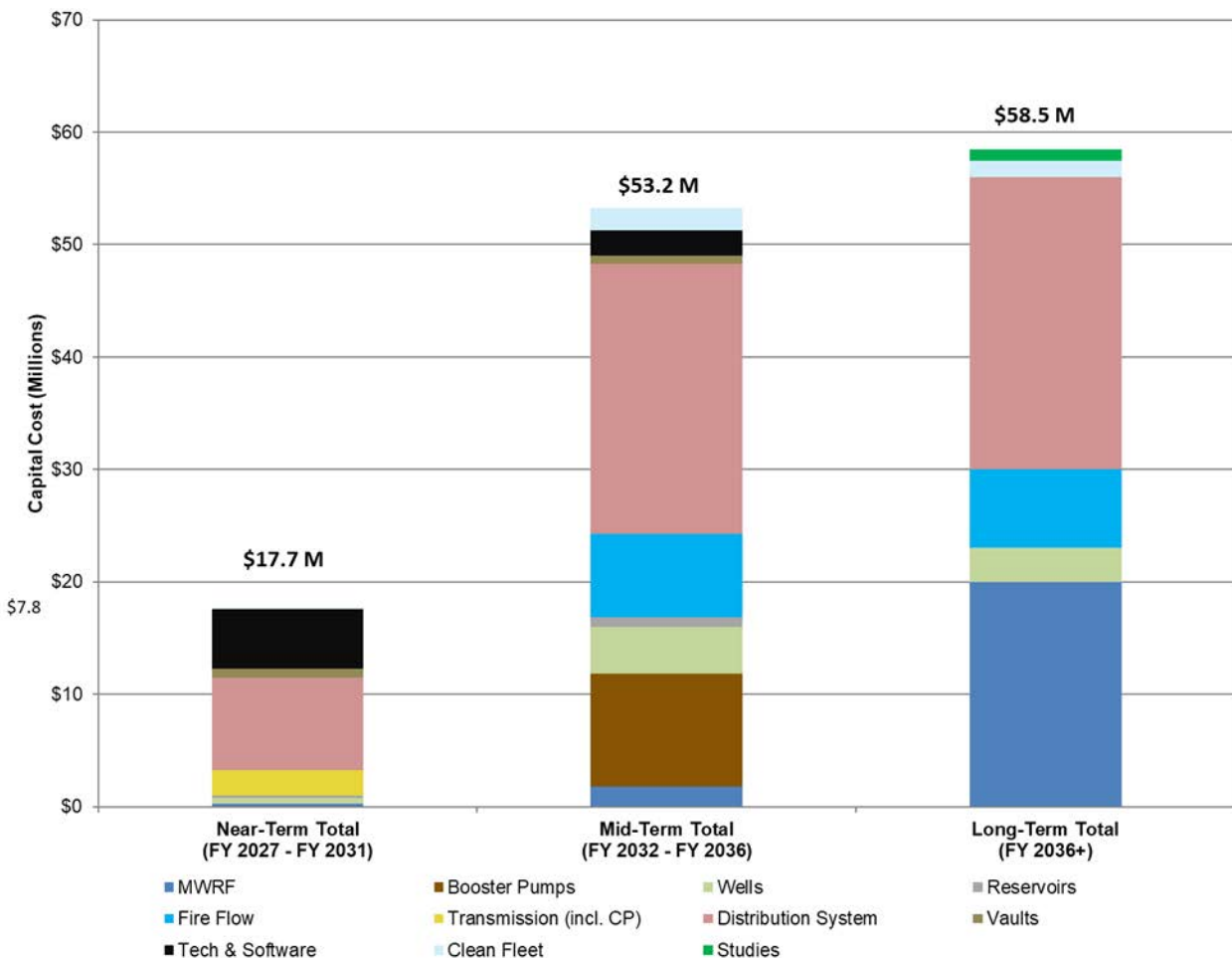


Figure 9.11 Total CIP by Planning Phase

The distribution of the combined CIP costs by facility type is graphically shown in Figure 9.12. As shown, distribution system improvement projects represent the highest cost category, totaling \$58 million (excluding \$14.4 million in fire flow improvements), which accounts for nearly 45 percent of the total combined CIP, followed by MWRF improvements (\$22.1 million or 17 percent of the total combined CIP).

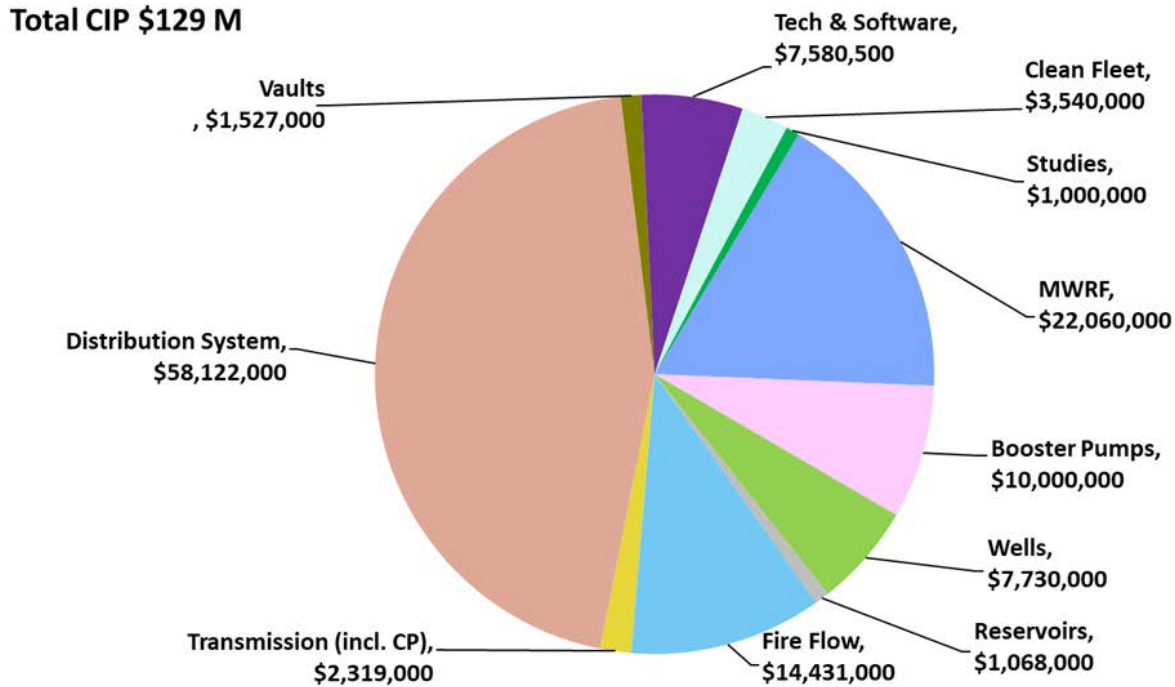


Figure 9.12 Total CIP Cost Distribution by Facility Type

A detailed breakdown of all recommended projects by facility type and planning year is shown in Table 9.6. As projects are phased in FYs, the first half of the year runs from July through December, while the second half of the FY runs from January to June.

Table 9.6 Detailed Capital Improvement Plan Recommendations from FY2027 through FY2036 and beyond

Improv. ID	Existing or Future	Location	Source ⁽⁹⁾	Facility Type	Type of Improvement	Project Phase	Description	New Size/Diam. (in)	Remove / Replace	Unit	Unit Cost (\$)	Baseline Construction Cost (\$)	Capital Improvement Cost ^(1,2) (\$)	Ongoing FY 2026 (\$)	Phasing					Mid-Term FY 2032-FY 2036 (\$)	Long-Term FY 2036+ (\$)	Combined CIP (excl. FY 2026) FY 2027 through FY 2036+	Cost Allocation										
															FY 2027 (\$)	FY 2028 (\$)	FY 2029 (\$)	FY 2030 (\$)	FY 2031 (\$)				Existing Users %	Future Users %	Existing Users \$	Future Users \$							
Water System Fire Flow Improvements																																	
Distribution System Pipelines																																	
FF-01	Existing	Ralcam Pl, West of Thurin Ave	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	Length (ft)	\$/ft																						
FF-02	Existing	Republic Ave, Southeast of Oak St	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	600	\$ 360	\$ 216,000	\$ 361,000																				
FF-03	Existing	Whittier Ave and Arbor St, North of W. 19th St	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	1,300	\$ 360	\$ 468,000	\$ 782,000																				
							Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	1,000	\$ 360	\$ 360,000	\$ 601,000																				
FF-04	Existing	Evergreen Pl and W. 20th St, West of Monrovia Ave and Ohms Way	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	1,000	\$ 360	\$ 360,000	\$ 601,000																				
FF-05	Existing	Emerson St, East of Tustin Ave and E Bay St and Palomo Dr	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	1,400	\$ 360	\$ 504,000	\$ 842,000																				
FF-06	Existing	Off Tustin Ave, between E. 17th St and Alley	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	300	\$ 360	\$ 108,000	\$ 180,000																				
FF-07	Existing	Pine Pl and Plum Pl, Northeast of Federal Ave	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	500	\$ 360	\$ 180,000	\$ 301,000																				
FF-08	Existing	W. 18th St, Whittier Ave to Monrovia Ave	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	1,800	\$ 360	\$ 648,000	\$ 1,082,000																				
FF-09	Existing	Balmoral Pl, South of Seabluff Dr and next to Bristol and 55 Fwy	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	200	\$ 360	\$ 72,000	\$ 120,000																				
FF-10	Existing	W. Bay St, Harbor Blvd to Thurin Ave	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	1,900	\$ 360	\$ 684,000	\$ 1,142,000																				
FF-11	Existing	Garden Ln and Woodland Pl, between Tustin Ave and 21st St	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	1,900	\$ 360	\$ 684,000	\$ 1,142,000																				
FF-12	Existing	East of Orange Ave, Rochester St	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	600	\$ 360	\$ 216,000	\$ 361,000																				
FF-13	Existing	Pamela Ln, Southeast of Joann St	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	500	\$ 360	\$ 180,000	\$ 301,000																				
FF-14	Existing	Clubhouse Rd, Kauai Dr to Lanai Dr	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	500	\$ 360	\$ 180,000	\$ 301,000																				
FF-15	Existing	W. Wilson St, between College Ave and Fordham Dr	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	600	\$ 360	\$ 216,000	\$ 361,000																				
FF-16	Existing	Capri Ln, West of Mesa Verde Dr	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	1,700	\$ 360	\$ 612,000	\$ 1,022,000																				
FF-17	Existing	Sunset Dr, Southwest of Monrovia Ave	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	700	\$ 360	\$ 252,000	\$ 421,000																				
FF-18	Existing	Newhall St, Southeast of Monrovia Ave	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	600	\$ 360	\$ 216,000	\$ 361,000																				
FF-19	Existing	Alley from E 18th St to Irvine Ave	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	800	\$ 360	\$ 288,000	\$ 481,000																				
FF-20	Existing	Linden Pl and State Ave	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	800	\$ 360	\$ 288,000	\$ 481,000																				
FF-21	Existing	Alley, between E. 18th St and Flower St	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	1,000	\$ 360	\$ 360,000	\$ 601,000																				
FF-22	Existing	Hamilton St and Sydney Ln off Thurin Ave	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	1,100	\$ 360	\$ 396,000	\$ 661,000																				
FF-23	Existing	Parkhill Dr.	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	600	\$ 360	\$ 216,000	\$ 361,000																				
FF-24	Existing	Vista Baya, West of Tustin Ave	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	600	\$ 360	\$ 216,000	\$ 361,000																				
FF-25	Existing	President Pl, Southeast of Victoria St	2014 WMP	Pipe	Fire Flow	FY 2032 - FY 2036	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	600	\$ 360	\$ 216,000	\$ 361,000																				
FF-26	Existing	Bluebird Ct, North of Hummingbird Dr	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	700	\$ 360	\$ 252,000	\$ 421,000																				
FF-27	Existing	Lilac Ln, West of Santa Ana Ave	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	600	\$ 360	\$ 216,000	\$ 361,000																				
FF-28	Existing	Mesa Verde Dr./Boa Vista Cir	2014 WMP	Pipe	Fire Flow	FY 2036+	Fire Flow Improvements that overlap with available flow < 1500 gpm	8"	Replace	100	\$ 360	\$ 36,000	\$ 60,000																				
Subtotal																																	
Fire Flow Improvements Total																																	
Repair and Rehabilitation Projects																																	
Transmission System																																	
										Unit (LS)	\$/unit																						
CP-01	Existing	N-S, E-W, Eastside Feeders	TM-3	Rectifier	R&R	FY 2027	Replace the broken rectifiers on the N-S Feeder, E-W Feeder, and Eastside Feeder.		Replace	1	\$ 58,000	\$ 58,000	\$ 97,000																				
CP-02	Existing	N-S, E-W, Eastside Feeders	TM-3	Deep Well Anode	R&R	FY 2027	Replace the deep well anode groundbeds that have depleted or are near depletion on the N-S Feeder, E-W feeder, and Eastside Feeder.		Replace	1	\$ 154,000	\$ 154,000	\$ 257,000																				
CP-03	Existing	Bristol Bear, Tanager Drive, Cape Apartments, Airport	TM-3	Galvanic Anodes	R&R	FY 2027	Replace the galvanic anodes on the Bristol Bear (MC-887), Tanager Drive, Cape Apartments, and Airport pipelines.		Replace	1	\$ 36,000	\$ 36,000	\$ 60,000																				
CP-04	Existing	Bristol Bear, Cape Apartments	TM-3	CP Test Station	R&R	FY 2027	Replace the missing CP test stations on the Bristol Bear (MC-887) and Cape Apartments pipeline.		Replace	1	\$ 8,000	\$ 8,000	\$ 13,000																				
CP-05	Existing	Pomona Avenue and Baker Street	TM-3 & District Sheet	CP System	R&R	FY 2029 - FY 2030	Design and install a CP system for the Pomona Avenue and Baker Street pipelines.		New	1	\$ 240,000	\$ 240,000	\$ 401,000					\$ 80,200	\$ 320,800														
CP-06	Existing	Arlington Pipeline	TM-3	Rectifier	R&R	FY 2030	Replace the rectifier on the Arlington pipeline at location 34+59.		Replace	1	\$ 8,000	\$ 8,000	\$ 13,000						\$ 13,000														
CP-07	Existing	Eastside Feeder (STA 42+73)	TM-3	Deep Well Anode	R&R	FY 2030	Replace the deep well anode groundbed on the Eastside Feeder at location 42+73.		Replace	1	\$ 28,000	\$ 28,000	\$ 47,000						\$ 47,000														
CP-08	Existing	Conway Avenue, Orange Avenue	TM-3 & District Sheet	CP System	R&R	FY 2030 - FY 2031	Design and install a CP system for the Conway Avenue and Orange Avenue pipelines.		New	1	\$ 240,000	\$ 240,000	\$ 401,000					\$ 80,200	\$ 320,800														
CP-09 ⁽⁴⁾	Existing	Chandler and Croddy	TM-3	CP System	Inspection	FY 2027	Install test boards during the next CP system testing cycle on the Chandler and Croddy pipeline.		Inspection	1	\$ 8,000	n/a																					
CP-10 ⁽⁴⁾	Existing	Arlington Pipeline	TM-3	CP System	Inspection	FY 2027 - 2036+	Biennial CP testing for Arlington pipeline		Inspection	1	\$ 13,000	n/a																					
CP-11 ⁽⁴⁾	Existing	OC-44	TM-3	CP System	Inspection	FY 2027 - 2036+	Biennial CP testing for OC-44 pipeline		Inspection																								

Improv. ID	Existing or Future	Location	Source ⁽⁴⁾	Facility Type	Type of Improvement	Project Phase	Description	New Size/Diam. (in)	Remove / Replace	Unit	Unit Cost (\$)	Baseline Construction Cost (\$)	Capital Improvement Cost ^(1,2) (\$)	Ongoing	Phasing						Combined CIP (excl. FY 2026) FY 2027 through FY 2036+	Cost Allocation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Improv. ID	Existing or Future	Location	Source ⁽¹⁾	Facility Type	Type of Improvement	Project Phase	Description	New Size/Diam. (in)	Remove / Replace	Unit	Unit Cost (\$)	Baseline Construction Cost (\$)	Capital Improvement Cost ^(1,2) (\$)	Ongoing	Phasing						Combined CIP (excl. FY 2026) FY 2027 through FY 2036+	Cost Allocation					
															Near-Term				Mid-Term	Long-Term		Existing Users %	Future Users %	Existing Users \$	Future Users \$		
														FY 2026 (\$)	FY 2027 (\$)	FY 2028 (\$)	FY 2029 (\$)	FY 2030 (\$)	FY 2031 (\$)	FY 2032-FY 2036 (\$)	FY 2036+ (\$)						
MWRF										Unit (LS)	\$/unit										\$ -						
M-01	Existing	MWRF	TM-5	Ammonia Storage Tank	R&R	FY 2027	Coating existing ammonia storage tank to be compatibe with liquid ammonia sulfate storage		Replace	1	\$ 30,000	n/a	\$ 30,000		\$ 30,000							\$ 30,000	100%	0%	\$ 30,000	\$ -	
M-02	Existing	Process Building	TM-9	HVAC	R&R	FY 2028	HVAC Improvements		Replace	1	\$ 65,000	\$ 65,000	\$ 110,000			\$ 110,000						\$ 110,000	100%	0%	\$ 110,000	\$ -	
M-03	Existing	Mesa Water Education Center	District Spreadsheet	MWRF	R&R	FY 2026	MWRF Front Entry Flag		New	1	\$ 100,000	n/a	\$ 100,000	\$ 100,000								\$ -	100%	0%	\$ -	\$ -	
M-04 ⁽⁵⁾	Existing	Chemical Building	TM-9	High-Pressure Discharge Switch Footing	O&M	FY 2027	Caustic Soda Peristaltic Pump No. 4 High-Pressure Discharge Switch Footing		Replace	1	\$ 1,000	n/a										\$ -	100%	0%	0	\$ -	
M-05	Existing	Plant	2014 WMP	MWRF	R&R	FY 2028	Bypass and Finished Water Vaults Rehabilitation		Replace	1	\$ 50,000	\$ 50,000	\$ 84,000			\$ 84,000						\$ 84,000	100%	0%	\$ 84,000	\$ -	
M-06	Existing	MWRF Vaults 24, 25, 26	TM-9	MWRF	O&M	FY 2028	MWRF Vaults Requiring O&M		Replace	1	\$ 9,800	\$ 9,800	\$ 16,000			\$ 16,000						\$ 16,000	100%	0%	\$ 16,000	\$ -	
M-07	Existing	Plant	2014 WMP	MWRF	R&R	FY 2032 - FY 2036	Air Compressor System Relocation		Replace	1	\$ 70,000	\$ 70,000	\$ 120,000							\$ 120,000		\$ 120,000	100%	0%	\$ 120,000	\$ -	
M-08	Existing	Plant	TM-2	MWRF	R&R	FY 2032 - FY 2036	Nanofiltration Membrane Units Replacements		Replace	1	\$ 1,000,000	\$ 1,000,000	\$ 1,700,000							\$ 1,700,000		\$ 1,700,000	100%	0%	\$ 1,700,000	\$ -	
M-09	Future	Plant	TM-2	Treatment Train	Supply Reliability	FY 2036+	MWRF expansion with an additional third train. This project is likely beyond the 10-year horizon of this CIP Update with the BPP being at 85%. If the BPP trends down in the future, this may be a viable option to keep in view for the future		New	1	\$ 12,000,000	\$ 12,000,000	\$ 20,000,000								\$ 20,000,000	\$ 20,000,000	0%	100%	\$ -	\$ 20,000,000	
Subtotal												\$ 13,194,800	\$ 22,160,000	\$ 100,000	\$ 30,000	\$ 210,000	\$ -	\$ -	\$ -	\$ 1,820,000	\$ 20,000,000	\$ 22,060,000	n/a	n/a	\$ 2,060,000	\$ 20,000,000	
R & R Total												\$ 41,228,900	\$ 115,056,000	\$ 12,230,000	\$ 3,307,000	\$ 2,815,000	\$ 2,114,200	\$ 2,061,000	\$ 1,950,800	\$ 41,647,000	\$ 48,931,000	\$ 102,826,000	n/a	n/a	\$ 82,074,000	\$ 20,752,000	
Miscellaneous Projects										Unit (LS)	\$/unit											\$ -					
ST-01	Existing	N/A	District Spreadsheet		Study	FY 2026	Feasibility study for supplying water to the City of Newport Beach and City of Huntington Beach.		Study	1	\$ 75,000	n/a	\$ 75,000	\$ 75,000								\$ -	100%	0%	\$ -	\$ -	
ST-02	Existing	N/A	TM-2		Study	FY 2026	Local Supply Improvement Project Expansion (LSIP)		Study	1	\$ 200,000	n/a	\$ 200,000	\$ 200,000								\$ -	100%	0%	\$ -	\$ -	
ST-03	Future	N/A	2026 CIP		Study	FY 2036+	Water Master Plan Update		Study	1	\$ 1,000,000	n/a	\$ 1,000,000							\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	0%	100%	\$ -	\$ 1,000,000	
Subtotal												\$ -	\$ 1,275,000	\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	n/a	n/a	\$ -	\$ 1,000,000
Clean Fleet										Unit (LS)	\$/unit											\$ -					
CF-01	Existing	N/A	District Spreadsheet		Vehicles	FY 2026 - FY 2027	Purchase New F-150 Truck		New	1	\$ 130,000	n/a	\$ 130,000	\$ 50,000	\$ 80,000							\$ 80,000	100%	0%	\$ 80,000	\$ -	
CF-02	Existing	N/A	TM-5		Vehicles	FY 2032- FY 2036	ZEVs for Group 2 (Pickup Truck and Work Truck)		R&R	5	\$ 125,000	n/a	\$ 625,000						\$ 625,000		\$ 625,000	100%	0%	\$ 625,000	\$ -		
CF-02	Existing	N/A	FY 2036+		Vehicles	FY 2036+	ZEVs for Group 2 (Pickup Truck and Work Truck)		R&R	4	\$ 125,000	n/a	\$ 500,000						\$ 500,000	\$ 500,000	\$ 500,000	100%	0%	\$ 500,000	\$ -		
CF-03	Existing	N/A	TM-5		Vehicles	FY 2032- FY 2036	ZEVs for Group 2-PE (Boom Truck and Dump Truck)		R&R	2	\$ 250,000	n/a	\$ 500,000						\$ 500,000		\$ 500,000	100%	0%	\$ 500,000	\$ -		
CF-03	Existing	N/A	FY 2036+		Vehicles	FY 2036+	ZEVs for Group 2-PE (Boom Truck and Dump Truck)		R&R	4	\$ 250,000	n/a	\$ 1,000,000							\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	100%	0%	\$ 1,000,000	\$ -	
CF-04	Existing	MWRF	District Spreadsheet	EV Charging Station	Study	FY 2026	Feasibility study and preliminary cost estimate of constructing electric vehicle (EV) charging stations.		Study	1	\$ 75,000	n/a	\$ 75,000	\$ 75,000								\$ -	100%	0%	\$ -	\$ -	
CF-05	Existing	N/A	TM-5		Charging Infrastructure	FY 2032- FY 2036	EV Charging Infrastructure		New	1	\$ 500,000	\$ 500,000	\$ 835,000						\$ 835,000		\$ 835,000	100%	0%	\$ 835,000	\$ -		
Subtotal												\$ 500,000	\$ 3,665,000	\$ 125,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 1,960,000	\$ 1,500,000	\$ 3,540,000	n/a	n/a	\$ 3,540,000	\$ -	
Technological & Software Related Projects										Unit (LS)	\$/unit											\$ -					
TS-01	Existing	N/A	District Spreadsheet		Study	FY 2026 - FY 2028	Development of vision and scope of work for SCADA master plan.		Study	1	\$ 600,000	n/a	\$ 600,000	\$ 100,000		\$ 500,000						\$ 500,000	100%	0%	\$ 500,000	\$ -	
TS-02	Existing	N/A	TM-6		Study	FY 2032- FY 2036	Technology implementation pilot study		Study	1	\$ 75,000	n/a	\$ 75,000						\$ 75,000		\$ 75,000	100%	0%	\$ 75,000	\$ -		
TS-03	Existing	N/A	TM-7		Services	FY 2032- FY 2036	Consulting services to support asset management gap assessment, strategy, levels of service, KPIs etc.		Asset Management	1	\$ 150,000	n/a	\$ 150,000	\$ -	\$ -				\$ 150,000		\$ 150,000	100%	0%	\$ 150,000	\$ -		
TS-04	Existing	N/A	TM-7		Services	FY 2032- FY 2036	Asset Management Software & Implementation, depending on Mesa Water's chosen path after gap assessments		Asset Management	1	\$ 2,000,000	n/a	\$ 2,000,000						\$ 2,000,000		\$ 2,000,000	100%	0%	\$ 2,000,000	\$ -		
TS-05	Existing	N/A	District Spreadsheet		Services	FY 2026 - FY 2031	Information Technology Systems: Software and Hardware from FY2026-FY2031		Asset Management	per year	varies	n/a	\$ 5,934,500	\$ 1,079,000	\$ 1,014,000	\$ 1,039,500	\$ 942,000	\$ 860,000	\$ 1,000,000			\$ 4,855,500	100%	0%	\$ 4,855,500	\$ -	
Subtotal												\$ -	\$ 8,759,500	\$ 1,179,000	\$ 1,014,000	\$ 1,539,500	\$ 942,000	\$ 860,000	\$ 1,000,000	\$ 2,225,000	\$ -	\$ 7,580,500	n/a	n/a	\$ 7,580,500	\$ -	
Miscellaneous Projects Total												\$ 500,000	\$ 13,699,500	\$ 1,579,000	\$ 1,094,000	\$ 1,539,500	\$ 942,000	\$ 860,000	\$ 1,000,000	\$ 4,185,000	\$ 2,500,000	\$ 12,120,500	n/a	n/a	\$ 11,120,500	\$ 1,000,000	
Grand Total CIP												\$ 50,368,900	\$ 143,186,500	\$ 13,809,000	\$ 4,401,000	\$ 4,354,500	\$ 3,056,200	\$ 2,921,000	\$ 2,950,800	\$ 53,228,000	\$ 58,466,000	\$ 129,377,500	n/a	n/a	\$ 107,625,500	\$ 21,752,000	

Notes:
(1) Costs are based on 2025 dollars and subject to future cost escalation
(2) Engineering News Record Construction Cost Index (ENR CCI) number of 15,592 (Los Angeles Index, January 2025)
(3) 2014 WMP - 2014 Water Master Plan
2025 CIP - 2025 Capital Improvement Program
TM-2 (Supply Analysis)
TM-3 (Transmission & CP System)
TM-5 (Regulatory Compliance)
TM-6 (Technological Advancements)
TM-7 (Asset Mgmt. Roadmap)
TM-9 (Condition Assessment)
District - Mesa Water District
(4) These projects will be implemented as part of Project D-06 (Annual Pipeline Integrity Program)
(5) These projects will be implemented as part of Project W-07 (Annual Rehabilitation and Replacement (R&R) projects for production facilities.

APPENDIX A

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APPENDIX A REFERENCES

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*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Andrew D. Wiesner, P.E., District Engineer
DATE: January 28, 2026
SUBJECT: Rules and Regulations for Water Service (Including Single Meter Policy)

RECOMMENDATION

Adopt Resolution No. 1609 Amending Mesa Water District's Rules and Regulations for Water Service Superseding Resolution No. 1593.

STRATEGIC PLAN

Goal #1: Provide an abundant, local, reliable and safe water supply.
Goal #2: Perpetually renew and improve our infrastructure.
Goal #3: Be financially responsible and transparent.
Goal #4: Increase public awareness of Mesa Water.
Goal #6: Provide excellent customer service.

PRIOR BOARD ACTION/DISCUSSION

At its April 3, 2025 workshop, the Board of Directors (Board) directed staff to develop an updated single-meter policy for all residential units within the District's service area, effective immediately for all projects currently underway, in plan check, future developments and re-piping projects. For residential units on private streets where Mesa Water District (Mesa Water®) does not own the piping, Mesa Water will install sub-meters consistent with current third-party practices.

At its June 11, 2025 meeting, the Board received an Information Item regarding the Single Meter Policy.

At its September 24, 2025 meeting, the Board directed staff to update the Rules and Regulations for Water Service and Fees and Charges for Miscellaneous Services and bring draft resolutions to a future meeting for adoption.

BACKGROUND

Mesa Water's Rules and Regulations for Water Service (Rules and Regulations) establish rules and regulations concerning the sale, distribution and use of water within Mesa Water's service area. One of the policies defined in the Rules and Regulations is Mesa Water's Single Meter Policy. Mesa Water's standard metering policy states that individually owned units shall be individually metered unless otherwise set forth in the Rules and Regulations. Additionally, the Single Meter Policy stipulates that all meters shall be placed in the public right of way unless approved easements are accepted by the District Engineer and approved by the Board.



DISCUSSION

With increasing densification within the District's service area, more of Mesa Water's customers are connected to the distribution system through a master meter. These customers include many commercial tenants as well as those who live in townhome communities and apartment complexes. This densification has resulted in more customers that do not receive a water bill from Mesa Water, a key communication tool.

Since receiving direction from the Board on April 3, 2025, staff has begun implementing individual metering for all proposed dwelling units. To support these efforts, staff recommends updates to the Rules and Regulations to require individual meters for all dwelling units and to allow master metering with Mesa Water-owned meters installed for all dwelling units on private property in approved easements when installing individual meters adjacent to the curb in the public right of way is physically impossible, impractical or unsafe. Proposed changes to the Rules and Regulations developed to fully implement the Metering Policy are shown in Attachments A and B.

LEGAL REVIEW

Mesa Water's Legal Counsel – Atkinson, Andelson, Loya, Ruud & Romo – has reviewed the draft resolution and recommends Board approval.

FINANCIAL IMPACT

None.

ATTACHMENTS

Attachment A: Draft Resolution No. 1609

Attachment B: Resolution No. 1593, Redline

RESOLUTION NO. 1609

RESOLUTION OF THE MESA WATER DISTRICT BOARD OF DIRECTORS AMENDING THE RULES AND REGULATIONS FOR WATER SERVICE SUPERSEDING RESOLUTION NO. 1593

WHEREAS, 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 established its Rules and Regulations for Water Service (Rules and Regulations) concerning the sale, distribution and use of water, and related matters, pursuant to the provisions of California Water Code Sections 31000, 31001 and 31024; and

WHEREAS, the Mesa Water Board of Directors (Board) has determined that it is appropriate at this time to provide for certain amendments to the Rules and Regulations; and

WHEREAS, the Board has determined to adopt this Resolution to provide for such amendments to the Rules and Regulations and take related actions.

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

Section 1. The Rules and Regulations are amended as set forth in Attachment A to this Resolution, which is incorporated herein by this reference. The amendments to the Rules and Regulations shall be effective immediately upon the adoption of this Resolution by the Board.

Section 2. Except as set out in Section 1, above, the Rules and Regulations are not otherwise amended or revised.

Section 3. Mesa Water Resolution No. 1593 is superseded by the adoption of this Resolution.

Section 4. Mesa Water employees and consultants are authorized to take such other and further action(s) as are necessary or desirable to carry out the directives of this Resolution.

ADOPTED, SIGNED AND APPROVED this 28th day of January 2026 by the following roll call vote.

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

Marice H. DePasquale
President, Board of Directors

Denise Khalifa
District Secretary

RESOLUTION NO. 1609

ATTACHMENT A

**RESOLUTION OF THE
MESA WATER DISTRICT BOARD OF DIRECTORS
AMENDING THE RULES AND REGULATIONS FOR WATER SERVICE
SUPERSEDING RESOLUTION NO. 1593**

Rules and Regulations for Water Service

Amended January 28, 2026



Rules and Regulations for Water Service

Adopted on January 28, 2026

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SECTION 1 – GENERAL

1.1 INTRODUCTION

Mesa Water District (Mesa Water® or District) was formed on January 1, 1960, under the provisions of the Costa Mesa Merger Law being Water Code Sections 33200 and following, a special act of the California Legislature, which was enacted in 1959. Mesa Water District is a county water district operating pursuant to the County Water District Law. The Board, as authorized by Sections 31000, 31001, 31024, and 31025 of the Water Code, has established these Rules and Regulations for the sale, distribution, and use of Water.

Mesa Water provides Water Service to Applicants, subject to the availability of Water and the facilities necessary to provide the service, conditional upon receipt of required Fees and Charges and in accordance with these Rules and Regulations.

All terms, conditions, rates, and requirements contained herein are subject to change by actions of the Board.

1.2 DEFINITIONS

Whenever the following terms, or pronouns used in their place, occur in these Rules and Regulations, or in any documents that these Rules and Regulations govern, the intent and meaning shall be interpreted as follows:

AFSSC – shall mean Automatic Fire Sprinkler Service Connection for the dedicated fireline Service Connections.

Air-Gap Separation – shall mean a physical separation between the free-flowing discharge end of a Water supply pipeline and an open or non-pressure receiving vessel. The separation shall be at least double the diameter of the supply pipe measured vertically above the overflow rim of the vessel, and in no case less than one inch. The design shall be to the satisfaction of the General Manager or the General Manager's Designee(s) and the Appropriate Regulatory Agencies.

Applicant – shall mean any person, persons, firm, corporation, association, or agency that desires and applies to obtain Water Service from Mesa Water.

Application for New Service Form – shall mean a contractual agreement applied for by a person, persons, firm, corporation, association, or agency who desires to install, remove, alter, or replace, or cause to be installed, removed, altered, or replaced, any Water facility or appurtenance.

Application for New Service Permit – shall mean the Application for New Service Form

becomes a permit when approved and validated by Mesa Water.

Application for Temporary Water Service – shall mean a contractual agreement applied for by a person, persons, firm, corporation, association, or agency who desires to obtain temporary Water Service for use during construction.

Appropriate Regulatory Agencies – shall mean those public agencies legally constituted to protect the public health and Water quality such as, and not limited to, the California Department of Health Services, the Santa Ana Regional Water Quality Control Board, the Orange County Health Care Agency and the City of Costa Mesa Building and Safety Department.

Approved Use – shall mean an application of Recycled Water in a manner, and for a purpose, designated in a User Agreement or Water Service Agreement issued by Mesa Water and in compliance with any and appropriate regulatory agency requirements.

Approved Use Area – shall mean a site, with well-defined boundaries, designated in a User Agreement or Water Service Agreement issued by Mesa Water to receive Recycled Water for an Approved Use and acknowledged by the Appropriate Regulatory Agencies.

AWWA – shall mean American Water Works Association.

AWWA Guidelines – shall mean the latest versions of “*Guidelines for Distribution of Non-Potable Water*” and “*Guidelines for the On-site Retrofit of Facilities Using Disinfected Tertiary Recycle Water*” as put out by the California-Nevada Section of the American Water Works Association.

Backflow – shall mean the flow of Water or other liquids, mixtures, gases, or any other substances into the distribution pipes of the Potable Water System from any source or sources other than Mesa Water’s sources.

Backflow Prevention Assembly – shall mean a specially designed and certified Reduced Pressure Principle Backflow Prevention Assembly and the Double Check Valve Assembly, that is used in protecting the Potable Water System from contamination that originated downstream of the assembly.

Basic Charge – shall mean a fixed Rate or charge imposed by Mesa Water for readiness-to-serve Water on a periodic basis based on meter or service size, as applicable, as set forth in the Water Rate and Charge Schedule.

Billing Unit – shall mean the unit of Water used to apply Water Rates for purposes of calculating Water Charges for Water usage. Mesa Water’s Billing Unit is currently equal to 100 cubic feet of Water.

Board or Board of Directors – shall mean the elected Board of Directors of the Mesa Water District.

Business Day – shall mean Monday – Friday 8:00 a.m. to 5:00 p.m. excluding holidays.

Capacity Charge – shall mean a Fee or Charge charged to an Applicant in connection with an Application for New Service Permit, for an increase in demand for Potable Water Service. A Capacity Charge shall be charged for property not previously served by Mesa Water or property with an existing Water Service requiring an increase in demand for Water Service.

Charges – shall mean the accumulation of any and applicable Fees, Rates, Basic Charge(s), Usage Charge(s), and other amounts due pursuant these Rules and Regulations, or as otherwise directed by Mesa Water, chargeable to the Customer of Record or other person or party, as shall be applicable.

Construction Use – shall mean an Approved Use of Water to support construction activities such as soil compaction and dust control.

Contractor – shall mean the party entering into contract with the Applicant for performance of the work for which Mesa Water issues a Permit. The Applicant and the Contractor may or may not be the same.

County of Orange Health Care Agency, Department of Environmental Health (OCHCA) – shall mean the local health agency responsible for onsite public health issues covering Mesa Water’s service area.

County of Orange Department of Public Health (OCDPH) – See County of Orange Health Care Agency, Department of Environmental Health (OCHCA).

Cross Connection – shall mean any unprotected, actual, or potential connection between any part of a Potable Water System used to supply Water for drinking purposes and any source or system containing Water or substance that is not or cannot be approved by Mesa Water as safe, wholesome, and potable. By-pass arrangements, jumper connections, removable sections, swivel or changeover device(s), or other device(s) through which Backflow could occur, shall be considered to be Cross Connections.

Customer – shall mean any person, persons, firm, corporation, association, or agency receiving Water or services from Mesa Water.

Customer Agent – shall mean any person, persons, firm, corporation, association, or agency that has power of attorney or other written authorization from the Customer of Record, provided to Mesa Water, to act on their behalf.

Customer Control Valve – shall mean a valve meeting the requirements of the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities, installed on the outlet side of a Water meter.

Customer of Record – shall mean the person or persons, firm, corporation, association, or agency that has entered into a contractual agreement with Mesa Water for Water Service. The contractual agreement may include the Application for New Service permit, the Water Service Agreement, the Application for Temporary Water Service Permit, and a request for service received at Mesa Water by phone, mail or in person. The Customer and Customer of Record may or may not be the same. The Customer of Record is responsible for payment of monies owed on accounts for which the Customer of Record has entered into a contractual agreement.

Customer Records – shall mean records described within California Government Code Section 6254.16.

DC or DCV – shall mean a Double Check Valve Assembly, which is a Backflow Prevention Assembly used to protect against a non-health hazard (pollutant).

DCDA – shall mean a Double Check Detector Assembly with a parallel meter arrangement, equipped with an approved Double Check Valve Assembly, to detect unauthorized use of Water.

Delinquent Fee – shall mean a Fee assessed on any bill or invoice in which the payment was not received by the due date, as set forth in the Water Rate and Charge Schedule.

Deposit – shall mean any money held by Mesa Water for the purpose of guaranteeing payment of money owed to Mesa Water for the costs of service. Deposits are applicable only to the account(s) for which such money was collected. Deposits are refunded only to the Customer of Record unless the deposit or has made a written request and has received permission from Mesa Water to do otherwise.

Design Area – shall mean a site, with well-defined boundaries, proposed to receive Water for an Approved Use as delineated in an application for a User Agreement or Water Service Agreement.

Design Consultant – shall mean any person or firm registered with the State as an engineer or landscape architect to provide Water System design plans, site layout, landscaping, or irrigation system design services.

Direct Beneficial Use – shall mean the use of Recycled Water that has been transported from the point of production to the point of use without an intervening discharge to waters of the State.

Direct Overspray – shall mean any discharge of Water directly onto areas other than that for which the application of Recycled Water is approved.

District Agent or District Designee – shall mean any person, persons, firm, corporation, association, or agency that has obtained written authorization from the General Manager or Board of Directors to represent Mesa Water or act on Mesa Water's behalf.

District Engineer – shall mean the duly approved and acting District Engineer of the Mesa Water District or an authorized designee.

District Water System – shall mean the entirety of the Mesa Water owned and controlled Water system, inclusive of the Potable Water System and Recycled Water System, inclusive of appurtenances and attachments thereto, up to and including the Point of Connection.

Division of Drinking Water (DDW) – shall mean the primary State agency (the State Water Resources Control Board) responsible for protection of public health and the regulation of drinking Water. The California Legislature has defined several specific regulatory responsibilities of DDW related directly or indirectly to Recycled Water use activities.

Drawings – shall mean the plans, working drawings, detail drawings, profiles, typical cross sections and supplemental drawings or reproductions thereof, approved by Mesa Water, which show locations, character, dimensions or details of the work or modifications to be performed.

Due Date – shall mean the date a bill or invoice is due. If not paid by the stated Due Date a bill or invoice becomes delinquent.

Dwelling Unit – shall mean a single unit providing complete independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking and sanitation.

Fee – shall mean any amount of money imposed or required by Mesa Water to a Customer of Record or other person or party, as applicable: (i) for Mesa Water employees to perform a service; (ii) as a penalty (which may include assessed penalties resulting from a Violation); and/or (iii) to recoup costs, each as stated in the Water Rate and Charge Schedule or other Fee schedule adopted by Mesa Water. Fees shall include, and are not limited to, those Charges imposed by Mesa Water on its Customers for services based on a fixed schedule for the particular Fee or Charge, generally not tied to a specific volume of use and thus independent of Rates. Examples of Fees include, and are not limited to, plan check and construction inspection Fees and Final Notice Fees.

Final Notice Fee(s) – shall mean a Fee assessed on any bill, after the bill has been in arrears, prior to termination of service in the event payment was not received by the due

date, as stated in the Water Rate and Charge Schedule.

General Manager or Designee – shall mean the duly appointed and acting General Manager, interim General Manager or equivalent officer appointed by the Board of Directors of Mesa Water District.

General Public – shall mean any person(s) at large who may come in contact with facilities or areas where Water is approved for use.

Hose Bib – shall mean a faucet or similar device to which a common garden hose can be readily attached (California Code of Regulations Title 22 Section 60301.400).

Irrigation Use – shall mean an Approved Use of Potable Water or Recycled Water for landscape, horticultural, or agricultural irrigation. Irrigation Use for Recycled Water is defined under Title 22 of the California Code of Regulations.

Landscape Irrigation System – shall mean an irrigation system with pipes, drip hoses, spray heads, or sprinkling devices that are operated by hand or through an automated system.

Level – shall mean any building surface above or below the street grade.

Main or Mainline – shall mean Water distribution pipelines located in streets, highways, public ways, or private rights-of-way used to deliver or transmit Water.

Master Meter – shall mean a single meter installed on a service line entering a parcel where multiple units are constructed on private property.

Mesa Water or District – shall mean the Mesa Water District or authorized District Agent.

Mesa Water Inspector – shall mean any person authorized by Mesa Water to perform inspections of either Onsite or Offsite facilities prior to construction, during construction, after construction and during operation.

Mesa Water Office or Office – shall mean the Mesa Water business office - currently located at 1965 Placentia Avenue, Costa Mesa, California 92627.

Non-Potable Water – shall mean Water (including Recycled Water) that is not intended for human consumption in conformance with the standards referred to in the definition of Potable Water, below, such as Potable Water downstream of an approved Backflow Prevention Assembly within a Landscape Irrigation System.

Offsite or Offsite Facilities or Offsite System – shall mean Recycled Water Facilities and appurtenances thereto upstream of the Point of Connection.

Onsite or Onsite Facilities or Onsite System – shall mean Recycled Water Facilities as designed, constructed, altered, repaired, replaced, or restored downstream from the Point of Connection.

Owner – shall mean any holder of legal title, contract purchaser, or lessee under a lease where the tenant(s) are responsible for Water Service, of property for which Water Service has been requested or established.

Point of Connection – shall mean the location where the Offsite Water Service line connects to the Onsite System, which shall be taken at the downstream end of Mesa Water's Customer Control Valve located on the service meter. In the absence of a Customer Control Valve, the Point of Connection will be taken at the downstream end of the service meter unless, by written agreement only, Mesa Water designates another location as the Point of Connection. Mesa Water's meter normally will be set in a location that abuts a curb line or property line of the Approved Use Area.

Point of Ownership – Mesa Water's Point of Ownership shall end at the outlet side of the Customer Control Valve or, if in the absence of a Customer Control Valve, the outlet side of the water meter or the control valve upstream of the Backflow Assembly. By written agreement only, Mesa Water may designate another location as the ending Point of Ownership.

Ponding – shall mean the retention of Recycled Water on the surface of the ground or other natural or constructed surface for a period of time following the cessation of an approved Recycled Water use activity such that a hazard, or potential hazard, to the public health results.

Potable Water – shall mean Water that is approved for human consumption by the appropriate federal, State, and local regulatory agencies.

Potable Water System – shall mean the facilities that produce, convey, and store Potable Water.

Presentation Date or Billed Date – shall mean the date a bill or invoice is generated. The Presentation Date will generally be printed on the bill or invoice.

Purple Color – shall mean the color Pantone 512 or approved equal that is used to identify aboveground equipment using Recycled Water.

Pulled Meter – shall mean where the meter has been removed, and the service line is still in place.

Qualified Person – shall mean the Mesa Water District Engineer or other designee as

assigned by the District Engineer.

Rate(s) – shall mean the Basic Charge and/or the Usage Charge, as shall be applicable.

RPDA – shall mean a line-sized approved Reduced Pressure Principle Detector Assembly with a parallel meter arrangement, equipped with an approved Reduced Pressure Principal Assembly, to detect unauthorized use of Water.

RPP or RPPD – shall mean a Reduced Pressure Principal Assembly, which is a Backflow Prevention Assembly used to protect against a non-health hazard (pollutant) or a health hazard (contaminant).

Recycled Water – shall mean Water that, as a result of treatment of wastewater, is suitable for Direct Beneficial Use or controlled use that would not otherwise occur.

Recycled Water Service – shall mean the furnishing of Recycled Water to a user, pursuant to these Rules and Regulations, through a metered connection to the Onsite Facilities.

Recycled Water System or Recycled Water Facilities – shall mean the Offsite Facilities that produce, convey, store, and supply Recycled Water.

Recycled Water User – shall mean any Customer issued a User Agreement or Water Service Agreement by Mesa Water that replaces the User Agreement. The Recycled Water User and Owner may be the same.

Record Drawings – shall mean the design drawings that have been marked to show construction changes for a given project to the best of available knowledge.

Rules and Regulations – shall mean these Rules and Regulations for Water Service as adopted, and as such may be amended from time to time, by Mesa Water.

Returned Item Fee – shall mean a Fee assessed to the Customer of Record for any payment that is returned by Mesa Water's or Customer of Record's financial institution or bank, in the amount set forth in the Water Rate and Charge Schedule.

Retrofit – shall mean to change or modify in part or in whole the existing plumbing of an Onsite Potable Water System to serve Recycled Water.

Runoff – shall mean the flow of Potable Water or Recycled Water along the surfaces of the ground or other natural or constructed surface, including, and not limited to, pedestrian walkways, streets, playground surfaces and grassy slopes.

SARWQCB – shall mean the Santa Ana Regional Water Quality Control Board.

Service Connection – shall mean the physical Point of Connection of the Customer’s Water System with the Water Service facilities of Mesa Water, including the tap, line, curb stop, meter and meter box supplied by and owned by Mesa Water. Typically, the Service Connection shall be the downstream end of the Water meter tailpiece.

Service Restoration Trip Fee – shall mean a Fee assessed on any account when a Mesa Water employee arrives at the service address to restore Water Services after being terminated for non-payment, as set forth in the Water Rate and Charge Schedule.

Service Termination Trip Fee – shall mean a Fee assessed on any account when a Mesa Water employee arrives at the service address to terminate Water Services after being terminated for non-payment, as set forth in the Water Rate and Charge Schedule.

Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities – shall mean the latest version of Mesa Water’s publication.

State – shall mean the State of California.

Usage Charge(s) – shall mean the charge(s) based on the amount of Water that has passed through the Point of Ownership, based on measured usage from Water meter readings, or in some cases, estimated usage.

User Agreement – shall mean the "Recycled Water User Agreement" is a contractual agreement between the user and Mesa Water that establishes the conditions for Recycled Water Service that Mesa Water may use in place of the standard Water Service Agreement.

User Supervisor – shall mean a Qualified Person designated by the user (Customer) and approved by Mesa Water who is responsible for the installation, operation, and maintenance of the user onsite facilities, the prevention of Cross Connection, and compliance with these Rules and Regulations.

Violation – shall mean non-compliance with any condition or conditions of these Rules and Regulations, User Agreement, or Water Service Agreement by any person, action, or occurrence, whether willfully or by accident.

Water – shall mean Water provided by Mesa Water for use within its service area or otherwise and is inclusive of both Potable Water and Recycled Water.

Water Conservation Coordinator – shall mean the person (who may be an officer or employee of Mesa Water) charged with the principal enforcement of Mesa Water’s Policies and Programs related to water efficiency and the conservation of water within Mesa Water’s service area. The Water Conservation Coordinator may be the General Manager or the General Manager’s Designee(s).

Water Quality Report – shall mean the annual Consumer Confidence Report.

Water Rate and Charge Schedule – shall mean the then current schedule of Rates, Fees, and Charges as approved by the Board of Directors.

Water Recycling Criteria – shall mean the Uniform Statewide recycling criteria established in California Code of Regulations Title 22 by DDW for each varying type of use of Recycled Water where the use involves the protection of public health (California Water Code Section 13521).

Water Service – shall mean the availability of Water as provided by Mesa Water.

Water Service Agreement – shall mean a written contractual agreement between an Applicant and Mesa Water regarding the terms under which Mesa Water shall provide Water Service to the Applicant.

Windblown Spray – shall mean dispersed, airborne Recycled Water capable of being transmitted through the air by natural or manmade wind to locations other than that for which the direct application of Recycled Water is approved.

1.3 SERVICE AREA

Mesa Water provides Potable Water and Recycled Water Service to most of the City of Costa Mesa, parts of the City of Newport Beach and some unincorporated county areas, including the John Wayne Airport. Mesa Water's service area is on file at the Mesa Water Office. Mesa Water may only provide water or services outside of the service area through special arrangement.

1.4 SERVICE CONDITIONS

Water Service shall be available only in accordance with these Rules and Regulations, applicable federal, State, and local statutes, ordinances, regulations, and contracts, and other requirements including, and not by way of limitation, the California Water Code, the California Administrative Code, and regulations imposed by State and local health departments, and the terms of any Water Service Agreement (Refer to Appendix 6) or Permit issued by Mesa Water. Any such Permit may be revoked by Mesa Water, and there upon, such Water Service shall cease in the manner provided in these Rules and Regulations.

As a condition of service, Mesa Water reserves the right to require any Applicant to construct any water facility that it deems essential, including adding capacity for future use of the water facilities.

1.5 REQUESTS FOR THE RELEASE OF CUSTOMER RECORDS

Mesa Water holds various records concerning its operations, services, and Customers of Record. Mesa Water has adopted specific policies concerning certain records retained by Mesa Water concerning its Customers, which fall within the scope of California Government Code Section 6254.16. That Section provides that certain information and records are not subject to requests made for records pursuant to the provisions of the California Public Records Act (being California Government Code Section 6250 *et seq.*). Those policies and directives are set out in Mesa Water's Public Records Act Policies and are incorporated herein by this reference. Such policies were and are enacted by the Board pursuant to Water Code Sections 31000, 31001 and 31024 and shall be, and are, part of these Rules and Regulations.

1.6 ESTABLISHMENT OF RATES

In accordance with the California Water Code, the Board fixes the Water Rates and other related Fees and Charges. Periodically, the Board reviews and adjusts the Rates, Fees, and Charges.

The Water Rate and Charge Schedule is available at the Mesa Water Office and is posted on the website at www.MesaWater.org.

1.7 GUIDELINES AND INTERPRETATIONS

The General Manager shall have the authority to adopt additional guidelines or generate written interpretations of these Rules and Regulations where necessary for day-to-day operations until such time as the Board chooses to act on such matter or on an indefinite basis if the matter is strictly operational. The General Manager shall make the Board aware of any day-to-day changes or adopted guidelines.

1.8 SEVERABILITY

If any section, subsection, sentence, clause or phrase of these Rules and Regulations is for any reason held to be invalid or unconstitutional, such decision shall not affect the remaining portions of these Rules and Regulations. The Board hereby declares that it would have passed these Rules and Regulations by section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses, or phrases be declared invalid or unconstitutional.

1.9 AMENDMENTS

The Board reserves the right, in its sole discretion, to amend these Rules and Regulations from time to time.

SECTION 2 – CONDITIONS FOR SERVICE

2.1 ACCESS TO PREMISES

Authorized employees of Mesa Water, upon presentation of credentials and during reasonable or necessary hours, and at any frequency in accordance with the business needs of Mesa Water, shall have free access including, and not limited to, gate codes and keys or key cards, to any premises supplied with Water by Mesa Water for the purpose of reading meters, making repairs, inspections, examinations or tests of the Water System upon said premises and to ensure compliance with these Rules and Regulations.

If any authorized employee is refused admittance to any premises, or is hindered or prevented from reading meters, making repairs or inspections, examinations or tests, Mesa Water may cause the Water to be turned off from said premises after giving 24 hours' notice to the Owner or occupant of said premises of the intention to do so. In the case of major Violations, health hazards, or for shut off due to non-payment Mesa Water may cause the Water to be turned off without notice.

2.2 OPERATION BY MESA WATER EMPLOYEES

Mesa Water's System, including water pipelines, reservoirs, fire hydrants, manholes, pumping stations, valves, connections, treatment facilities and every other appurtenance and property, shall be under the management and control of the General Manager. No other persons, except authorized employees of Mesa Water, shall have any right to enter upon, inspect, operate, adjust, change, alter, move, or relocate any portion of the foregoing or any of Mesa Water's property without the written consent of the General Manager or the General Manager's Designee(s). If an unauthorized person(s) enters upon, inspects, operates, adjusts, changes, alters, or relocates any facilities without written consent from the General Manager or the General Manager's Designee(s) then Mesa Water reserves the right to prosecute such an unauthorized person to the fullest extent of the law.

2.3 ENFORCEMENT OF EXISTING SERVICE CONNECTIONS

Existing Service Connections shall be brought into compliance with these Rules and Regulations when the Customer of Record is notified of a Violation or non-compliance by Mesa Water. The notification will include a compliance date. Failure to comply by the compliance date may result in appropriate action(s) by Mesa Water, up to, and including, termination of Water Service.

2.4 MESA WATER'S RIGHT TO INTERRUPT SERVICE

Mesa Water reserves the right to shut off Water Service for emergency, operational, or maintenance purposes.

Mesa Water will make reasonable efforts to minimize negative impacts and provide appropriate notice to the Customer(s) when shutdowns occur. However, Mesa Water assumes no liability for damages, real or monetary, as a result of such shutdowns or interruptions in service.

2.5 MESA WATER LIMITS OF RESPONSIBILITY AND LIABILITY

Mesa Water assumes no responsibility for the maintenance or operation of the Customer's Water System or facilities beyond the Point of Ownership.

Mesa Water assumes no responsibility or liability if damage or injury is the result of the Customer or Customer of Record violating these Rules and Regulations.

Mesa Water does not, and will not, assume any liability for damages to private property or for personal injury as a result of interruptions in Water Service or variations in Water pressure as provided for herein.

2.6 CUSTOMER LIABILITY

Except to shut off Water to prevent damage, no person other than an authorized Mesa Water employee shall, at any time or in any manner, operate or cause to be operated, any valve in or connected with a Water Main, Service Connection or fire hydrant or tamper or otherwise interfere with any Water meter, check valve or other part of the Mesa Water's Water System, except the Customer Control Valve. In the event a person, for any reason, digs out or uncovers a corporation stop, angle meter stop or valve controlling a Water supply, lifts or removes a meter box cover or its center piece or causes or suffers any such act to be done, such person will be held liable to Mesa Water for any injury or damage occasioned thereby or resulting there from. In addition, the Customer of Record will be held liable to Mesa Water for any costs incurred for repairing, replacing, or adjusting any meter or other appurtenances which have been damaged due to negligence or carelessness, including and not limited to, damages caused by hot Water or steam from a boiler.

Tampering with the lock, meter or appurtenances, unauthorized service restoration or in any other manner interfering or tampering with Mesa Water's property, is prohibited in accordance with these Rules and Regulations and California Penal Code Sections 498, 592, 624 and 625. Penalties for such interference will be charged in accordance with the Water Rate and Charge Schedule to the Customer of Record. Criminal penalties, as set out in State Law, may also apply.

2.7 VIOLATIONS AND ENFORCEMENT

Mesa Water shall have the right to terminate service to any Customer or property who

fails to comply with these Rules and Regulations. Such discontinuance of service shall occur after the Customer of Record has been given notice to remedy such non-compliance and to cease and desist from such Violation or infraction, and a reasonable opportunity thereafter within which to comply with said notices. Such time may be specified in the notice to comply/desist. No such notice need be given where the non-compliance, Violation or infraction of any rule or regulation by the Customer results, or is likely to result, in a dangerous or unsanitary condition or a health, pollution or system hazard on the Customer's premises or in the Mesa Water's Water System or elsewhere, or where discontinuance of service is necessary to protect Mesa Water from fraud, loss or abuse.

By definition, non-compliance with any condition or conditions of these Rules and Regulations, Application for New Service or Application for New Service Permit, whether willfully or by accident, shall constitute a Violation. The General Manager may assess a fine to the Customer of Record, as stated in the Water Rate and Charge Schedule (refer to Mesa Water's website at www.MesaWater.org), for each Violation of these Rules and Regulations and for each incidence involving the intentional and improper taking of Water. Each day that a Violation of these Rules and Regulations continues, or each day such intentional and improper taking of Water continues, shall be treated as a separate Violation of this provision. No further Water Service shall be provided to such Customer or property by Mesa Water until such charge has been paid or otherwise satisfied. If the charge is paid under protest, the Customer of Record may file a written appeal to the Board.

2.8 CORRECTIVE ACTION

Any person, firm, corporation, association, or agency found to be violating any provision of these Rules and Regulations or the terms and conditions of the Application for New Service, Application for New Service Permit, or applicable State or local statutes, regulations, ordinances, or other requirements shall be served by Mesa Water with written notice stating the nature of the Violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease, or cure such Violations. Failure to conform or comply with such notice within the stated time period may subject the noticed party to rights and remedies available at law or in equity to Mesa Water. This Section 2.8 is in addition to, and not by way of derogation of, any other remedies or procedures available to Mesa Water by law, regulation, or pursuant to any of the provisions of these Rules and Regulations.

2.9 RIGHT OF APPEAL

Notwithstanding any of the provisions of these Rules and Regulations concerning Water Service, any aggrieved Customer of Record, who remains dissatisfied with the final decision of the General Manager in administering these Rules and Regulations, may appeal, in writing, such final decision to the Board. The Board shall hear such appeal and

render its decision. The decision of the Board shall be final.

The Board may, in its sole, absolute, and exclusive discretion, refer any such appeal to either (i) a committee appointed by the Board, which committee may include Board members, staff members or both (exclusive of the General Manager) (Appeals Committee); or (ii) a hearing officer designated by the Board (Hearing Officer), either of which will have full authority to hear and administer any appeal on behalf of the Board or to bring to the Board recommendations as the Board shall direct. The Appeals Committee or Hearing Officer, as applicable, may be charged with the duty of developing a summary of the issues on appeal and/or developing a recommendation as to the disposition of such appeal based on evidence and information presented and received, for presentation to the Board. The Board's determination shall thereafter be based on such presentation by the Appeals Committee and Hearing Officer. The General Manager may not serve as the Hearing Officer for these purposes.

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SECTION 3 – WATER BILLING AND CUSTOMER SERVICE

3.1 RESPONSIBILITY FOR ACCOUNT

The Owner of the property to which Mesa Water provides Water Service shall be responsible for Water Service-related costs and Fees, and shall establish Water Service in their name to become the Customer of Record. The property Owner may allow a tenant or other responsible party to become the Customer of Record.

The Customer of Record, or the Applicant on the Application for New Service (refer to Appendix 1), is responsible for Water Service-related Charges, costs and Fees until Mesa Water is notified that the account is being closed, or a new Customer of Record is named to the account. The Customer of Record is responsible for services, and Water used up to, and including the day the account is closed.

The Customer of Record is responsible for ensuring the completeness and accuracy of personal, financial, and contact information provided to Mesa Water.

3.2 NEW ACCOUNTS AND SERVICE ESTABLISHMENT

Customers requesting Water Service, and to become a Customer of Record, shall contact Mesa Water's Customer Services staff during business hours to establish an account prior to Water Service being turned on. Subject to the terms set out in these Rules and Regulations, Water service will be provided upon request where there is an existing service line and meter. If Mesa Water determines that Water may run uncontrolled at a property and no Person is present at the property, then Water Service will not be turned on.

Requests must be made at least one Business Day in advance of the requested first day of service, to ensure timely service establishment. If one Business Day advance notice is not given prior to the desired first day of service, then a Fee to expedite service establishment may be applied to the corresponding account.

A Customer of Record shall provide the following identifying information to establish service:

- Full Legal Name
- Date of Birth, if applicable
- Social Security Number or U.S. Federal Tax Identification Number
- State or U.S. Federal Issued Identification Number (e.g., Driver's License), if applicable
- U.S. Mailing Address
- Additionally, Named Person(s) or Contact Person(s)
- Phone Number(s)

- E-mail Address

Mesa Water uses communication software to deliver timely service and community information to Mesa Water customers. Mesa Water customers will be automatically signed up to receive notifications via text, email, or voice message. Customers can opt-out of receiving such notification at any time and can adjust their preferences directly from the email notification or by replying STOP to any text message.

3.3 CLOSING OF ACCOUNTS

A Customer of Record requesting to disconnect Water Service shall contact Mesa Water's Customer Services staff during business hours at least one Business Day prior to closing an account.

The Customer of Record will be responsible for payment for Water registering on the meter up to and including the day the final meter reading is obtained. The Water Service shall be turned off and the meter will be locked at the time of the final meter reading, unless a new Customer of Record has notified Mesa Water that they will be responsible for service to that property and meter.

A closing bill will be prepared, which reflects the Charges for Water registering on the meter at the time of final reading, any previous balances owed (including prior bills, Fees, and Charges) and the Basic Charge, which shall be prorated based on the number of days in service.

In accordance with California Health and Safety Code Section 17920 and California Civil Code Section 1941.1, buildings lacking water service are considered substandard and non-tenantable. Therefore, should any domestic Water Service or service providing water for fire suppression be closed, service will not be left on between parties taking financial responsibility. Mesa Water has no liability to furnish Water for consumptive use or for fire suppression to an uninhabited building. Should Mesa Water find or determine that persons may be inhabiting said building lacking domestic or fire water service, Mesa Water may, in its sole discretion and without legal obligation, contact the local Building Safety Authority or law enforcement agency to advise them of such situation. Mesa Water shall not be subject to any voluntary assumption of risk or liability as a result of taking such action(s).

3.3.1 Credits on Closed Accounts

Closed accounts may have credits due to overpayments, Deposit refunds and/or other reasons.

Credits may be refunded to the Customer of Record in one of the following methods, by their request and at the discretion of Mesa Water:

- Mesa Water may transfer the credit to another account of which the Customer is the current Customer of Record.
- A refund check will be sent to the mailing address listed on the applicable account.

Unclaimed credits will be processed in accordance with State regulations.

3.4 BILLING AND MEASUREMENT OF WATER SERVICE

Bills cover a specified period of service, which is stated on the Water bill.

Billing frequency will be on regular intervals as determined by Mesa Water.

Bills for Water Service will be based on two components, in addition to any applicable surcharges, the Basic Charge and the Usage Charge. The Basic and Usage Charges will be imposed in accordance with the Water Rate and Charge Schedule.

Mesa Water reserves the right to estimate Water usage based on past usage in the case of meter failure.

An additional Charge may be applied to Basic and Usage Charges for accounts that receive Water Service outside of Mesa Water's service area in accordance with the Water Rate and Charge Schedule.

Mesa Water may periodically collect various surcharges imposed by other government entities, including and not limited to, those assessed or imposed by the Orange County Local Agency Formation Commission, State Water Resources Control Board, or the California Department of Water Resources. Mesa Water does not set these surcharges and has a legal responsibility to collect them. These mandatory surcharges are due and payable along with billings for Water Service, and follow the same billing, delinquency, and collection process as such.

Water bills shall be dated as of the Presentation Date. Bills are due and payable no later than the Due Date.

3.5 PAYMENTS

The Customer of Record is responsible for complete and timely payment of Mesa Water bills.

Non-receipt of a bill does not release the Customer of Record from payment obligation.

Cash payments for services provided by Mesa Water must be made at the Office currently located at 1965 Placentia Avenue, Costa Mesa, California.

No payment by any method will be accepted by Mesa Water employees away from the Office.

Payments received without sufficient information to properly credit an account may be returned without being processed. As set forth herein, accounts for which no payment is made or processed may be subject to Fees/Charges including, and not limited to, Delinquent Fees.

Upon receipt, payment(s) to an account shall be credited in the following order, or priority, as shall be applicable:

- To pay outstanding Charges, Fees, and applicable Delinquent Fee(s), in order of oldest to newest; then,
- To pay current Charges and Fees; and then,
- To replenish or provide any required Deposit amounts.

Any funds held as a Deposit for an account shall be applied to pay applicable bills, Charges, or other Fees due and owing on such account, at the time a delinquency would otherwise occur.

3.5.1 Payments Made at the Mesa Water Office

Payments made at the Mesa Water Office may be in the form of cash, credit card, check, cashier's check, or money order. Payments can be made online at the Office via the computer located in the lobby.

Payments made at the Office by close of a Business Day will be credited to the account that same day. Payments received in the night drop box by the opening of business on a regular Business Day will be credited to the account that Business Day. Mesa Water's business hours are posted at the Office and online.

3.5.2 Payments Made by Mail and to the Lockbox

Payments made by mail will be credited to the account on the same day that they are received by Mesa Water, or the lockbox service provider, so long as proper account and payment information is included.

Postmark dates are not accepted or considered in posting payments to an account.

3.5.3 Payments Made by Third Party Vendor

Mesa Water accepts payments by credit/debit card through its approved third-party administrator that may impose a convenience fee to the Customer for this service.

Customers may call Mesa Water's Customer Services staff at 949.631.1200 or visit the website at www.MesaWater.org to obtain the toll-free number.

Payments made to Mesa Water through its third-party administrator(s) will be credited to the Customer of Record's account on the date of transaction. If the Customer's service is in danger of termination, then the Customer should notify Mesa Water that a payment has been made by providing the confirmation number following payment. It is the responsibility of Customers using any third-party administrator for payment to ensure timely payment is made to Mesa Water.

3.5.4 Payments Returned by Bank

Should any payment, including, and not limited to, check, credit card, online payment, or Electronic Fund Transfer, be returned by Mesa Water's or Customer's bank for any reason, the Customer of Record will be notified, and a Returned Item Fee will be charged against the account(s) to which the payment had been credited. The Returned Item Fee will be assessed in accordance with the Water Rate and Charge Schedule. Should a Customer of Record have two returned payments within 12 months, Mesa Water may require payments by or on behalf of such Customer of Record be made by cash, cashier's check, money order, or credit/debit card for a period of up to 24 months. Mesa Water may reduce the time for the foregoing requirement on a case-by-case scenario at the sole discretion of the General Manager or the General Manager's Designee(s).

Returned Item Fees are due and payable immediately. Returned Items Fees are payable by cash, cashier's check, money order or credit/debit card.

Mesa Water may choose not to collect the returned item fee if the assessment of the returned item fee was due to its own or its bank's error. In its sole discretion, Mesa Water may choose not to collect the Returned Item Fee for other reasons not listed herein. If Mesa Water waives the Returned Item Fee for reasons other than its own error, it may be waived one time per account in a rolling 24-month period, or at the discretion of the General Manager or the General Manager's Designee(s).

3.5.5 Payment Extensions

A payment extension is a payment arrangement where the due date for the entire unpaid balance is delayed to avoid delinquent charges or service termination. Agreement to payment extension(s) is within the sole discretion of Mesa Water. An account may have only one active payment arrangement at a time.

Payment extension arrangements may be made between Mesa Water and the Customer of Record prior to the due date on any invoices during the billing process. The Customer of Record must adhere to the terms of the payment extension to avoid Delinquent Fees or service termination, and the account being ineligible for payment extensions and

payment plans for 12 months.

Payment extensions may not extend beyond 30 calendar days; otherwise, a payment plan shall be arranged (see Section 3.5.6 for Payment Plans).

3.5.6 Payment Plans

A payment plan is a payment arrangement in which the entire unpaid balance is spread out over multiple payments over a defined period of time. Agreement to a payment plan is within the sole discretion of Mesa Water. An account may have only one active payment arrangement at a time.

The Customer of Record must adhere to the terms of the payment plan to avoid Delinquent Fees or service termination, and the account being ineligible for payment extensions and payment plans for 12 months.

3.5.7 Financial Assistance

In accordance with California Proposition 218 (1996), Mesa Water is unable to use revenues derived from Water Rates and Charges for any purpose other than delivering Water. Mesa Water is legally prohibited from using revenues from Water Rates and Charges to subsidize costs of service to its Customers.

Mesa Water may direct Customers to non-profit and charitable organizations that may help in paying Water bills.

3.5.8 Overpayments and Credits

If an account is overpaid due to any reason, regardless of purposeful or accidental, the overpayment will remain on the corresponding account as a credit against future Charges.

Requested refunds of less than \$100.00 and greater will not be approved. Requested refunds of \$100.00 will be considered on a case-by-case scenario.

Requested refunds will be processed with approval by the Chief Financial Officer, General Manager, or the General Manager's Designee(s).

3.6 DELINQUENCIES

Customers that have questions or require assistance regarding the payment of water bills should contact Mesa Water District Customer Services Department at 949.631.1200 or visit the Office at 1965 Placentia Avenue, Costa Mesa.

Regular and closing bills have a Due Date of not less than 28 days from the Presentation

Date. Unpaid bills are considered delinquent if payment is not received by the Due Date shown on the bill; and a Delinquent Fee will be assessed in accordance with the Water Rate and Charge Schedule.

3.6.1 Delinquent Bills

A Delinquent Fee will be assessed to the account, in accordance with the Water Rate and Charge Schedule, and a delinquent bill will be sent to the Customer of Record if payment is not received by Mesa Water by the regular or closing bill's Due Date. Delinquent Fees are due and payable immediately with the outstanding balance of the bill.

The delinquent bill will have a Due Date within 28 calendar days after the Presentation Date.

The Delinquent Bill will be a mailed notice to the Customer of Record and will contain:

- The Customer of Record's Name and Service Address.
- The amount of the delinquency.
- The date by which payment or payment arrangement must be made to avoid termination of service.
- A description of the procedure by which the Customer of Record may request a Payment Extension or Payment Plan.
- The procedure for the customer to obtain information on financial assistance, if applicable; and,
- The telephone number where the Customer of Record may request a Payment Extension, Payment Plan, or receive additional information from Mesa Water.

Delinquent Fees are administrative and may be waived one time per account in a rolling 24-month period, or at the discretion of the General Manager or the General Manager's Designee(s) up to \$5,000.

3.6.2 Final Written Notice of Service Termination (Final Notice)

A Final Notice Fee will be assessed to the account, in accordance with the Water Rate and Charge Schedule, and a Final Notice bill (Final Notice) will be sent to the Customer of Record if payment is not received by Mesa Water by the Due Date of the delinquent bill. Final Notice Fees are due and payable immediately with the outstanding balance of the bill.

The Final Notice will have a Due Date not less than 28 calendar days after the Presentation Date.

The Final Notice will be a mailed notice to the Customer of Record and will contain:

- The Customer of Record's Name and Service Address.
- The amount of the delinquency.
- The date by which payment or payment arrangement must be made to avoid termination of service.
- A description of the procedure by which the Customer of Record may request a Payment Extension or Payment Plan.
- The procedure for the customer to obtain information on financial assistance, if applicable; and,
- The telephone number where the Customer of Record may request a Payment Extension, Payment Plan, or receive additional information from Mesa Water.

Where a landlord-tenant relationship between the residential occupants and the owner, manager, or operator of the dwelling exists, or if the Customer of Record's mailing address is not the Service Address, then a Final Notice will also be mailed, at least 10 days prior to water service termination, to the Service Address attention "Occupant" or "Current Resident" as deemed appropriate by Mesa Water. The Final Notice will also notify the tenant of its opportunity to become the customer of record without being required to pay any amount that may be due on the landlord delinquent account.

The Final Notice is Mesa Water's final written attempt to collect a past due balance before Water Service is terminated.

Where the delinquent account provides Water Service to more than one residential dwelling unit (for example, apartment buildings), when practical, a Final Notice will be delivered to each dwelling unit benefiting from the service. However, if this step is not practical, the Final Notice shall be posted in a common area accessible to residents. Additional Fees may be charged for this service, in accordance with the Water Rate and Charge Schedule.

If payment of Water bills, Fees, Charges and Deposits is not received by the Due Date of the Final Notice then Water Service may be terminated.

Final Notice Fees, and Fees related to the Final Notice, are administrative and may be waived one time per account in a rolling 24-month period, or at the discretion of the General Manager or the General Manager's Designee(s).

3.6.3 Notice of Pending Water Service Termination for Non-Payment

In addition to the written notice(s), as described herein, Mesa Water will also make a reasonable attempt to personally contact the Customer of Record by telephone, e-mail, in person, or by posting a Notice of Pending Water Service Termination in a conspicuous place at the Service Address, at least 48-hours prior to terminating service. This personal contact is Mesa Water's final attempt to collect a past due balance before Water Service is terminated.

The Notice of Pending Water Service Termination will contain the following:

- The Customer of Record's Name and Service Address.
- The amount of the delinquency.
- The date by which payment or payment arrangement must be made to avoid termination of service.
- A description of the procedure by which the Customer of Record may request a Payment Extension or Payment Plan.
- The procedure for the customer to obtain information on financial assistance, if applicable; and,
- The telephone number where the Customer of Record may request a Payment Extension, Payment Plan, or receive additional information from Mesa Water.

The Notice of Pending Water Service Termination shall be provided in writing, in person, or by telephone contact/message.

3.7 TERMINATION OF WATER SERVICE FOR NON-PAYMENT

Mesa Water strives to provide excellent customer service, and provides many opportunities and assistance to avoid Water Service termination. However, after past attempts have failed to resolve an unpaid balance, and consistent with these Rules and Regulations, the Water Service shall be terminated.

Mesa Water's written policy on termination of water service for non-payment is available in English, Spanish, Chinese, Tagalog, Vietnamese, and Korean. A printed copy of this policy is available at Mesa Water's Office and on the website.

3.7.1 Circumstances Under Which Water Service Will Not be Immediately Terminated After Exhausting Procedures in Section 3.6

- During an investigation by Mesa Water of a customer dispute as described in Sections 3.13.1 – 3.13.3.
- During the pending of an appeal to the Board of Directors under Section 2.9.
- During the period when the Customer of Record's payment is subject to a District-approved Payment Extension or Payment Plan and the Customer of Record remains in compliance with the approved payment arrangement.

3.7.2 Special Medical and Financial Circumstances Under Which Water Service Will Not be Terminated

Mesa Water will not terminate water service if all of the following conditions are met:

- The Customer of Record, or tenant of the Customer of Record, submits to Mesa Water the certification of a licensed primary care provider that termination of water service will be life threatening to, or pose a serious threat to the health and safety of, a resident of the premises where residential service is provided.
- The Customer of Record demonstrates that he or she is financially unable to pay for residential service within the normal billing cycle. The customer is deemed financially unable to pay during the normal billing cycle if: (a) any member of the customer's household is a current recipient of CalWORKs, CalFresh, general assistance, Medi-Cal, Supplemental Security Income/State Supplementary Payment Program, or California Special Supplemental Nutrition Program for Women, Infants, and Children, or (b) the customer declares under penalty of perjury that the household's annual income is less than 200 percent of the federal poverty level; and,
- The Customer of Record is willing to enter into an alternative payment arrangement, including a Payment Extension or Payment Plan.

The Customer of Record is responsible for demonstrating that the conditions of Section 3.7.2 have been met. Upon receipt of documentation from the Customer of Record, Mesa Water will review the documentation within seven days. Mesa Water will then respond within seven days with one of the following: (1) Notify the customer of the alternative payment arrangement selected by Mesa Water and request the Customer of Record's signed assent to participate in that alternative payment arrangement; (2) Request additional information from the Customer of Record; or (3) Notify the Customer of Record that they do not meet the conditions in Section 3.7.2.

For any Customer of Record who demonstrates that they meet all of the above conditions, Mesa Water will offer the customer one of the following options, to be selected by Mesa Water at the discretion of the General Manager or the General Manager's Designee(s):

- Payment Extension, as described in Section 3.5.5.
- Payment Plan, as described in Section 3.5.6.

The Customer of Record must adhere to the terms of the Payment Extension or Payment Plan as stated in Sections 3.5.5 and 3.5.6 to avoid Water Service termination. However, any unpaid balance that was included in the defaulted alternative payment arrangement will not be considered in any investigations or reviews by Mesa Water.

3.7.3 Days and Times of Service Termination Due to Non-Payment

Mesa Water will only terminate Water Service due to non-payment during its regular business hours.

3.7.4 Procedures for Terminating Water Service for Non-Payment

When a Mesa Water employee arrives at the service address to terminate Water Services for non-payment, a Service Termination Trip Fee will be assessed. Fees and Charges associated with termination of service as a result of non-payments are shown in the Water Rate and Charge Schedule. When Water Service is terminated, the meter will be locked in the off position and a tag will be attached to the meter notifying Customers that tampering with the meter and lock is prohibited in accordance with Section 2.6 of these Rules and Regulations and California Penal Code Sections 498, 592, 624, and 625.

Service Termination Trip Fees recover the staff, equipment, and fuel costs associated with visiting the property to terminate service, and therefore cannot be waived, except at the discretion of the General Manager or the General Manager's Designee(s).

In the case where a property is served by multiple accounts and services and they are the financial responsibility of the same Customer of Record, then the additional and all services may be terminated until the balance(s) have been satisfied.

If payment is not received within 10 days of termination of service, the account will be closed, and the process as described in Section 3.3 shall be followed.

3.8 RESTORATION OF WATER SERVICE

Following service termination for non-payment, the Customer of Record must contact Mesa Water by telephone or in person at the Office regarding restoration of water service.

All amounts owed, including bills, Fees, Charges, and Deposits, must be paid, or otherwise satisfied before Water Service will be restored. If the Water meter has been removed, Fees must be paid before a Water meter is re-installed. Fees for the service restoration are shown in the Water Rate and Charge Schedule.

Service will be restored on the same Business Day that the account balance has been satisfied if conditions permit. Otherwise, the service will be restored the following Business Day.

Service Restoration Trip Fees recover the staff, equipment, and fuel costs associated with visiting the property to restore service, and therefore cannot be waived., except at the discretion of the General Manager or the General Manager's Designee(s)

3.9 PROCEDURES FOR OCCUPANTS OR TENANTS TO BECOME CUSTOMER OF RECORD OF MESA WATER DISTRICT

3.9.1 Applicability

This Section 3.9 shall apply only when the property owner, landlord, manager, or operator of a residential service address is listed as the Customer of Record and has been issued

a Final Notice to terminate water service due to non-payment.

3.9.2 Agreement to Mesa Water Rules and Regulations for Water Service

Mesa Water will make Water Service available to the actual residential occupants if each occupant agrees to the Rules and Regulations for Water Service and meets the requirements of Mesa Water's Rules and Regulations. Notwithstanding, if one or more of the occupants are willing and able to assume responsibility for the subsequent charges to the account to the satisfaction of Mesa Water, or if there is a physical means, legally available to Mesa Water, of selectively discontinuing service to those occupants who have not met the requirements of the Mesa Water's Rules and Regulations, Mesa Water shall make service available to the occupants who have met those requirements.

3.9.3 Verification of Tenancy

To be eligible to become a Customer of Record without paying the amount due on the delinquent account, the occupant shall verify that the delinquent account's Customer of Record is or was the landlord, manager, or agent of the dwelling. Verification may include, and is not limited to, a lease or rental agreement, rent receipts, a government document indicating that the occupant is renting the property, or information disclosed pursuant to Section 1962 of the Civil Code, at the sole discretion of Mesa Water.

3.9.4 Deductions from Rental Payment

Pursuant to Government Code Section 60371(d), any occupant who becomes a Customer of Record of Mesa Water District pursuant to this Section 3.9 and whose periodic payments, such as rental payments, include charges for residential Water Service, where those charges are not separately stated, may deduct from the periodic payment each payment period reasonable charges paid to Mesa Water for those services during the preceding payment period.

3.10 COLLECTIONS

Mesa Water may, at its sole discretion, transfer unpaid and uncollected balances on accounts to any active or new account(s) under the control and responsibility of the same Customer of Record.

Mesa Water may contract with a collection agency for the recovery of any outstanding balances on closed accounts. The past due account must be paid in full or otherwise be arranged for payment within 90 calendar days of the delinquent closing bill due date before being sent to a collection agency. Any account that is sent to a collection agency may be subject to a collection agency Fee, as set forth in the Water Rate and Charge Schedule.

Mesa Water or its collection agency may report on unpaid balances to credit bureaus.

3.11 DEPOSITS

Deposits may, at the discretion of Mesa Water, be required on accounts when any of the following situations occur:

- The Customer of Record's account contains insufficient identification information, as listed in Section 3.2.
- The account receives two Final Notices of Service Termination (Final Notices) within a 24-month period.
- Service is terminated for non-payment.
- The Customer of Record files for bankruptcy or a related Order for Relief.
- Two payment items are returned by the Customer of Record or District's bank within the last 12 months.
- Tampering or damage to District appurtenances including, and not limited to, the Water Service meter.
- The Water Service was off and locked without a current Customer of Record, and Mesa Water has determined that the Water Service has been turned on without the express permission of Mesa Water and Water has passed through the meter.

Deposits will be held on the account until one of the following occurs:

- Bills are paid consecutively on time for a period of at least 24 months.
- The account is closed. However, if the Customer of Record becomes the holder of another account with Mesa Water, the Deposit may be transferred to the new account.
- If the Customer of Record provides sufficient identification information as listed in Section 3.2.
- In this case, the Customer of Record must still have a satisfactory payment history of at least 24 months.

Deposits do not excuse future late payments or prevent future Delinquent Fees from being assessed.

Deposits will be refunded as a credit on the account. If the account is being closed, then the Deposit will be used to satisfy the balance on the account before any refund is issued. A closing bill stating any remaining balance will be issued to the Customer of Record. If there are remaining funds, the credit process will follow the procedures listed in 3.3.1, Credits on Closed Accounts.

The standard amount of the Deposit is shown in the Water Rate and Charge Schedule. However, the amount of the Deposit may be set differently at the discretion of the General Manager or the General Manager's Designee(s) in an amount sufficient in his/her

judgment to ensure that future bills will be paid when presented. Additional Deposit amounts may be collected in the future to account for higher bills. Mesa Water may make a payment arrangement with the Customer of Record if the Deposit creates an immediate financial hardship.

Any interest accrued on a Deposit will not be refunded to the Customer of Record.

Deposit requirements may be waived once every 24 months or per the discretion of the General Manager or the General Manager's Designee(s).

3.12 CUSTOMER BANKRUPTCY

When Mesa Water receives notice that a Customer of Record has filed for bankruptcy, the Customer of Record's account(s) will be closed, as soon as possible following receipt of such notice. The date used for purposes of determining the amount to be included in the bankruptcy is the date of filing on the notification form. Any outstanding balances as of that time will be considered within the scope of such bankruptcy proceedings and Mesa Water may file a claim accordingly.

A new Customer account will be created for such Customer of Record should the Customer of Record request ongoing service. A Deposit will be charged in accordance with the Water Rate and Charge Schedule and Section 3.11 of these Rules and Regulations for Water Service. Subject to the provisions of these Rules and Regulations, Mesa Water will not terminate service unless otherwise directed by the Customer of Record.

3.13 CUSTOMER INQUIRIES, DISPUTES, AND COMPLAINTS

Customer inquiries, disputes, and complaints will be handled as expeditiously as reasonably possible. In some instances, extensive research will be required, thus extending the time required for resolution, and the Customer will be so informed.

3.13.1 Billing Disputes

Any dispute by the Customer of Record of the amount owed, as shown on a bill or invoice, must be raised within 10 days of the date of billing produced on the bill or invoice, otherwise the bill or invoice will be considered correct and payable.

Only the disputed portion of the bill may be set aside by Mesa Water pending resolution of the dispute. The Basic Charge plus any outstanding balance, Charges or Deposits must be paid. The undisputed portion of the bill must be paid in accordance with these Rules and Regulations for Water Service governing undisputed bills or invoices.

A timely request for investigation will be reviewed by Mesa Water. The review will include

consideration of whether the Customer of Record may receive a Payment Extension, Payment Plan, or none. Mesa Water may, in its sole discretion, review untimely disputes; however, such disputes are not subject to appeal.

In the case of a Water usage dispute, Mesa Water employees will re-read the meter and determine if the usage and bill are correct.

- If the usage is correct, the bill shall be due and payable as presented.
- If the usage is incorrect, the bill will be reissued with the correct usage. The billing and payment process will start over for that portion of the bill.

Multiple similar requests made by the Customer of Record for the same service address may not be able to be fulfilled based upon employee availability and the business needs of Mesa Water.

Any Customer of Record whose timely dispute has resulted in an adverse determination may appeal the determination to the Board of Directors within 10 business days of Mesa Water's mailing or communication of its determination, following the process outlined in Section 2.9.

3.13.2 Meter Inquiries and Testing

If the Customer of Record is concerned that the meter is not operating correctly or is not accurate, the Customer of Record may submit a completed Customer Service Meter Test Request form (Refer to Appendix 2). Mesa Water will arrange for an approved third-party testing facility chosen by and facilitated by Mesa Water to test, the meter for accuracy based on standards by the American Water Works Association (AWWA). Prior to the removal of the meter for testing, Mesa Water shall require a meter test Deposit in accordance with the Water Rate and Charge Schedule. Meter test Deposits will be refunded if the meter is determined to be recording outside the prescribed limits for meter accuracy as described herein.

If the meter is found to be registering three percent on average in excess of the actual quantity flowing through the meter based on meter accuracy standards by the AWWA, Mesa Water will replace the defective meter, refund the meter test Deposit and refund to the Customer of Record the full amount of the overcharge based on the corrected meter readings for the previous period, not exceeding six months from the date of the written request, that the meter was in use by the same Customer of Record.

If the meter is not found to be defective and does not register three percent in excess, then the meter test Deposit shall be forfeited to Mesa Water and the Water bill shall be due and payable as presented.

If the meter is found to be registering less than 97 percent on average of the actual

quantity flowing through the meter, based on meter accuracy standards by the AWWA, the meter will be replaced, and the Customer of Record may be assessed based on the average consumption for up to six preceding months during which the meter was in use and found to have been registering correctly.

3.13.3 High Water Use Investigations

Customers may request that Mesa Water assist them in the determination of possible leaks or other conditions, which may result in higher-than-normal Water usage. Inspections may be arranged with Mesa Water to check the Water meter for potential flow indicating a leak. Such requests will be handled by appointment only. Appointments may be arranged by contacting Mesa Water's Customer Services staff. Multiple similar requests made by the Customer of Record for the same service address may not be able to be fulfilled, based upon employee availability and the business needs of Mesa Water. In performing leak determinations, Mesa Water does not provide any warranty or guarantee of accuracy thereof. Mesa Water does not provide leak investigations on private property.

3.13.4 Water Quality Inquiries

Mesa Water strives to provide Customers with high quality Water. If a Customer suspects any problem with the quality of Water provided the Customer may contact Mesa Water and a Mesa Water employee will arrange to meet with the Customer at home or business to investigate the concern. Information regarding Water quality analyses of Mesa Water's Water is available to the public. Mesa Water's annual Water Quality Report is available on Mesa Water's website, and printed copies are made available during business hours at the Office.

SECTION 4 – CONSTRUCTION OF WATER FACILITIES AND APPURTENANCES

4.1 APPLICATION PROCESS

Any person, firm, or corporation who wishes to install, remove, alter, or replace, or cause to be installed, removed, altered, or replaced, any Water facility or appurtenance connected to, or part of, Mesa Water System must obtain a Permit from Mesa Water to do such work.

Any person legally entitled to apply for and receive the Permit shall complete the Mesa Water supplied Application for New Service form. The Applicant shall submit the Application for New Service form, a complete subdivision map when applicable and a Water facility construction plan showing the proposed Service Connection thereon, signed by an Engineer registered in the State of California. All maps and plans shall be to the standards, size and drawn on material specified in the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities.

4.1.1 Plan Check Process

After payment of the Plan Check Fee (Refer to Appendix 3 for Payment Voucher), Mesa Water's District Engineer, or an authorized designee or other appropriate employee, will review such plans in accordance with the plan check process located in the Standard Specifications and Drawings for the Construction of Mesa Water Facilities. All plans must conform to the current Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities before they will be approved.

The Plan Check Process must be completed within six months of payment of the Plan Check Fee for Residential – Meter Upgrade Only, Residential – Single Family, Residential – Multi-Family (5-8 Units), Residential – Multi-Family (9-30 Units), and Commercial/Industrial - <50,000 Square Feet projects. The Plan Check Process must be completed within 12 months of payment of the Plan Check Fee for Residential – Multi-Family (31-50 Units), Residential – Multi-Family (>50 Units), Residential – Multi-Family (Apartments), and Commercial/Industrial - >50,000 Square Feet projects. An extension may be granted at the discretion of the General Manager or the General Manager's designee. If the Plan Check Process is not completed within said time period, the customer project will be closed and the Applicant forfeits all money, except Capacity Charges, paid to Mesa Water in connection with the customer project. The Applicant will be required to reapply for new service.

4.1.2 Issuing the Permit

Upon approval of such plans, and upon receipt of required Fees and Charges, including Capacity Charges, Mesa Water shall validate and issue a Permit.

The Permit shall be valid for a period of one year from the date of issuance. If construction has not commenced within said year, the Permit automatically becomes invalid and the Applicant forfeits all money, except Capacity Charges, paid to Mesa Water in connection with the Permit. The Applicant will be required to reapply for a new Permit.

4.1.3 Water Service Agreement

Before Water Service is provided, the Applicant shall enter into a Water Service Agreement (Refer to Appendix 6) with Mesa Water regarding the terms under which Mesa Water shall provide Water Service to the Applicant. The Applicant shall complete, sign, and submit a Water Service Agreement. Mesa Water shall enter into the Water Service Agreement only upon approval of the development project and payment by the Applicant of required Fees and Charges set forth in the Water Service Agreement. No Water Service shall be provided by temporary Water Services or by any other means until the Water Service Agreement has been signed by Mesa Water and the Applicant.

4.1.4 Fees and Charges

Mesa Water employees will determine the Fees and Charges applicable to new development in accordance with the Water Rate and Charge Schedule adopted by the Board of Directors.

4.1.5 Capacity Charges

Mesa Water has adopted Capacity Charges in the amounts specified in the Water Rate and Charge Schedule. The Capacity Charges will be used to assist Mesa Water in paying for the facilities and improvements to Mesa Water's Water System required by this development.

Rules and Regulations governing Capacity Charges in their entirety are applicable to the same property for which a Water Service Agreement is in effect.

4.1.5.1 Calculating the Capacity Charge

As herein provided, the amount of the applicable Capacity Charge(s) shall be determined by the District Engineer based on the Capacity Charge rate approved by the Board of Directors.

Capacity Charge credit for existing $\frac{5}{8}$ -inch and $\frac{3}{4}$ -inch meters will be applied based on a ratio of the maximum flow rate for that meter using a 1-inch meter as base line for the credit. In other cases, the Capacity Charge shall be assessed in accordance with the Fee schedule contained in the Water Rate and Charge Schedule.

At the time the Applicant requests meters to be installed, Mesa Water will review the

assessed Capacity Charge. If there have been changes in the project which affect the Capacity Charges, additional Capacity Charges will be assessed, or a refund will be credited to the meter costs. The meters will not be installed until both the meter costs and all applicable Capacity Charges have been paid.

Capacity Charge credits are the possession of the property Owner and under no circumstances are to be severed from the real property for which such credits were paid. For commercial developments, the property Owner shall provide a letter granting a tenant the right to any Capacity Charge credit(s), if said credits are to be attributed to anyone other than the property Owner.

No Capacity Charges will be assessed if an Applicant is removing a meter and is replacing it with a meter of the same size, providing that one of the following conditions also be satisfied:

- The new meter is installed on the same service line from which the old meter is removed; or
- The new meter is installed on a new service line and the existing service line is abandoned when the old meter is removed.

Mesa Water does not assess Capacity Charges for dedicated Fireline Service Connections or temporary service connected to fire hydrants.

4.1.5.2 Calculating Capacity Charge Credits on Meters Pulled at the Time of Redevelopment

Mesa Water will apply a Capacity Charge credit on an account for meters that will be pulled at the time the property is redeveloped, providing one of the following conditions is satisfied:

- The old meter is pulled, and a new meter of a different size is installed on the existing service line; or
- The old meter is pulled, and the existing service line is abandoned. Any new meters of different sizes shall be installed on new service lines.

The District Engineer or an authorized designee will determine the Capacity Charge credit on the meter that is pulled in accordance with the Water Rate and Charge Schedule.

The credit will be based on the Capacity Charge in effect for the meter size being pulled according to the building classification and Water use type the meter presently serves.

If the Capacity Charge credit exceeds the Capacity Charge calculated on the new meters, the excess credit may be carried forward with the property for additional development. The excess credit will be discounted five percent each year that it is carried and at the

15th year, the credit can no longer be used. Any excess credit may only be used once. Subsequent excess credit cannot be carried forward.

The number of years used for Capacity Charge credit will be determined by calculating the number of years between the date the Application for New Service Permit was issued for the redevelopment project for which the credit originated and the date the Application for New Service Permit was issued for the redevelopment project for which the Applicant wishes to use the credit.

No Capacity Charge credit will be allowed for the removal of Automatic Fire Sprinkler Service Connections.

4.1.5.3 Calculating Capacity Charge Credits on Meters Pulled Prior to Redevelopment

Mesa Water will apply a Capacity Charge credit on meters pulled prior to the redevelopment of the property providing that every one of the following conditions be satisfied:

- The service line to which the meter was once connected is still connected to Mesa Water's Water System; and
- The Pulled Meter was recorded, and the record is on file at Mesa Water; and
- The new meters that will be installed are a different size (upgrade or downgrade) from the meters that were pulled prior to the redevelopment of the property; and
- A new meter shall be installed on the service line, to which the meter was once connected, or the service line shall be abandoned, and the new meter shall be installed on a new service line.

Mesa Water will not apply a Capacity Charge credit for meters where both the meter and the service line were abandoned prior to the redevelopment of the property.

The District Engineer or an authorized designee will determine the appropriate credit amount.

The credit on the Pulled Meter will be based on the Fee in effect for the meter size being replaced according to the building classification and Water use type the meter previously served.

The credit is subject to a five percent reduction for each year that the meter was pulled prior to the Application for New Service Permit. No credit will be given for meters that were pulled 15 years or more prior to the date the Application for New Service Permit is issued.

The number of years that will be used for the reduction in Capacity Charge credit will be

determined by calculating the difference between the date on file at Mesa Water that the meter was pulled and the date the Application for New Service Permit is issued.

In the case where the new meters being installed are the same size as the meters that were pulled, Mesa Water will apply a discount on the amount of the Capacity Charge calculated on the new meters, providing every one of the following conditions are satisfied:

- The service line to which the meter was once connected is still connected to Mesa Water's Water System; and
- The Pulled Meter was recorded, and the record is on file at Mesa Water; and
- A new meter shall be installed on the service line to which the meter was once connected, or the service line shall be abandoned, and the new meter shall be installed on a new service line.

The amount of the discount will be based on the length of time since the meter was pulled. The length of time will be determined by calculating the difference between the date on file at Mesa Water that the meter was pulled and the date the Application for New Service Permit is issued.

4.1.5.4 Application of Capacity Charges to Public Agencies

For purposes of this section "Public Agency" shall have the same meaning as set forth in Government Code Section 54999.1(c) or any successor section thereto.

Any development or application to Mesa Water for increased Water Service by any Public Agency shall be subject to a Capacity Charge. The amount of such Capacity Charge shall be determined under Section 4.1.5 of these Rules and Regulations. The determination of the Capacity Charge with regard to an individual Public Agency development project shall be made based on the same criteria and methodology applicable to non-public Applicants.

The assessment of the Capacity Charge on any school district, county office of education, community college district, the California State University, the University of California, or State agency, as defined in Government Code Section 54999.1(g), (collectively referred to as "School/State Agency" for the purposes of this Section) shall be subject to the following:

The Capacity Charge shall be paid by such School/State Agency in an amount equal to the actual construction costs of that portion of Mesa Water's Water System actually providing, or needed to provide, service to such School/State Agency.

To the extent that the appropriate Capacity Charge to such School/State Agency is in excess of the amount equal to the actual construction costs, the assessment and collection of said Capacity Charges may be adjusted on a case-by-case basis by the

District Engineer.

4.1.5.5 Use of Recycled Water

If a Capacity Charge was calculated, in whole or in part, based on the average annual usage that included service that is later replaced by the use of Recycled Water, upon written request, the Customer of Record shall be entitled to a rebate (without interest) of a portion of the Capacity Charge paid to Mesa Water, provided the Customer of Record has entered into an agreement with Mesa Water for the provision of Recycled Water at the same property for which the Capacity Charge was paid.

The rebate shall be calculated based on the original Capacity Charge paid and the amount of Recycled Water subsequently provided and used on such property. Mesa Water shall pay the rebate to the Customer of Record 30 days after the Customer begins receiving Recycled Water Service from Mesa Water.

New Recycled Water meter connections are not currently available.

4.1.6 Bonds and Conditions for Release of Bonds

As security for guarantee against defective material or work quality and as security for guarantee of the completion of the proposed project, the Applicant shall deliver to Mesa Water a Construction Performance Bond (Bond) in accordance with the Rate specified in the Water Rate and Charge Schedule. The Bond must be received and approved by Mesa Water prior to Mesa Water's final approval of plans or issuance of the Application for Water Service permit.

Mesa Water will accept only a cash bond as payment for the Bond. The bond amount is calculated at 10 percent of the Water utility construction cost, or \$1,000 whichever is greater.

The Bond, whether cash or a surety, will be eligible for release one year after all of the following conditions have been satisfied:

- All Fees and Charges are paid current; and
- The project has been completed to the satisfaction of Mesa Water; and
- Mesa Water has received and has recorded with the County Recorder's office all necessary documents of conveyance and guarantees.

Approximately one year after all of the above conditions have been satisfied, Mesa Water will conduct a follow-up inspection of the Water facilities. If the facilities are free from defective material and work quality, and all Fees and Charges are current, the Bond will be released. The Bond will stay in effect until all such conditions are met.

4.1.7 Document of Conveyance and Guarantee

Easements shall be approved and accepted by the Board prior to the installation of meters. The document(s) will transfer to Mesa Water all interest and title to such system and appurtenances, guaranteed free of all liens, together with necessary deeds, easements, or rights-of-way, as applicable, for future maintenance and upkeep. Documents of conveyance shall be received not less than 60 days' prior installation of meter that was requested to allow sufficient time for Board consideration and approval.

For a period of one year after acceptance of the work by Mesa Water, repair, or replacement of all dedicated facilities that may prove to be defective in work quality or materials, together with any other works that may be displaced in so doing, shall be at the sole cost and expense of the Applicant. Such repair or replacement shall be without expense whatsoever to Mesa Water unless the repair(s) or replacement(s) were the result of ordinary wear and tear or unusual abuse or neglect by Mesa Water.

In the event of an emergency, as determined by Mesa Water, Mesa Water shall notify the Applicant of any defect and shall immediately proceed to have the defects repaired or replaced at the expense of the Applicant, who shall pay the costs and Charges upon demand.

If Mesa Water becomes aware of a defect in material or work quality, which does not involve an emergency, Mesa Water will notify the Applicant and the Applicant shall undertake to accomplish the necessary repair or replacement. If within one week from the date of notification the Applicant has not accomplished the necessary corrective procedures or made satisfactory arrangements thereof, Mesa Water will proceed to have the defects repaired or replaced at the expense of the Applicant, who shall pay the costs and Charges upon demand.

If the Applicant fails to pay for the costs and Charges resulting from repairs or replacements of the facilities as provided in this section, Mesa Water reserves the right to reduce the amount of, or draw upon, the Applicant's security bond by the amount necessary to cover any such costs and Charges.

4.2 CONSTRUCTION OF WATER FACILITIES

The Applicant is required to perform construction with the assistance of a licensed Contractor (Class A or C34).

It will be the responsibility of the Contractor to furnish materials that meet the specifications contained in the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. It also will be the responsibility of the Contractor to provide labor and equipment necessary to install the Water facilities in conformance with the approved plans and the specifications contained in the Standard Specifications

and Standard Drawings for the Construction of Mesa Water Facilities.

4.2.1 Underground Service Alert

The Contractor shall be responsible for researching utility records and indicating the location of known utilities on the plans. At least two Business Days before beginning the work, the Contractor shall call U.S.A. (Underground Service Alert) at 1.800.227.2600 for utility Owners to mark the location of substructures. It shall be the Contractor's responsibility to determine the true location and depth of utilities and Service Connections. The Contractor shall become familiar with the type, material, age, and condition of any utility that may be affected by the work.

The Contractor shall not interrupt the service function or disturb the supporting base of any utility without authority from the utility Owner or on order from Mesa Water.

Where protection is required to ensure support of utilities, the Contractor shall furnish and place the necessary protection at the Contractor's expense.

The Contractor shall immediately notify the District Engineer and the utility Owner if the Contractor disturbs, disconnects, or damages any utility.

4.2.2 Safety Requirements

The Contractor must adhere to appropriate CAL/OSHA safety requirements while on the job site. The Contractor shall have at the job site, copies or suitable extracts of Construction Safety Orders, Tunnel Safety Orders and General Industrial Safety Orders issued by the California State Division of Industrial Safety. The Contractor shall comply with provisions of these and other applicable laws, ordinances, and regulations.

Mesa Water accepts no responsibility for the Contractor's compliance with any aspect of safety regulations and the Contractor will hold harmless, indemnify and defend Mesa Water, its employees, officers, and board members from any liability with regard to compliance with any safety requirement.

4.2.3 Charges for Damages

It will be the Contractor's responsibility to "protect in place" Mesa Water facilities. In the event it becomes necessary for Mesa Water to assist the Applicant, the Contractor, or any third party, or to make repairs to Mesa Water's facilities damaged by any of the above, Mesa Water will charge the Applicant, Contractor, or third party for the actual cost of assistance and/or repairs plus its full overhead Rate.

4.2.4 Valves and Water Main Shutdowns

It shall be the Contractor's responsibility to keep valves exposed and accessible at all times. If a Water Main shutdown is required, only Mesa Water employees are authorized to perform shutdown operations. The Contractor shall notify Mesa Water's Engineering staff and affected users at least 72 hours in advance in areas where shutdown is requested.

4.2.5 Mesa Water Inspection

New water facilities shall be subject to inspection by Mesa Water or its authorized Agent(s). Such facilities shall be installed in accordance with the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. Inspection of new Water facilities shall be scheduled in accordance with the requirements of the issued permit and accompanying inspection checklist.

The Contractor shall notify Mesa Water's Engineering staff at least two Business Days prior to the commencement of construction of any water facilities.

Contractors requiring inspection outside Mesa Water's business hours shall be charged Mesa Water's full overhead Rate and overtime Rate. Requests for after-hours inspections shall be made in writing to Mesa Water's Inspector a minimum of five Business Days in advance.

Water facilities under construction shall be under the Customer's control and under the management of an onsite superintendent designated by the Customer or the Contractor and approved by Mesa Water. The onsite superintendent shall be responsible for the installation, operation, and maintenance of the onsite facility, equipment, enforcement of these Rules and Regulations, and prevention of Cross Connections and potential hazards. The onsite superintendent or his representative shall be available via telephone at numbers listed with Mesa Water for contact during business hours (Monday through Thursday from 7:00 a.m. to 4:30 p.m. and Friday from 7:00 a.m. to 3:30 p.m.) and after hours.

4.2.6 Size, Location, and Installation of Water Services

Mesa Water reserves the right to determine the size of the meter and Service Connection and determine location of the meter and Service Connection in relation to boundaries of the premises to be served.

Mesa Water reserves the right to limit the number of houses or buildings, or the area of the land, under one ownership, to be supplied by one Service Connection. When property provided with a Service Connection is subdivided, the Service Connection shall be considered as belonging to the lot or parcel of land that it directly enters.

A Service Connection shall not be used to supply an adjoining property.

If a Service Connection relocation is more than five feet laterally from the existing Service Connection, it will be considered a new Service Connection.

New fire Service Connections must have a fire service tattle-tale meter installed in accordance with the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities.

Mesa Water reserves the right to require the installation of a fire service meter on an existing fire service, at the Owner's expense, in accordance with the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities if it has been determined by Mesa Water that Water from the fire service has been illegally used.

4.2.7 Meter Installation

Meters shall be provided and installed by Mesa Water and shall remain the property of Mesa Water. Meters shall be maintained, repaired, replaced, and read by Mesa Water employees. The Applicant shall pay the cost of installing meters at the time the permit is issued before any meters will be installed. The Fees for meter installation will be in accordance with the rates in the Water Rate and Charge Schedule.

4.2.7.1 Meter Equipment Standards

Mesa Water shall install meter styles, registers, and communications endpoints based on the type of use, as delineated in Table 1.

Table 1. Meter Technology by Type of Use

Meter Use	Meter Style	Register	Communications Endpoint
1. Residential ¹	Nutating Disc	8-Digit HR-E	None
2. Multi-Unit Residential ^{2/3}	Nutating Disc	8-Digit HR-E	Migratable
3. High Density ⁷	Master Meter	8-Digit HR-E	Cellular
4. Irrigation (<2")	Nutating Disc	8-Digit HR-E	Cellular
4b. Irrigation (>2")	Turbo	8-Digit HR-E	Cellular
5. Firelines	5/8" Tattletale	8-Digit HR-E	Migratable
6. Commercial ⁴	<3" Nutating Disc >3" Combo Meter	8-Digit HR-E	Migratable ⁵
7. High-Use ⁵	<3" Nutating Disc >3" Combo Meter	8-Digit HR-E	Cellular
8. Hard to Access ⁶	Varies	8-Digit HR-E	Cellular

Notes:

1. Single-family detached home that does not meet the criteria of Notes 2 and 3.
2. Single-family detached or attached townhomes with 30 or more units with meters located in front of home and within a development community.
3. Single-family homes within a development community with meters located within the public right-of-way in a meter bank shall not be equipped with migratable endpoints.
4. Meter size varies based on fixture unit count. Combo meters shall be designed for low and high flow usage patterns based on proposed architectural drawings and plumbing plans.
5. Meters are considered high use when average monthly flows are greater than 65 HCF/month (1"), 100 HCF/month (1.5"), 200 HCF/month (2"), 450 HCF/month (3"), 850 HCF/month (4"), 1,400 HCF/month (6"), and 3,000 HCF/month (8") shall be equipped with a cellular endpoint.
6. Hard to access locations shall be determined by the Meter Reading Group and submitted to the Plan Checker for integration into the approved plans.
7. Master Meter installations shall follow the requirements of Section 4.2.8.2 herein.

The District Engineer or General Manager reserves the right to evaluate and amend the meter, register, or endpoint type of the Table 1 requirements on a case-by-case basis.

4.2.7.2 High-Use Customers

Existing high-use customers with average annual usage greater than the values shown in Table 2 may be equipped with real-time metering equipment at no additional cost to the customer. New development projects will be evaluated for high flow applications during the plan check process and high flow usage will be based on the proposed fixture count and criteria in Table 2. High-use customers shall receive metering equipment with cellular endpoints that send automatic usage data to the meter reading system.

Table 2. Minimum Use to be Designated as High-Use Customer

Meter Size	High Use (Monthly use in units of 100 Cubic Feet)
5/8"	65
3/4"	65
1"	65
1 1/2"	100
2"	200
3"	450
4"	850
6"	1,400
8"	3,000

4.2.7.3 Non-High Use Customers

Non-high use Customers are customers with usage equal to or lower than the average annual usage shown in Table 2. Non-high use customers shall have meters equipped with meter registers as identified in Section 4.2.7.1. Non-high use customers may request Mesa Water to install a real-time meter with a cellular endpoint and access for the cost of the equipment, installation labor, and monthly access fee. The non-high use customer

shall be billed for the total cost of the meter equipment, cellular endpoint, installation, and set-up over a one-year period on the customers' regular bi-monthly bill or pay in a lump sum. New meter equipment shall be installed to obtain real-time metering service. The monthly access fee will be billed to the customer on the same billing cycle as their regular water bill and continue in perpetuity or until terminated by the customer.

Termination of the real-time metering program will be granted with a minimum of 30 days written notice to Mesa Water and complete repayment of all equipment and labor installation costs.

4.2.8 Metering Policy

Individual dwelling units shall be individually metered.

4.2.8.1 Standard Location of Meters

Except as provided for in Section 4.2.8.2, meters shall be installed in the public right of way.

4.2.8.2 Alternative Location of Meters

At the sole discretion of Mesa Water, when installation of individual meters adjacent the curb in the public right of way is physically impossible, impractical, or unsafe, individual meters may be located on private property in approved easements which are approved and accepted by the District Engineer in accordance with the instructions provided herein

4.2.8.3 Standard Metering

Meters are installed at the standard location and serve an individual dwelling unit.

4.2.8.4 Master Metering

Master metering without meters for individual dwelling units is prohibited.

Master Metering combined with individual dwelling unit meters installed on private property may be approved provided that:

- The District Engineer must review and approve each such request.
- The Master Meter(s) shall be located in the public right of way.
- Water infrastructure downstream of the Master Meter shall be privately owned.
- Mesa Water will own individual meters installed on private property and easements shall be granted to Mesa Water to access and maintain such individual meters.

4.2.8.5 Capacity Charges, Basic Charges, and Water Charges for Developments with Master Meters

For fees and charges based on meter size, the Customer will be charged the greater of the amount determined by the size of the Master Meter or the amount determined by the sum of all individual meters that would be required without the Master Meter.

4.2.8.6 Landscape Irrigation Meters

A Landscape Water meter is a dedicated Water Service meter that provides Water for outdoor uses including landscape irrigation, pools, spas, water features, etc.

- Multi-tenant commercial or residential developments must have an individual meter(s) serving common irrigated landscape areas.
- Irrigated landscapes of 1,000 square feet or more must have a separate landscape Water meter, except those for single-family residential developments.
- The meter size for an irrigation system shall be a $\frac{5}{8}$ -inch or larger.
 - In most cases, the irrigation meter shall be sized based on the peak flow through a single valve of the irrigation system (i.e., highest producing valve). However, Mesa Water reserves the right to further evaluate the system and to select a meter size that best meets the needs of the system. The meter size may be based on multiple valves, branches of the system, square footage, or as deemed most appropriate by Mesa Water.

4.2.9 Submetering and Prohibited Practices

4.2.9.1 Application

This rule pertains to all Customers located within Mesa Water's service area to which Mesa Water provides Water Service. For purposes of this rule, multi-family residential units shall mean two or more residential units served from one Water meter.

4.2.9.2 Prohibited Practices

In the case of multi-family residential units, mobile home parks, and commercial locations that install or use submeters or a submetering system to allocate the costs of Water to tenants, subtenants, lessees or similar persons or parties, the following practices shall be prohibited:

- 1) No Customer, or contractee with a Customer, shall represent to any submetered tenant, subtenant, lessee or similar person or party that such Customer (or such contractee) is a provider of Water Service or Water Services; and

- 2) No Customer, or contractee with a Customer, shall terminate, or threaten to terminate, Water Service to any submetered tenant, subtenant, lessee or similar person or party by reason of non-payment of any allocated costs for Water.

A Violation of this rule occurs whenever Mesa Water becomes aware of a Violation of Rule 4.2.9.2 (1) or 4.2.9.2 (2), as set forth above. Upon Mesa Water becoming aware that such a Violation has occurred, Mesa Water shall provide written notice to the Customer of Record to cure such Violation, and the notice shall include (i) a statement of the nature of the Violation, (ii) the date upon which Mesa Water became aware of the Violation, and (iii) a date by which the Customer of Record shall cure such Violation. If such Violation is not cured by the date stated in the notice, the provisions of Rule 2.7 of these Rules and Regulations shall apply. Any such Violation shall be reported by the General Manager to the Board of Directors, in writing, together with a description of the action(s) taken to compel enforcement of these Rules and Regulations as soon thereafter as shall be practical.

Customers of Record that have submeter systems attached to Mesa Water's Water System shall comply with applicable laws, statutes and regulations of the State of California and the city in which they are located, or the County of Orange, as applicable.

Mesa Water does not encourage, favor, or support any submetering system or process that is used to generate revenue(s) over and above the fair and reasonable cost of installation of such system, fairly allocated costs of Water, and reasonable administrative costs.

4.2.10 Automatic Fire Sprinkler Service Connections

When an Automatic Fire Sprinkler Service Connection (AFSSC) is installed, the control valve will be left closed and sealed until a written order to turn on the Water is received by Mesa Water from the Customer of Record.

After an AFSSC is activated, Mesa Water shall not be liable for damages of any kind whatsoever that may occur on or to the premises served, due to the installation, maintenance, or use of such AFSSC, or due to pressure fluctuations or interruption of Water supply.

Should the Customer request an AFSSC be shut off, Mesa Water must receive, in advance of the shut off, a written order from the Customer of Record and written approval from the appropriate fire department or authority.

Water is not to be used through an AFSSC for any purpose other than the extinguishing of fires, or a purpose related thereto. Mesa Water shall have the right to shut off the entire supply of Water to the premises through the AFSSC when improper use occurs or for non-payment of bills. Mesa Water will notify the appropriate fire department or

authority prior to any such termination.

If Water is used through an AFSSC for an unauthorized purpose, the Customer of Record shall be charged for the unauthorized taking of Water in accordance with the Water Rate and Charge Schedule. A fireline meter indicating flow will result in a letter being sent to the Customer of Record. It is the Customer of Record's duty to determine if there is an illegal connection or leak and make the necessary repairs.

4.2.10.1 Down-Stream Residential Fire Sprinkler Systems

Certain residential dwelling units located within Mesa Water's service area may have installed, or may in the future install, fire sprinkler systems that are connected downstream of Mesa Water's service meter (Point of Ownership) (for purposes of this Section, a "System"). Mesa Water hereby provides notice that it is not responsible, and assumes no liability of any kind, for the installation, ownership, operation, or use of any such System. The provisions of Sections 2.4 and 2.5 of these Rules and Regulations shall apply to any such System. Mesa Water expressly declines to provide, or guarantee, any particular Water Service, or pressure, to a Customer, or Customer account, that has such a System, and no contractual obligation therefore shall arise, whether through a Water Service Agreement or otherwise, without the express prior written agreement of the Board. Mesa Water assumes no liability whatsoever for any injuries or damages, of whatever nature, that arise or occur based on the installation, ownership, or use of any such System. The provisions of this Section shall be in addition to, and not in derogation of, Mesa Water's statutory protections applicable to such matters.

4.2.11 Fire Hydrant Installation

The appropriate fire department or authority having jurisdiction shall designate the size and location of fire hydrants to be installed. Fire hydrants shall be installed in the parking or sidewalk area adjacent to the curb within the public right of way. Upon request and approval by the appropriate fire agency, Mesa Water will change the location of fire hydrants owned and operated by Mesa Water when necessary. At the sole cost of the property Owner, Mesa Water may relocate a public fire hydrant with approval from the appropriate fire protection authority.

Fire hydrants located inside residential and commercial developments requiring fire hydrants shall be considered private fire hydrants. Mesa Water is not responsible for maintaining or relocating private fire hydrants. Private fire hydrants shall be installed downstream of a backflow device installed, operated, and maintained in accordance with the Rules and Regulations of Mesa Water District.

4.2.12 Water Main Extensions

Mesa Water will extend its Water distribution Mains to individual developers at the

expense of the property Owner. If Mesa Water deems it necessary to install larger Mains for future use, Mesa Water will bear the costs of such oversizing.

4.2.13 Benefited Property Agreement

If a Mainline extension or a new Mainline will benefit adjacent properties, at its discretion, Mesa Water may enter into a benefited property agreement with developer(s) of the adjacent properties. The terms and conditions of such a benefited property agreement will be subject to approval by the Board of Directors.

4.2.14 Regulation of Booster Pumps

When it becomes necessary, due to low water pressure or special operating conditions, to install a booster pump on the service to any premise, connection shall be made through an approved cross connection control device upstream of the pump. Such pump shall be equipped with a low-pressure cut-off switch designed to shutoff the pump when water pressure on the inlet side is 25 pounds per square inch gauge (PSIG) or less. It shall be the duty of the Customer of Record to maintain the cut-off device in proper working order and certify to Mesa Water, at least once a year, that the device is operable. A person deemed competent by Mesa Water shall execute low-pressure cut-off device certification. The cross-connection control device shall be tested in accordance and in compliance with Mesa Water's Rules and Regulations.

4.2.15 Acceptance of Easements

Subject to the provisions of this Section 4.2.15, Mesa Water requires that facilities to convey Potable and Recycled Water to Customers be installed in the public right-of-way. Mesa Water shall not accept facilities constructed on private property. However, the District Engineer and General Manager may consider acceptance of an easement and water facilities under the following conditions:

- Closed or Dead-End Layout: Developments that contain a closed or dead-end layout that could result in substandard water quality as determined by the District Engineer; or
- Multiple Unit Developments: Developments requiring a master meter and individually metered units as determined by the District Engineer.

The above conditions shall be at the discretion of the District Engineer and General Manager and subsequent approval of the Board of Directors. Acceptance of an easement by Mesa Water shall include, and not be limited to, the following criteria:

- Points of Connection: Customer shall establish a minimum of two points of connection Mesa Water's Mainline system as determined by the District Engineer.
- Easement Preparation and Costs: Easements shall be designed by the Customer

at their costs and be certified by a California Registered Professional Land Surveyor. Easement documents shall be submitted to and approved by Mesa Water prior to meters being approved for installation.

- Easement Requirements: A 15-foot easement (7.5 feet on each side of Main) shall be granted to Mesa Water for Mainlines and five feet for Water Services (2.5 feet each side of the service). Easements shall include within the boundaries Mainlines, service laterals, fire hydrants and Water meters.
- Water System Repair and Maintenance Responsibilities: Mesa Water shall not be responsible for replacing decorative concrete, pavers, block walls, fences, grass, rock, irrigation systems or other appurtenances within the boundaries of a granted easement as a result of standard maintenance or emergency repair work. Mesa Water shall use asphalt paving to repair maintenance work performed within the easement and only over the location of repair. Mesa Water shall not be responsible for any cost over the cost of replacing the asphalt pavement. This requirement shall be written in the easement document.
- Water System Design Requirements: Mesa Water reserves the right to determine the location of Mains, services, meters, and other appurtenances within the private development.
- City of Costa Mesa Private Gate Waiver: Customers shall not apply to the City or construct a privately gated community. This condition must be written in the easement document and a letter from the City received designating their agreement.
- Hold Harmless Agreement: The Customer shall execute Mesa Water's Hold Harmless Agreement indemnifying Mesa Water with any existing or future damage caused by its facilities.

SECTION 5 – TEMPORARY WATER SERVICES

5.1 TEMPORARY CONNECTIONS

On a case-by-case basis, Mesa Water will allow the use of temporary connections to Mesa Water's Water System when Water Service is needed only for construction, or other purposes as approved by Mesa Water. Mesa Water reserves the right to require the Applicant to use an existing Service Connection whenever feasible.

Mesa Water reserves the right to set a meter on any temporary Service Connection, collect the required Deposits, and thereafter charge the regular metered Rate for the kind of service to be rendered.

Meters set on temporary Service Connections will be read by Mesa Water on a regular basis, and temporary service accounts will be billed monthly or bi-monthly.

5.2 HYDRANT METERS

Water may be obtained from fire hydrants for construction or other purposes only in the manner prescribed in these Rules and Regulations for Water Service. When water is to be obtained from a fire hydrant, the Applicant shall sign a Rules for Hydrant Meters for Construction Water Service form (Refer to Appendix 5) and also an Application Temporary Water Service (Refer to Appendix 4), wherein the Applicant shall specify the location of the fire hydrant to be used, the anticipated length of use and shall agree to make the required Deposit to Mesa Water. Copies of both forms shall be issued to the Applicant and shall constitute authority to procure and make such limited use of the fire hydrant therein designated, through a Mesa Water supplied hydrant meter.

Only Mesa Water employees are allowed to install or remove fire hydrant meters, which shall be subject to the approval of the Customer Services Manager. Private hydrants are not available for use with Mesa Water hydrant meters prior to installation of such meter; the permit holder must pay an Installation Fee in accordance with the Water Rate and Charge Schedule and Mesa Water's Policy DS-009 Hydrant Meters. The permit holder is required to give Mesa Water at least one Business Day (24 hours) notice when requesting the installation (set up) or removal of a fire hydrant meter.

Only Mesa Water employees may relocate a fire hydrant meter. The permit holder must give Mesa Water at least one Business Day (24 hours) notice when requesting fire hydrant meter relocation. Relocation will only be performed by Mesa Water employees during business hours and a Fee for moving the hydrant meter will be assessed in accordance with the rates listed in the Water Rate and Charge Schedule.

The permit holder is responsible for paying the costs of repairing any damage to the fire hydrant meters or hydrants. These costs will be the actual cost of repairs plus Mesa

Water's full labor overhead Rate.

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SECTION 6 – CROSS CONNECTION AND BACKFLOW PREVENTION

6.1 INTRODUCTION

Mesa Water recognizes that it has a responsibility to take reasonable precautions to protect the public Water supply. Thus, in the exercise of this responsibility, Mesa Water must take reasonable precautions to protect Mesa Water's Water System from the hazards originating on the premises of its Customers that may degrade the Water in the Water System.

To affect such precautions, Mesa Water has adopted these Rules and Regulations pursuant to the State of California Administrative Code, Title 17 - Public Health entitled "Regulations Relating to Cross Connections."

In addition to these Rules and Regulations for Water Service, the Customer must comply with Public Law 99-339 - the Safe Drinking Water Act and its amendments, State and local regulations including and not limited to Title 17 - Regulations Relating to Cross Connections, and the latest edition of the Manual of Cross Connection Control from the Foundation for Cross Connection Control and Hydraulic Research, University of Southern California.

These Rules and Regulations were written to assist Mesa Water in safeguarding its Potable Water supply. Mesa Water cannot, and will not, be held liable for actions by others that are beyond its control, including, and not limited to, willful sabotage, deceptive or fraudulent activities, and acts of nature. These Rules and Regulations do not provide regulatory measures for protection of Water users from the hazards of Cross Connection within the Water users' own premises.

6.2 GENERAL PROVISIONS

6.2.1 Protection

Protection shall be accomplished by isolating within the premises, used, degraded, contaminated, or polluted Water or other liquids, mixtures, or substances. Mesa Water recognizes that there are varying degrees of potential and actual hazards; consequently, the degree of protection shall be commensurate with the degree of hazard.

6.2.2 Backflow Prevention Assemblies

Backflow Prevention Assemblies shall be provided and maintained by the Applicant, Owner, or Customer of Record at his/her expense. Such assemblies shall be located on the premises of the property served and shall not be installed on Mesa Water's portion of the Water System. Such assemblies shall be readily accessible for testing and maintenance and no assembly shall be submerged at any time or exposed to Recycled

Water, Direct Overspray or Runoff at any time.

From time to time, representatives of any health agency having jurisdiction or Mesa Water may conduct surveys of any premises where Recycled Water Service is provided by Mesa Water. The purpose of such surveys is to determine if any actual or potential cross-connections exist. The Applicant, Owner or Customer shall provide reasonable cooperation in facilitating such surveys.

The type of Backflow protection required is related to the degree of hazard that exists on the premises served. The type of Backflow Prevention Assembly that may be required (listed in increasing level of protection) includes Double Check Valve Assembly (DCV), Reduced Pressure Principle Assembly (RPP), and an Air Gap Separation (AG). The Applicant may choose to install an assembly with a higher level of protection than required by Mesa Water. The minimum types required, relative to various situations shall be as required by California Administrative Regulations, Title 17, or to the extent not covered thereby, as determined by Mesa Water or applicable regulatory agency.

It shall be the responsibility of the Applicant on any premises on which Backflow Prevention Assembly(ies) are installed to have competent inspections made at least once a year, or more often in those instances where successive inspections indicate repeated failure.

6.2.3 Unprotected Cross Connections

Unprotected Cross Connections to the public Water supply are prohibited.

6.2.4 New Service Requests

Mesa Water shall review all requests for new service to determine if Backflow protection is needed. Plans and specifications must be submitted to Mesa Water for review of possible Cross Connection hazards as a condition of service for new Service Connections.

6.2.5 Protection Required Before Granting Service

Whenever Backflow protection is found necessary, Mesa Water will require the Customer of Record or Applicant to install an approved Backflow Prevention Assembly at the Customer's expense for continued services or before a new service is approved.

6.2.6 Protect Water Lines

Wherever Backflow protection is necessary on a Water supply line entering a Customer's premises, Water Service lines from Mesa Water's Mains entering such premises, buildings or structures shall be protected by an approved Backflow Prevention Assembly. The type of assembly to be installed will be in accordance with the requirements of these Rules

and Regulations.

6.3 WHERE PROTECTION IS REQUIRED

6.3.1 Premises Having an Auxiliary Water Supply

Premises that have an auxiliary water supply shall be protected against backflow of water from the premises into the public water system, unless the auxiliary water supply is accepted as an additional source by Mesa Water and is approved by the public health agency having jurisdiction.

6.3.2 Premises Handling Processed Water

Premises, on which any substance is handled in such fashion that it may allow its entry into the water system; shall be protected against backflow of the water from the premises into the public water System. Such substances include, and are not limited to, handling of processed waters and waters originating from Mesa Water's Water System subjected to deterioration in sanitary quality.

6.4 PREMISES HAVING OR POSSIBLY HAVING CROSS CONNECTIONS

Premises that have any one of the following shall be protected against Backflow of the Water from the premises into the public Water System:

- Internal Cross Connections;
- Intricate plumbing and piping arrangements susceptible to Cross Connection; or
- Where entry to all portions of the premises is not readily accessible for inspection purposes, making it impracticable or impossible to ascertain whether or not Cross Connections exist.

6.5 TYPE OF PROTECTION

6.5.1 Type of Backflow Assembly

The type of approved Backflow Prevention Assembly shall depend upon the degree of hazard. The decision as to when, where and which assembly to be used shall be made at the discretion of Mesa Water and shall depend upon the facts of each particular situation.

In determining the degree of hazard and the type of approved Backflow Assembly required the following principles shall apply:

- Health or System Hazard – An approved Air-Gap Separation or an approved Reduced Pressure Principle Backflow Prevention Assembly (RPP) shall be used where there is an existing or potential contaminant (health or system hazard).

- Pollution Hazard – A Double Check Valve Assembly (DCV) is to be used where there is an existing or potential pollution (non-health hazard).

6.6 APPLICATION

6.6.1 Structures of More Than Two Stories in Height

At the Service Connection to any premises, where there are more than two stories in height above the Service Connection, an approved Backflow Prevention Assembly shall protect Mesa Water's Water supply.

6.6.2 Residential Buildings with Fire Sprinklers

New residential buildings requiring fire sprinkler protection systems shall utilize a 13D flow through the sprinkler system or install a testable Backflow Prevention Assembly.

Remodeled residential buildings installing fire sprinkler protection systems shall utilize a 13D flow through the sprinkler system or install a testable Backflow Prevention Assembly.

6.6.3 Recirculating Water

At the Service Connection to any premises containing recirculating water systems (hot or cold); Mesa Water's Water supply shall be protected by an approved Backflow Prevention Assembly.

6.6.4 Five or More Units

At the Service Connection to any premises where there are multiple units or dwellings that have five or more individual units being serviced through one metering system, Mesa Water's Water supply shall be protected by an approved Backflow Prevention Assembly.

6.6.5 Health or System Hazard from Auxiliary Water Supply

At the Service Connection to any premises, where there is an auxiliary Water supply that may constitute a health or system hazard, an approved Air-Gap Separation, or an approved reduced pressure principle Backflow Assembly, or both, shall be installed.

6.6.6 Sewage and Storm Drain Facilities

At the Service Connection to any wastewater treatment plant, wastewater pumping station or storm Water pumping station, Mesa Water's Water supply shall be protected by an approved Air-Gap Separation. Piping between the meter and the receiving vessel shall be entirely visible. If, in the opinion of Mesa Water, an Air-Gap Separation provides insufficient protection, Mesa Water may require installation of an additional approved

Backflow Prevention Assembly(ies).

6.6.7 Hospitals, Mortuaries, Etc.

At the Service Connection to hospitals, medical and dental buildings, mortuaries, and other premises where special hazards exist, Mesa Water's Water supply shall be protected by an approved Reduced Pressure Principle Backflow Prevention Assembly.

6.6.8 Commercial or Industrial Buildings

At the Service Connection to any premises containing commercial or industrial buildings subject to varying and unknown use, Mesa Water's Water supply shall be protected by an approved Backflow Prevention Assembly.

6.6.9 Fireline Services

Approved Double Check Detector Assembly (DCDA) shall be installed on fireline services, except where, in the opinion of Mesa Water, the DCDA does not provide sufficient Backflow protection. In this case, Mesa Water will require the installation of an approved Reduced Pressure Principle Detector Assembly (RPDA).

6.6.10 Irrigation Services

Meters serving only irrigation systems shall be protected by an approved Reduced Pressure Principle Backflow Prevention Assembly.

6.6.11 Multiple Use Services

In the case of meters serving domestic and fire services (sprinklers), Mesa Water's Water supply shall be protected by an approved Backflow Prevention Assembly that will meet the minimum requirement for the existing or potential hazard.

6.7 INSTALLATION

6.7.1 Only Mesa Water Approved Assemblies

Only Backflow Prevention Assemblies that have been approved by Mesa Water and the DDW shall be acceptable for installation on a Service Connection. Upon request, Mesa Water will provide a list of approved Backflow Prevention Assemblies.

6.7.2 Installation Specifications

Backflow Prevention Assemblies shall be installed in a manner prescribed in Section 7603, Title 17 of the California Administrative Code and they shall be installed on the Customer's

side of, and as close to, the Service Connection as is practical. The assembly shall be installed a minimum of 12 inches and a maximum of 36 inches above final grade measured from the concrete pad to the bottom of the assembly and with a minimum of 12 inches clearance on either side. The assembly shall be installed so that it is readily accessible for maintenance and testing. Mesa Water shall have the final authority in determining the required location of a Backflow Prevention Assembly.

6.7.3 Replacement of Obsolete Assemblies

The Customer of Record must replace obsolete Backflow Prevention Assemblies when notified by Mesa Water that the assembly is no longer appropriate or acceptable. An obsolete assembly may be upgraded provided that a factory manufactured upgrading kit is available. The upgraded Backflow Prevention Assembly must be approved by Mesa Water and the California Department of Health Services Office of Drinking Water.

6.7.4 Testing New Assemblies

As soon as the installation of the Backflow Prevention Assembly has been completed, the Customer of Record shall have the assembly tested by a certified tester and submit the test results to Mesa Water within 10 days of the test date. An Orange County Health Department approved list of local certified testers may be obtained at the Mesa Water Office or on the website at www.MesaWater.org.

6.7.5 Right to Reject

Mesa Water reserves the right to reject any installation or assemblies.

6.7.6 Potable Water Plumbing

Potable Water facilities shall be provided with materials that meet the lead-free requirements as defined in Assembly Bill (AB) 1953 and certified by an independent American National Standards Institute (ANSI) accredited third party, including and not limited to, NSF International, as complying with Section 116875 (g) of the Health and Safety Code as amended by AB 1953. Each shipment shall contain a copy of the certification that the item is lead free as defined by AB 1953.

6.8 INSPECTION AND TESTING

6.8.1 Original Test

Backflow Prevention Assemblies shall be inspected, tested, and certified as operational when the assembly is originally installed, replaced, relocated, or repaired. All tests shall be conducted by a certified tester who shall prepare a report certifying that the assembly has been tested and is operating satisfactorily.

6.8.2 Annual Test by Certified Tester

At the expense of the Customer of Record, all Backflow Prevention Assemblies shall be inspected, tested, and certified as operational at least once a year. All tests shall be conducted by a certified tester who shall complete a Mesa Water Backflow test form report for each assembly certifying that the assembly has been tested and is operating satisfactorily.

6.8.2.1 First Notification

Mesa Water will notify the Applicant, Owner, or Customer(s) when their annual testing is required and supply them with the necessary test form(s) that must be filled out each time a Backflow Prevention Assembly is tested or repaired. Such notice will include the date by which the test must be completed, (generally 30 days after the date of the notice). Copies of the completed forms shall also be sent to the local regulatory agency (OCHCA). The Applicant, Owner, or Customer shall notify Mesa Water any time an assembly is repaired, replaced, or relocated. A Backflow Prevention Assembly shall be repaired or replaced by, and at the expense of the Applicant, whenever it is found to be defective. Records of all such tests and repairs shall be submitted to Mesa Water within 10 days and maintained by the Applicant.

6.8.2.2 Shutoff Notification

A shutoff notice shall be sent to each Customer of Record who does not have the Backflow Prevention Assembly tested within the 30-day period as prescribed in the first notice. The shutoff notice will give the Customer of Record a two-week period to have the applicable Backflow Prevention Assembly tested. If no action is taken within such two-week period, Mesa Water may terminate Water Service to the Customer's premises until the subject assembly is scheduled for testing and testing company calls in to restore Water Service.

6.8.2.3 Customer of Record's Responsibility

The Customer of Record shall cause annual tests to be made of the Backflow Prevention Assembly at the expense of the Customer of Record. Defective assemblies shall be repaired, overhauled, or replaced immediately at the expense of the Customer of Record. As a courtesy Mesa Water provides a notice of annual testing, and failure to receive such notice shall not relieve the Customer of Record of requirements under this section.

6.8.2.4 Reports

Reports of inspections, tests, repairs, overhauling of the assembly and corrections made shall be submitted to Mesa Water within 10 days of the test date by the certified tester. Such reports shall be submitted to Mesa Water on forms supplied by Mesa Water.

6.8.3 Random Tests and Inspections of Assemblies

Mesa Water will maintain a program of random or spot testing of various Backflow Prevention Assemblies at no cost to the Customer of Record. This testing may be done at the time of installation and periodically thereafter. This testing will in no way relieve the Customer of Record from responsibility for maintaining functional assemblies and will serve to help assure that the program is serving its intended purpose.

6.8.4 On-Premise Inspection by Mesa Water

At its discretion, Mesa Water may require an on-premises inspection for Cross Connection hazards on any property to which it serves Water. Mesa Water will transmit a written notice requesting an inspection appointment to each Customer of Record. Any Customer or Customer of Record who cannot or will not allow an on-premise inspection of the piping system shall be required to install any Backflow Prevention Assembly that Mesa Water considers necessary.

6.8.5 More Frequent Inspection

Where successive annual reports indicate defective operation of a Backflow Prevention Assembly, Mesa Water may require more frequent inspections or require replacement of the assembly.

6.8.6 Duty of Tester

The certified tester shall be responsible for the competency of inspections, corrective actions and the accuracy of reports required under this Section and Mesa Water's code of conduct for Backflow assembly testers.

6.8.7 Testing Methods

Test results of Backflow Prevention Assemblies will only be accepted if performed in accordance with the methods used by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California and County of Orange/Health Care Agency/Environmental Health.

6.9 ENFORCEMENT

6.9.1 New Service Connections

No new Service Connections shall be completed, nor meters installed, until all provisions of these Rules and Regulations for Water Service have been satisfied.

6.9.2 Existing Service Connections

Existing Service Connections shall comply with all provisions of these Rules and Regulations for Water Service. If it is found that the service is out of compliance, the service will be brought into compliance with all provisions of these Rules and Regulations for Water Service when the Customer of Record is notified by Mesa Water. Failure to comply shall result in termination of Water service.

6.9.3 Termination of Water Service

Mesa Water may immediately terminate service to any premises where an actual or potential Cross Connection or other hazard to Mesa Water's Water supply is found to exist. Any Customer who violates any of the provisions of these Rules and Regulations or alters, bypasses, or renders inoperative, or removes any installed Backflow Prevention Assembly, or fails to test the assembly as required, shall be subject to immediate termination of Water Service.

6.9.4 Civil and Criminal Actions

Violation of these Rules and Regulations may constitute a public nuisance within the meaning of Health and Safety Code Section 117035 and Penal Code Sections 372 and 373a. Violators may be subject to civil actions for abatement and damages (Civil Code Section 3479, et seq.) and Criminal Penalties of up to six months in county jail or \$1,000 or both (Penal Code Section 19). Customers may also be assessed a fine of \$500 per day by Mesa Water for Violation of these Rules and Regulations for Water Service.

6.9.5 Onsite Irrigation Systems

For onsite irrigation systems, Mesa Water will focus its review on the identification requirements and any other specific items that are specified by these Rules and Regulations. The character and quality of the materials used for the irrigation system will be the responsibility of the design engineer or Applicant of the property.

The Contractor shall furnish Mesa Water with such information, as it may desire, regarding the character and quality of materials used. When requested by Mesa Water, the Contractor shall submit a certification that the product meets the requirements of these Rules and Regulations.

The onsite irrigation system shall be tested as required by the design engineer or landscape architect for the Applicant of the property and as is required by the local governing codes, rules, and regulations.

6.10 GENERAL TESTING

6.10.1 Offsite Facilities

Prior to final acceptance by Mesa Water, offsite water and Recycled Water Facilities that will ultimately be owned by Mesa Water shall pass testing requirements specified within the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. Testing shall be conducted in accordance with the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. The tests shall be conducted by the Contractor in the presence of the Mesa Water Inspector. The scheduling of these tests shall be the responsibility of the Contractor. The Contractor shall provide adequate resources.

Upon the successful completion of the required testing, Mesa Water shall perform the final inspection in accordance with the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. Identification requirements will be reviewed, and field inspected. Mesa Water will note any required corrections in the form of a punch list issued to the Contractor. Final acceptance of the Offsite Facilities will not be authorized until every correction is made to the satisfaction of Mesa Water.

6.10.2 Onsite Facilities

Prior to final acceptance by Mesa Water, Onsite Recycled Water and Potable Water Systems shall pass an operational test within 30 days of the completed irrigation system installation. The test shall be conducted by the Contractor in the presence of Mesa Water Inspector. The scheduling of these tests shall be the responsibility of the Contractor. The Contractor shall provide adequate resources.

Mesa Water shall note any required corrections in the form of a punch list issued to the Contractor. Regular service startup shall not be authorized until every correction is made to the satisfaction of Mesa Water. Punch list is valid for 30 days only.

6.11 TERMINATION

6.11.1 Basis for Termination of Water Service

In the event of contamination or pollution of its Potable Water System due to a cross-connection on premises to which Mesa Water's Water System is connected; the local health officer and Mesa Water shall be promptly advised by the person responsible for the premise Water System so that appropriate measures may be promptly taken to mitigate the contamination or pollution. When Mesa Water determines that Water uses or conditions encountered by Mesa Water employees represent a clear and immediate hazard to Mesa Water's Water supply that cannot be immediately abated, it shall institute the procedure for discontinuing Water use as set forth below. Conditions or Water uses

that create a basis for Water Service termination shall include, and are not limited to, the following:

- a. Refusal to install a required Backflow Prevention Assembly
- b. Refusal to test a Backflow Prevention Assembly
- c. Refusal to repair a faulty Backflow Prevention Assembly
- d. Refusal to replace a faulty Backflow Prevention Assembly
- e. Direct or indirect connection between Mesa Water's Water System and a sewer line
- f. Unprotected direct or indirect connection between Mesa Water's Water System and a system or equipment containing contaminants
- g. Unprotected direct or indirect connection between Mesa Water's Water System and an auxiliary Water System
- h. A situation that presents an immediate health hazard to Mesa Water's Water System
- i. Failure to comply with other provisions of these Rules and Regulations for Water Service

6.11.2 Termination Procedures

For conditions, a through d stated in Section 6.11.1, Mesa Water will terminate service to a Customer's premises after two written notices have been sent specifying the corrective action(s) needed and the time period in which it must be taken. If no action is taken within the allowed time period, Water Service may be immediately terminated without further notice.

For conditions, e through i stated in Section 6.11.1, Mesa Water will make a reasonable effort to advise the Customer of the intent to terminate Water Service before termination.

6.11.3 Restoration of Water Service

Water Service shall not be restored until every identified hazard is eliminated and any Violations have been corrected to the satisfaction of Mesa Water. Nor shall Water Service be restored until Mesa Water receives reimbursement for any costs incurred in terminating the Water Service and advance payment for the costs of restoring service. Such costs will be in accordance with the Fees specified in the Water Rate and Charge Schedule.

SECTION 7 – WATER USE EFFICIENCY AND WATER WASTE PROHIBITION

7.1 INTRODUCTION

Water using appliances, devices, and irrigation systems shall be designed, installed, and used in such a way as to use Water efficiently, and to meet or exceed Water efficiency requirements of any applicable local or State standards or law.

7.2 WATER USE EFFICIENCY PROGRAMS AND SERVICES

Mesa Water's Water Conservation Coordinator administers various programs and services to assist Customers in using Water efficiently in their homes, businesses, and landscapes.

Descriptions of these programs and services may be found on Mesa Water's website at www.MesaWater.org.

7.3 WATER CONSERVATION AND WATER SUPPLY EMERGENCY PROGRAM

Mesa Water has adopted a Permanent and Emergency Water Conservation Program that includes permanent Water-waste prohibitions, escalating water requirements to be implemented over Water supply shortage conditions, penalties and Violations, and other general provisions. The permanent Water-waste restrictions include primarily behavioral measures such as limiting irrigation times, prohibiting the washing of paved surfaces, and controlling excessive Runoff.

The Permanent and Emergency Water Conservation Program can be found on Mesa Water's website at www.MesaWater.org or upon request by calling 949.631.1200.

SECTION 8 – RECYCLED WATER SERVICE

8.1 INTRODUCTION

No further connections will be made to the existing system, nor will the existing system be extended. The provisions in the remainder of this section apply only to existing recycled water customers.

8.2 GENERAL PROVISIONS

8.2.1 Specific Authority

The Recycled Water User shall comply with these Rules and Regulations and every applicable federal, State and local governing codes, rules, or regulations, regardless if the above-mentioned section(s) specifically refer to Recycled Water or Recycled Water Service. Mesa Water reserves the right, at its discretion, to determine the applicability of a specific rule, regulation, or other provision.

8.2.2 Enforcement

Mesa Water shall enforce these Rules and Regulations in all matters concerning the use of any Recycled Water or Recycled Water Service within its service area. Each and every condition and requirement with respect to the use, connection, disconnection, reconnection or discontinuance of Recycled Water or Recycled Water Service provided by and set forth in these Rules and Regulations shall apply with equal force and effect to any person, persons, or firm, public or private. There shall be no deviation from these Rules and Regulations except upon authorization by the General Manager, who will act at all times within all appropriate regulatory agency constraints.

8.2.3 Amendments

These Rules and Regulations affecting Recycled Water Service (Sections) may be amended by Board action at any regular or special meeting without the approval of any user or Owner. Moreover, any amendments so made shall be incorporated immediately by these regulations and will be administered accordingly. These regulations are based upon portions of the California Code of Regulations, Title 17, and Title 22, to the extent such State regulations are amended, these Rules and Regulations shall be deemed to have been amended in a corresponding manner or form.

8.2.4 Federal, State and Local Authority

Onsite Facilities shall be designed to meet the standards of applicable federal, State, and local governing codes, rules, and regulations.

8.2.5 Precedence

These Rules and Regulations shall take precedence when requirements contained herein are more stringent than those specified in federal, State, or local governing codes, rules, and regulations.

8.2.6 Service Area

The regulations set forth in this Section 8 pertain to Recycled Water Service to lands or improvements within the legal boundaries of Mesa Water's service area unless otherwise stated. Legal boundaries include, and are not limited to, most of the City of Costa Mesa Water, parts of the City of Newport Beach and some unincorporated county area, including the John Wayne Airport area. Mesa Water's service area may be subject to future changes.

8.2.7 System Responsibility

Offsite Facilities within Mesa Water's service area are the responsibility of Mesa Water and shall be under the management and control of Mesa Water. Only Mesa Water and those authorized by Mesa Water shall have any right to operate the Offsite Facilities and related property in any manner. Mesa Water shall be responsible for the operation of the Offsite Facilities and distribution system within its service area and for the surveillance of Recycled Water Users within its service area. Mesa Water shall not be responsible for the quality assessment of Recycled Water as it relates to compliance with requirements of the Appropriate Regulatory Agencies.

8.2.8 Protection of Public Health

Mesa Water reserves the right to take any action(s) with respect to the operation of the Recycled Water System and to take such action(s) at such time as it deems proper to safeguard public health.

The Appropriate Regulatory Agencies have independent authority and responsibility to protect public health and may act at such time as deemed proper to safeguard public health.

8.2.9 Authorized Uses

Section 8 of these Rules and Regulations address the application of Recycled Water for irrigation and Construction Use. Other proposed uses will be reviewed on a case-by-case basis by Mesa Water and the Appropriate Regulatory Agencies. Mesa Water's approval of any proposed use will be contingent upon the proposed use being acceptable to the Appropriate Regulatory Agencies. Only those uses specified in the User Agreement or Water Service Agreement are uses authorized by these Rules and Regulations.

8.2.10 Approved Use Areas

These Rules and Regulations for Recycled Water pertain to Recycled Water Service to land or improvements, or both, lying within the boundaries of Mesa Water's service area and within the areas where Recycled Water Facilities are available. If Mesa Water has determined that Recycled Water shall be provided in accordance with the requirements contained in this Section, such service shall be provided only if a permit for such Recycled Water Service is obtained in the manner hereinafter provided.

The acceptable uses of Recycled Water for irrigations purposes include any of the following:

- Parks, greenbelts, and playgrounds
- School yards
- Athletic fields
- Golf courses
- Cemeteries
- Residential landscaping, common areas (individual owned residences are not eligible under the Orange County Water District Discharge Permit)
- Commercial landscaping, except eating areas
- Industrial landscaping, except eating areas
- Freeway, highway, and street landscaping
- Agricultural irrigation
- Firefighting (only with special approval)
- Construction Use (soil compaction, dust control, etc.)
- Groundwater recharge (case-by-case basis)

Each such use must be considered for approval by Mesa Water on a case-by-case basis, and Mesa Water may determine, in its sole discretion, whether it is feasible to furnish Recycled Water for the specific use involved. Prior to approving such uses, Mesa Water may, in its sole discretion, set forth specific requirements as conditions to provide such services or require specific prior approval from the Appropriate Regulatory Agencies. Only those areas specified in the User Agreement or Water Service Agreement are authorized areas for use of Recycled Water.

8.2.11 Design Approval

Prior to the construction of Onsite Facilities, in or on an Approved Use Area, that will use or receive Recycled Water; the design of such Onsite Facilities must be approved by Mesa Water. Approval shall be obtained only through the procedures contained in these Rules and Regulations. Approval shall be contingent upon evidence that applicable design requirements, including those contained within these Rules and Regulations, are satisfied.

8.2.12 Construction Inspection

Mesa Water or its authorized District Agents may inspect the construction of Onsite Facilities that will use or receive Recycled Water to verify that such facilities are constructed in conformance with the approved Drawings and these Rules and Regulations.

8.2.13 Service Approval

Before Mesa Water approves commencement of service for any facilities using Recycled Water, the Record Drawings of the facilities as constructed must be approved by Mesa Water. In addition, the system must have passed tests for Cross Connections and proper operation under design conditions, in accordance with these Rules and Regulations and the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities, to the satisfaction of Mesa Water.

8.2.14 Service Conditions

Mesa Water reserves the right to control and schedule the use of Recycled Water if, in the opinion of the General Manager, control and scheduling are necessary to maintain acceptable working conditions in the Offsite System. These and other service conditions contained in Section 8 of these Rules and Regulations will be administered by Mesa Water at its discretion.

8.2.15 Return to Potable Water Service

Every existing recycled water connection may be returned to potable water service. Capacity charges for same-size connections will be waived. Return to potable service will require installation of an approved cross connection control device.

8.2.16 Rates, Fees, and Deposit Schedule

Rates, Fees, and Deposits regarding Recycled Water Service and respective administrative provisions shall be fixed and established by the Board. Costs will be in accordance with the Fees specified in the Water Rate and Charge Schedule.

8.2.17 Mesa Water Limits of Responsibility and Liability

Mesa Water assumes no responsibility for maintenance or operation of any Onsite Recycled Water System. Pursuant to the terms, which shall be set forth in User Agreements or Water Service Agreements, the Owner shall assume liability and responsibility and Mesa Water shall be kept whole and blameless in any claim resulting from matters involving quantities, quality, time, occasion of delivery, or any other phase of maintenance, operation, and service of the Owner's Onsite Facilities.

Mesa Water will not turn on Recycled Water at any property unless the designated User Supervisor is onsite and available at the time.

Mesa Water does not, and will not, assume any liability for damages to private property or for personal injury as a result of interruptions in Recycled Water Service provided pursuant to these Rules and Regulations for reasons Mesa Water deems an emergency or a matter of public health and safety. In addition, Mesa Water does not, and will not, assume any liability for damages to private property or for personal injury as a result of interruptions in Recycled Water Service provided pursuant to these Rules and Regulations for reasons that are beyond its control.

8.2.18 Surveillance

It is the responsibility of the user to provide surveillance and supervision of the Onsite Facilities in a manner that assures compliance with these Rules and Regulations. A User Supervisor shall be designated by the user and shall be approved by Mesa Water. Mesa Water shall provide surveillance and supervision of the Offsite Facilities for compliance with these Rules and Regulations. Moreover, Mesa Water shall, and reserves the right to, inspect on a regular basis the Onsite System and operations for conformance with these Rules and Regulations.

8.2.19 Contingency Reservations

If real or potential hazards are evidenced at any time during the construction or operation of any portion of the Recycled Water System or Onsite Facilities, Mesa Water reserves the right, and shall have the authority to, terminate Recycled Water Service without notice to the user in the interest of protecting public health.

8.2.20 Specific Prohibitions

The following conditions are specifically prohibited. Should any such conditions occur at or on a location, Recycled Water Service may be terminated by Mesa Water in accordance with Section 2.4.

8.2.20.1 Runoff Conditions

Conditions that directly or indirectly cause Recycled Water Runoff outside of/within the Approved Use Area, whether by design, construction practice, or system operation, shall be minimized. The use of Recycled Water on Water-saturated or frozen ground or during periods of precipitation such that Runoff is induced, is prohibited.

8.2.20.2 Ponding Conditions

Conditions that directly or indirectly cause a Ponding condition outside of or within the Approved Use Area, whether by design, construction practice, or system operation, shall be minimized. Temporary Ponding in a vegetated area caused by draining of system or meter testing is allowed in specified areas with prior Mesa Water approval.

8.2.20.3 Direct Overspray Conditions

Any discharge of Recycled Water directly onto areas other than that within the Approved Use Area is strictly prohibited.

8.2.20.4 Windblown Overspray Conditions

Conditions that directly or indirectly permit windblown Recycled Water spray to pass outside of the Approved Use Area, whether by design, construction practice, or system operation, shall be minimized.

8.2.20.5 Unapproved Uses

Use of Recycled Water for any purposes other than those explicitly approved in the currently effective User Agreement or Water Service Agreement without prior knowledge and written approval of Mesa Water is strictly prohibited.

8.2.20.6 Disposal in Unapproved Areas

Disposal of Recycled Water for any purposes, including Approved Uses, in areas other than those explicitly approved in the User Agreement or Water Service Agreement issued by Mesa Water and without the prior knowledge and approval of Mesa Water, and is strictly prohibited. The discharge of Recycled Water from flushing or draining of the recycled system shall be done either at the Approved Use site and in a manner that does not create Ponding or Runoff conditions, (See Section 8.2.19.2. "Ponding Conditions" for special considerations) or to a sanitary sewer manhole with the approval of the agency responsible for operation of such sanitary sewer. In no case shall the discharge of Recycled Water to a sanitary sewer cause the sewer to overflow or otherwise create a public health hazard or nuisance. Air gap protocol shall be applied.

The direct or indirect discharge from Approved Use Areas of Recycled Water to surface waters, either perennial or ephemeral, including wetlands, vernal pools, etc. is prohibited, unless otherwise authorized by an NPDES Permit.

8.2.20.7 Cross Connections

Cross connections between the Recycled Water System and the Potable Water System, whether by design, construction practices, or system operation is strictly prohibited.

8.2.20.8 Unprotected Drinking Fountains

Every drinking fountain located within the Approved Use Area, as designated in the currently effective User Agreement or Water Service Agreement, shall be protected from contact with Recycled Water, whether by Windblown Spray or by direct application through irrigation or other Approved Use. The lack of such protection, whether by design, construction practice, or system operation, is strictly prohibited.

8.2.20.9 Unprotected Public Facilities

Facilities that may be used by the General Public, or onsite staff, including, and not limited, to eating areas, eating surfaces/benches, pools, spas, hardscape, and playground equipment/play areas, and located within the Approved Use Area designated by the User Agreement or Water Service Agreement, shall be protected by siting or a structure from contact with mist, Runoff, or direct contact with Recycled Water. Lack of such protection is prohibited until review and concurrence by Mesa Water and regulatory agencies on a case-by-case basis.

8.2.20.10 Hose Bibs

Installation of Hose Bibs on any Onsite System that presently operates or is designed to operate with Recycled Water, regardless of the Hose Bib construction or identification, is strictly prohibited unless the Customer is a cemetery or an industrial facility with minimal public access or exposure.

8.2.20.11 Fire Hydrants

The use or installation of fire hydrants on any Onsite System that presently operates or is designed to operate with Recycled Water, regardless of the fire hydrant construction or identification, is strictly prohibited.

8.2.20.12 Domestic Wells

The application of Recycled Water within fifty feet of a domestic well, and impoundment of Recycled Water within 100 feet of a domestic well, unless approved by Mesa Water and DDW, is prohibited.

8.2.20.13 Hours of Operation

Irrigation with Recycled Water is restricted to particular hours that vary for the following Approved Use Areas:

- Turf areas and center street medians – between 10:00 p.m. and 6:00 a.m.

- Slopes and groundcover/shrub areas – any hour (if no potential for public contact)
- Golf courses – between 9:00 p.m. and 5:00 a.m.
- Golf courses – fill impoundments - between 5:00 a.m. and 6:00 p.m.

Potential public contact with Recycled Water shall take precedence over recycled watering schedules. Irrigation system runtimes shall be adjusted to minimize public contact with Recycled Water, on an individual lateral system basis. Mesa Water shall require specific run times and durations where there is a history of public contact. Consideration shall also be given to allow maximum drying time prior to subsequent public use.

8.2.20.14 Water/Garden Hoses and Hose Appurtenances

Water/garden hoses and hose appurtenances using Recycled Water shall be purple in color with heavy-duty brass fittings. Hoses shall be continuously imprinted with "Caution; Recycled/reclaimed Water – Do Not Drink" and rated at 150 psi working pressure. Hoses shall only be used for Recycled Water use. Use of such hoses for Potable Water use is strictly prohibited.

8.2.20.15 Recycled Water Impoundments

Recycled Water impoundments shall be adequately protected from erosion, washout, and flooding such that no discharge occurs unless the discharge is a result of a 25-year, 24-hour storm event or greater.

Any storage facility or impoundment containing Recycled Water for reuse applications shall be managed in a manner to control odors, nuisance conditions or vectors such as mosquitoes. Should such problems develop, a management plan shall be devised and implemented to monitor, correct, and control future occurrences.

8.3 REQUIREMENTS FOR DESIGN AND OPERATION

8.3.1 Design Requirements

Design of Onsite Systems shall be performed by the Owner and such design plans shall be in conformance with the applicable portions of the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities and AWWA Guidelines except as herein modified.

8.3.1.1 Design Responsibility

The design of an Onsite System that will use Recycled Water, including the preparation of plans and construction specifications, shall be the responsibility of the Customer of Record. Onsite Facilities, in addition to conforming to these Rules and Regulations, shall conform to applicable local governing codes, rules and regulations. Mesa Water shall have authority over materials, equipment, design, and construction methods used for Onsite Facilities.

8.3.1.2 Point of Connection for Service

Mesa Water will establish the Point of Connection for each Recycled Water Service. The user shall be responsible for extending the Onsite service line to the established Point of Connection and the user will be responsible for costs associated with extending the Offsite Facilities to the user's Recycled Water site.

8.3.1.3 Piping

Onsite System piping used in conveying Recycled Water shall be of adequate size and structural integrity to ensure that leaks or ruptures will not occur. Lines crossing roadways or other areas receiving regular vehicular traffic must be buried to a depth of at least 24 inches and sleeved. Rigid pipe, able to withstand the planned vehicle loads, shall be used for such installations.

8.3.1.4 Irrigation System Layout

Each Recycled Water irrigation system shall be designed based on peak-application rate requirements to prevent discharge onto areas outside of the Approved Use Areas. Adjustable arc, adjustable radius sprinklers with anti-drain/check valves shall be used adjacent to roadways, boundary lines, and hardscape to confine the discharge from the irrigation system to the Approved Use Area(s). A drainage device under control of the Owner shall be installed at the toe of slope draining to single-family residential lots. Drainage devices must stand-alone; slope drainage devices and shall not be tied into any other drainage systems, e.g., private systems for single-family lots.

The Onsite irrigation system shall be required to automatically shut off in the event of a line break. Use all available equipment to prevent unauthorized discharge of Recycled Water.

The irrigation system design shall avoid spray patterns that include obstructions that tend to concentrate Recycled Water to produce Ponding or Runoff, such as direct or indirect spraying against structures or objects.

No common trenching with other utilities of any kind is permitted.

Mesa Water reserves the right to limit the area of land under one ownership or homeowner's association to be supplied by one Recycled Water Service Connection and corresponding meter. A Recycled Water Service Connection and its corresponding meter shall not be used to supply adjoining property of a different Owner, without the prior approval in writing from Mesa Water stating conditions and restrictions, such as easements or Memorandum of Understanding.

Irrigation systems where the landscaping around the homes and in common areas is served with one meter and owned by the same Customer, (e.g., a homeowner's association), may be allowed to cross roads, streets, or other public rights-of-way within the Customer's property.

When a property provided with a Recycled Water connection and corresponding meter is subdivided, such connection and meter shall be considered as serving the lot or parcel of land on which the meter is located. Additional Recycled Water Mains or Recycled Water Service lines shall be required for subdivided areas in accordance with these Rules and Regulations.

For properties of the same Customer, irrigation systems shall be allowed to cross roads, streets, or other public rights-of-way to serve medians and slopes along streets. Recycled Water meters shall be located in the public right of way.

Recycled Water used on any property must pass through the corresponding water meter. Customers shall be held responsible and charged for Recycled Water passing through the Water meter(s).

8.3.1.5 Storage Facilities

Onsite storage tanks used in storing Recycled Water shall be of adequate design and structural integrity to ensure that leaks or ruptures will not occur during normal use. Storage tanks less than eight feet in elevation above ground level shall be contained within a fence or other enclosure that will restrict access by the General Public to these facilities at times. Outlet control with positive shut-off shall be provided at each storage facility. Storage facilities shall comply with posting and identification regulations contained in Section 8.4.7.

8.3.1.6 Distribution Vehicles

Vehicles used for distributing Recycled Water for soil compaction and dust control purposes shall be provided with an adequate tank and plumbing systems to ensure that leaks and ruptures will not occur during normal use. Control valves shall be provided such that Recycled Water can be applied in a controlled fashion on the Approved Use Area and

completely retained during transit to other areas. Spray heads or nozzles shall be provided and configured in such a way that the Recycled Water is uniformly applied, and Runoff, Ponding or Windblown Spray conditions prevented. Each tank shall be equipped with an approved Air-Gap Separation. Vehicles used for distributing Recycled Water shall comply with posting and identification Regulations contained in Section 8.4.7.

8.3.1.7 Temporary Connections to Potable Water System

In those areas where Recycled Water is not immediately available for use and an approved Onsite Recycled Water System has been constructed, a temporary connection to Mesa Water's Potable Water System may be allowed with written approval by the General Manager. Mesa Water shall be solely responsible for making any connections to the Potable Water System. Temporary connections to Mesa Water's Potable Water System shall conform to every requirement specified within its Cross Connection and Backflow Prevention Rules and Regulations.

At the time when Mesa Water determines that Recycled Water is available, Mesa Water shall notify any user with a temporary Potable Water connection of the availability of Recycled Water and schedule a mutually acceptable time for making the conversion to Recycled Water. Mesa Water will establish Point of Connection to the Offsite Facilities.

8.3.2 Operational Requirements

8.3.2.1 Supervision

The operation and surveillance of Onsite Systems shall be under the management of the User Supervisor designated by the user and approved by Mesa Water. This User Supervisor, or their representative, shall be available during business hours at an address listed with Mesa Water for the purpose of hosting an inspection tour or for discussing operational aspects of the Onsite System. The User Supervisor, or representative, shall be available via telephone (at a number listed with Mesa Water) for emergency off-hours contact. It is a requirement of Mesa Water that the User Supervisor and their representative can adequately communicate with employees in the English language.

8.3.2.2 Employee Training

It shall be the responsibility of the user to ensure that Operations staff are trained in and familiarized with the use of Recycled Water and are familiar with these Rules and Regulations and the requirements of the Appropriate Regulatory Agencies concerning the use of Recycled Water. The user shall attest, by way of the User Agreement or Water Service Agreement, that such training shall be provided to existing employees and to every new employee. In addition, the user shall provide Mesa Water with written confirmation stating what training was provided to the Operations staff, who received the training, and on what date the training was provided. A copy of these Rules and

Regulations shall be maintained at the user's site and made available to every person connected with operating the system and to any Mesa Water employee upon request.

8.3.2.3 Onsite Information

The user shall be responsible for furnishing the Water Operations staff with comprehensive system operating instructions, maintenance instructions, and Record Drawings to ensure proper operation in accordance with the system design and these Rules and Regulations. At least one complete set of this information shall be kept onsite or in the nearest field office or maintenance building established by the user. The user shall have the responsibility of properly disseminating this information to appropriate Water Operations staff. The user shall provide Mesa Water with written confirmation stating what information was provided to the Water Operations staff, to whom the information was given and on what date the information was provided.

8.3.2.4 Onsite Inspection

Inspection of the Onsite System may occur at any time without prior notice by Mesa Water, a District Agent, and various Appropriate Regulatory Agencies. The user and Water Operations staff shall cooperate with Inspectors and assist in the performance of operational tests as requested.

8.3.2.5 Confinement of Irrigation

Any onsite irrigation system shall be operated to prevent discharge onto areas that are not approved for use. Overspray resulting from attempts to reach remote portions of the Approved Use Area shall not be practiced. This situation shall be rectified by appropriate design corrections to the system layout.

8.3.2.6 Construction Use

Recycled Water used for the purpose of soil compaction and dust control shall not be stored or applied in a manner that causes Runoff, Ponding, windblown overspray conditions, or discharge in any way onto unapproved areas. If such conditions occur, the method of application shall be altered to correct them and prevent any further Ponding, Runoff, or Windblown Spray onto unapproved areas. Control valves on the Water distribution vehicles and other controlling devices shall be properly employed to prevent the application of Recycled Water outside the Approved Use Area onto surfaces including, and not limited to, street pavements, sidewalks, and drainage courses.

8.3.2.7 Maintenance

A written preventative maintenance program and schedule designed to ensure the continued operation of Onsite System elements within the requirements of these Rules

and Regulations shall be evidenced by the user and shall be open to inspection by Mesa Water at any time.

8.3.2.8 Reuse of Recycled Water Equipment

Any equipment, such as tanks, Water trucks, temporary piping or valves and portable pumps that have been used for Recycled Water purposes shall be drained, cleaned, and disinfected before removal from the Approved Use area to another job site. This disinfection and cleaning shall ensure the protection of the public health in the event of any reuse of such equipment with higher quality Water.

Methods of disinfection shall be approved by Mesa Water or the appropriate regulatory agency, and the disinfection process shall be performed in Mesa Water employee's presence. When storage tanks or distribution vehicle tanks are provided with an inlet air gap whose configuration is approved by the DDW and OCHCA, such Onsite disinfection shall not be required.

8.3.3 Submittals and Records

Facility layout Drawings shall be submitted as specified within these Rules and Regulations by the Customer and approved by Mesa Water prior to commencing any installation of Recycled Water Facilities. The Drawings shall be signed by the Design Consultant and shall include the construction of the use area, and the onsite irrigation system, as a minimum. A materials list shall also be submitted to Mesa Water, and it shall include the following:

- Offsite or Onsite Distribution Facilities – The manufacturer, diameter, approximate length, and construction material of offsite or onsite distribution Recycled Water Mains (pressurized).
- Onsite Storage Facilities – The estimated number and locations of fixed storage tanks or ponds and the approximate volume of each.
- Recycled Water Volume – The maximum and average amounts in gpm that will be drawn from Mesa Water Recycled Water distribution system, and the hours of operation.

Applicants that propose to use Recycled Water for industrial applications or for other special uses may be required to supply additional information, on a case-by-case basis.

8.3.3.1 Preliminary Investigation

The Applicant shall meet with Mesa Water at the earliest possible date to determine whether the Design Area is within Mesa Water's service area. At this time, the availability of Recycled Water and the proximity of the site to the Offsite Facilities will be reviewed. Feasibility acceptance by Mesa Water must be obtained before an Application for Recycled

Water Service will be accepted.

8.3.3.2 Comprehensive Investigation (Retrofitting Only)

Upon accepting an Application for Recycled Water Service that involves retrofitting, Mesa Water may conduct a comprehensive investigation of the existing facilities. The Applicant shall cooperate with Mesa Water in its efforts to: (i) obtain required information; (ii) review existing documents; and (iii) inspect the existing facilities.

8.3.3.3 System Design Documents

The following information briefly outlines what shall be submitted to, and approved by, Mesa Water prior to the commencement of any construction. Refer to the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities for a complete list of requirements for design document submittals:

Drawing and Specifications –

Drawing and specifications for the construction of an Onsite System with Offsite Facilities are located in the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. Drawings and Specifications shall be submitted to Mesa Water for review and approval with associated Deposits and Fees outlined in the Water Rate and Charge Schedule. As part of such submittal, a construction cost estimate for the subject facilities shall be provided.

Meter Criteria –

The following information shall be provided, both on the Drawings and as a separate cost submittal:

- Existing meter sizes (inches)
- Proposed Recycled Water meter size (inches)
- Gross area to be served through the Recycled Water meter (square feet or acres)
- Peak flow through the Recycled Water meter (gpm) along with supporting calculations
- Estimate of the yearly Water requirements through the Recycled Water meter (acre-feet)
- Time of day when Recycled Water would normally be taken

Dimensioning – dimensions shall be taken from two permanent points of reference.

Call-Outs –

Backflow Prevention Assemblies, Potable Water lines, exterior drinking fountains and other public facilities in the Design Area shall be shown and called out on the Drawings.

If no Backflow Prevention Assemblies, Potable Water lines, exterior drinking fountains or other public facilities are present in the Design Area, it shall be specifically stated on Drawings that none exists.

Standard Water Construction Notes for Recycled Water -

The standard notes for Recycled Water listed in the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities shall be listed on Drawings.

It shall be the responsibility of the Applicant to submit the Drawings and specifications as approved by Mesa Water to any agency having jurisdiction over such projects for their review, and to obtain required permits prior to construction. Any costs associated with such submittals shall be borne by the Applicant.

8.3.3.4 Record Drawings

Record Drawings shall be submitted by the Applicant and approved by Mesa Water prior to the installation of Water meter(s) or the commencement of Recycled Water Service.

All changes in the work constituting departures from the original design Drawings, including changes in both pressure and gravity lines shall be accurately recorded on one reproducible set of design Drawings, which shall become the Record Drawings. The changes and dimensions shall be recorded in a legible manner to the satisfaction of Mesa Water. One complete set shall be maintained on the site.

Specific Call-Outs –

The locations and depths of the following items shall be shown:

- Points of connection
- Points of line severing
- Routing of sprinkler pressure lines
- Gate valves
- Sprinkler control valves
- Quick coupling valves
- Routing of control wires
- Control stations
- Backflow Prevention Assemblies, including type of such assembly(ies)

8.3.4 Cross Connection Control Requirements

The following requirements apply to user sites where Recycled Water is stored, conveyed, or applied in any manner.

8.3.4.1 Protection at Potable Water Service Connection

An approved Air–Gap Separation shall be required on the user's Potable Water line at a location that is as close as practical to the Service Connection with Mesa Water's Potable Water System. An approved Reduced Pressure Principle Backflow Prevention Assembly may be provided in lieu of an Air–Gap Separation if approved by Mesa Water and the Appropriate Regulatory Agencies.

8.3.4.2 Protection Within Onsite Potable Water System

Approved Backflow Prevention Assemblies, as required by the Appropriate Regulatory Agencies, shall be installed by the user at specified locations in the user's Onsite Potable Water System.

8.3.4.3 Inspection of Onsite Facilities

Mesa Water or Appropriate Regulatory Agencies may, at their discretion, require an inspection of the user's Onsite Facilities for Cross Connection hazards. The Customer of Record shall cooperate with Mesa Water or Appropriate Regulatory Agencies in requests for information.

8.3.4.4 Mesa Water's Cross Connection and Backflow Prevention Regulations for Recycled Water

In addition to the requirements contained in Sections 8.3.4.1 through 8.3.4.3, requirements specified in Section 6 of these Rules and Regulations shall be adhered to by the user at the user's expense.

8.4 CONSTRUCTION REQUIREMENTS

8.4.1 General Requirements

Construction of Onsite Recycled Water Systems shall be in conformance with the applicable portions of the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities except as herein modified.

8.4.2 Areas of Responsibility

All Recycled Water meters and Customer Control Valves shall be provided and installed by Mesa Water at the expense of the Applicant. The cost of installing the meters must be paid by the Applicant before any meters will be installed. The responsibility for providing a Backflow Prevention Assembly at the Potable Water Service Connection shall be determined by Mesa Water at the time an application for Recycled Water is filed. The Applicant shall be responsible for constructing and maintaining Onsite Recycled Water

Facilities downstream of the established Point of Connection, and for testing and maintaining any Backflow Prevention Assemblies.

The Contractor shall keep fully informed of laws, ordinances, and regulations that in any manner affect those engaged or employed in the work or the materials used in the work, or that in any way affect the conduct of the work, and of such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. If any discrepancy or inconsistency is discovered in the plans, Drawings, specifications, or other documents in relation to any such law, ordinance, regulations, order, or decree, the Contractor shall forthwith report the same to the Design Consultant and Mesa Water in writing.

The Contractor shall observe and comply with and shall cause each of the Contractor's employees to observe and comply with such existing and future laws, ordinances, resolutions, regulations, orders and decrees, and shall protect and indemnify Mesa Water, Orange County Water District, SARWQCB, DDW, OCHCA, and their officers and Agents against any claim or liability arising from or based on the Violation of any such law, ordinance, regulation, order or decree, whether by the Contractor or Contractor's employees.

The Contractor shall also indemnify and save Mesa Water, its officers, its employees, or authorized District Agents harmless from costs, losses, expenses, damages, attorneys' Fees, and other costs of defense that Mesa Water may incur with respect to or on account of the work, and with respect to the failure, neglect, or refusal of Contractor to faithfully perform the work and of Contractor's obligations under the contract. Such costs, expenses, and damages shall include costs incurred by Mesa Water to defend against any claims, stop notices or lawsuits based thereon in which it is made a party.

The Contractor shall observe the rules and regulations of the State Department of Industrial Relations, Division of Industrial Safety, and, in particular, rules and regulations relating to shoring of trenches and excavations. Work shall be done in accordance with directives, provisions and requirements pertaining to the method and manner of performing the work, in accordance with CAL-OSHA's latest amendment or revision.

The Contractor shall provide a job foreman present during business hours that can communicate with Mesa Water employees both orally and in writing.

8.4.3 Specific Requirements

8.4.3.1 Connections to Existing Mesa Water Facilities

The Applicant shall not make a connection to existing Mesa Water facilities or interrupt Recycled Water Service in any portion of Mesa Water's service area unless it has been approved by Mesa Water. If it becomes necessary to interrupt service to an existing system, this interruption shall be done at a time determined by Mesa Water, under its

direction and inspection.

8.4.3.2 Inspection Authority

Mesa Water, those authorized by Mesa Water, and various Appropriate Regulatory Agencies shall have access to all the onsite work during construction and shall be provided with such information as it may desire regarding location of facilities, the progress, workmanship, and character of materials used in the work.

Mesa Water shall have the authority to notify the Customer of an apparent failure on the part of the Contractor to carry out orders given or to perform any provisions of the approved plans or specifications. Upon its confirmation of the apparent failure, the Customer shall be obligated to require the Contractor to suspend the work wholly or in part. The Contractor shall immediately comply with the written order of Mesa Water to suspend the work wholly or in part. Dependent on the nature of the non-compliance, it may require immediate action by the Contractor via verbal order with a written order following. The work shall be resumed when methods or defective work are corrected as ordered and approved in writing by Mesa Water. Failure to comply with requests of Mesa Water will prevent further work, may result in termination of Potable Water and Recycled Water, and may prevent or delay the final release of the entire project.

8.4.4 Material of Construction

The following information briefly outlines the materials of construction that will be approved by Mesa Water and other appropriate Regulating Agencies prior to the commencing of any construction. Refer to the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities for a complete list of requirements for Materials of Construction.

8.4.4.1 Valves

Quick coupling valves may be required to be removed if they are used in a manner contrary to these Rules and Regulations or are located in an area that encourages unauthorized use. The manner of removal shall be subject to approval by Mesa Water. Quick coupling valves shall conform to the following:

- Rating – Quick coupling valves for Recycled Water shall be $\frac{3}{4}$ -inch or one-inch nominal size with brass construction, acme thread body and key, and a normal working pressure of 125 psi. Quick coupling valves for Recycled Water shall be of a design that prevents the quick coupler key (spike) from being used in Potable Water or Non-Potable Water quick couplers.
- Key – Quick coupling valves shall be operated with a special coupler key with an Acme thread for opening and closing the valve. This provision may be modified by Mesa Water in those cases where an existing Onsite Potable Water System is

currently equipped with quick coupling valves that are operated with an Acme threaded key.

- Identification – Quick coupling valves shall be tagged for identification. Tagging shall be to the satisfaction of Mesa Water and Appropriate Regulatory Agencies.
- Cover – The cover shall be permanently attached to the quick coupling valve. It shall be purple in color and made of rubber or vinyl with the following information stamped or molded on the cover: "Recycled Water" in English and Spanish; "Do Not Drink" in English and Spanish; or the international "Do Not Drink" symbol (a glass of Water in a circle with a slash through it), and a locking cover.

Recycled Water valves shall be in serviceable condition and free from leaks and structural faults. Underground gate valves 3 inches and smaller may be furnished with either operating nuts or handwheels.

8.4.4.2 Valve Boxes

New valve boxes (gate valves, manual control valves or electrical control valves) on the recycled Water irrigation system shall be purple (Pantone 512) and have the words "Recycled Water" in white letters on top.

8.4.4.3 Piping

New buried onsite constant pressure Recycled Water irrigation piping shall be marked as follows: PVC Pipe must be purple-colored PVC pipe with continuous wording "Caution – Recycled Water – Do Not Drink" printed on opposite sides of the pipe. The use of continuous lettering on 3-inch minimum width of purple tape with 1 inch black or white contrasting lettering bearing the continuous wording "Caution – Recycled Water – Do Not Drink" permanently affixed at 5-foot intervals atop all horizontal piping, laterals and Mains is an acceptable alternative to purple pipe.

New Recycled Water piping above ground or in vaults, including adapters and fittings, shall be painted purple in color (Color Code Pantone 512). Black or white stenciling shall appear on both sides of the pipe with the marking "Caution – Recycled Water" in 5/8-inch letters repeated every 3 feet.

8.4.4.4 Storage Tanks

Storage tanks used for Recycled Water, whether fixed or mounted on distribution vehicles, shall be structurally sound and free from leaks.

8.4.5 Construction Notification

The Applicant shall give Mesa Water at least two Business Days' notice before starting the Onsite Recycled Water System construction work.

8.4.6 Final Inspection and Testing

8.4.6.1 Final Inspection

Following completion of construction work, and upon receiving Mesa Water's approval of Record Drawings, the Applicant shall request final inspection of the work. This request shall include scheduling of a Cross Connection control test and an operational test. The tests shall be scheduled in coordination with and in the presence of Mesa Water and representatives of the various Appropriate Regulatory Agencies to verify such testing.

8.4.6.1.1 Cross Connection Control Testing

A Cross Connection control test shall be conducted on both the Onsite Potable Water and the Onsite Recycled Water Systems. The test shall be conducted in the following manner:

- The activated and pressurized Recycled Water System shall be shut down at or near the Point of Connection. After shutting the Recycled Water System down, every outlet of the Recycled Water System shall be opened. Flow from any Recycled Water System outlet shall be deemed to indicate a Cross Connection condition. (Note: Initial flows that result from the system's depressurization can be ignored for purposes of this test.) After conducting this test of the Recycled Water System, the Potable Water System shall be tested by opening every Potable Water outlet. A no-flow result from any Potable Water outlet shall be deemed to indicate a Cross Connection condition.
- Recharge Recycled Water System, then the activated and pressurized Potable Water System shall be shut down at the Backflow Prevention Assembly. After shutting the Potable Water System down, every outlet of the Potable Water System shall be opened. Flow from any Potable Water outlet shall be deemed to indicate a Cross Connection condition. (Note: Initial flows that result from the system's depressurization can be ignored for purposes of this test.) After conducting this test of the Potable Water System, the Recycled Water System shall be tested by opening every Recycled Water outlet. A no-flow result from any Recycled Water outlet shall be deemed to indicate a Cross Connection condition.

8.4.6.1.2 Operational Testing

Prior to final acceptance by Mesa Water, Onsite Recycled Water Systems shall be required to successfully pass an operational test. Any required corrections shall be noted and submitted to the Applicant by Mesa Water. Regular service start-up shall not be authorized until corrections are made to the satisfaction of Mesa Water.

8.4.7 Posting and Identification

Posting and Identification requirements for the design and construction of an Onsite

System with Onsite and Offsite facilities are located in the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. Proposed posting and identification shall be submitted within the design and specifications to Mesa Water for review and approval with associated Deposits and Fees outlined in the Water Rate and Charge Schedule

8.4.7.1 Posting of Approved Use Areas

Recycled Water identification signs shall be made of 1/16-inch-thick, minimum; aluminum and its size shall be 18 inches wide by 12 inches high, minimum. The signage size and wording shall be approved by the City and the site Owner. At a minimum, the wording shall include "Recycled Water – Do Not Drink" and display the international symbol shown on Figure 30610-A in Title 22 of the California Code of Regulations. Submit the final verbiage including colors to the City for review and approval prior to ordering the identification signs. The location of the sign placement shall be determined in the field by the City and the site Owner. An example of an approved sign is Christy's Part Number ID-Sign REC1218. Other wordings may be used with approval of Mesa Water and the Appropriate Regulatory Agencies.

8.4.7.2 Recycled Water Pipe Identification

8.4.7.2.1 Buried Recycled Water Pipe

The following pipe identification requirements and options shall be applied to new Recycled Water Systems that are to be constructed, and applied to retrofitted Recycled Water Systems whenever buried pipe is replaced.

- Purple Pipe – For buried offsite Recycled Water pipelines (PVC, ductile iron pipe or copper) and any onsite Recycled Water pipelines that cross public streets, the pipelines shall have Purple Colored warning tape, minimum of 12 inches wide, placed in the trench 12 inches above the pipe with the wording, "CAUTION: RECYCLED WATER LINE BURIED BELOW". This requirement is to provide additional warning for any excavation activities within the public streets to reduce the potential for damaging the Recycled Water pipeline.
- Warning Tape – The plastic identification (warning) tape shall be virgin low-density polyethylene specifically formulated for prolonged underground use. The minimum thickness shall be 4 mils and the overall width of the tape shall be 12 inches for 8 inch or larger diameter pipe and 6 inches for 6 inch and smaller diameter pipe.
- Identification /Warning Tags – Identification /warning tags shall be inert plastic film or polyurethane specifically formulated for prolonged exposure. The identification /warning tag shall incorporate an integral attachment neck and reinforced attachment hole. The size of the tag shall be 3 by 4 inches with a minimum thickness of 10 mils. Identification /warning tags shall be attached with heavy-duty nylon fasteners. The size, type of label and location will be dictated by

each individual application and subject to acceptance by the City's representative. The minimum size shall be ½-inch letters. Tags shall be manufactured by T. Christy Enterprise (ID-Max-P2-RC009 for Recycled Water (purple) or ID-Max-B2-PW015 for Potable Water (blue) or ID-Max-Y2-NP012 for Non-Potable Water (yellow)) or approved equal. T. Christy Enterprises, Inc. is located at 655 E. Ball Road, Anaheim, CA 92805 (phone: 714.507.3300).

- Warning Labels – Warning labels shall be a minimum of 3.5 mil flexible vinyl base with a permanent acrylic adhesive backing on a 90# stayflat liner. Both the background and legend shall be printed with a UV cured vinyl ink. The entire decal shall be clear flood over-printed for superior weathering and UV protection. The size shall be 3.5 inch by 4.4 inch for controllers, 2.5 inch by 8.25 inch for pumping equipment, and 1.25 inch by 5.75 inch for Potable Water decals. The controller warning label shall be manufactured by T. Christy Enterprise (Christy's Part No. 4100) or approved equal. The pumping equipment warning label shall be manufactured by T. Christy Enterprise (Christy's Part No. 4200) or approved equal. The Potable Water decals shall be manufactured by T. Christy Enterprise (Christy's Part No. 4300) or approved equal.

8.4.7.2.2 Above Ground Recycled Water Pipe

The following identification requirements shall be applied to Recycled Water Systems.

- Purple Pipe – Such piping, including adapters and fittings, shall be purple in color. Black or white stenciling shall appear on both sides of the pipe with the marking "CAUTION - RECYCLED WATER" in 5/8-inch letters repeated every 3 feet. Mesa Water must review and approve any proposal that calls for above ground Recycled Water pipe to be painted as a means for complying with the color requirement. Other proposed methods for identifying above ground pipe must be reviewed and approved by Mesa Water on a case-by-case basis.
- Sprinkler Labeling/Tags – For sprinkler risers located on slopes or in the vicinity of adjacent properties, the risers shall be installed with either sprinkler warning labels/warning tags or riser markers as is appropriate for each situation. The riser markers shall be Christy's Model #5100 for Recycled Water applications, and Christy's Model #5200 for Non-Potable Water applications, or approved equal.

8.4.7.3 Valve Identification

All remote-control valves, gate valves, quick coupling, drip valve assemblies, flush valve assemblies, manual drain valves, and pressure relief valves shall be installed in suitable valve boxes, complete with locking and hinged cover, or other approved secure enclosure. Recycled Water valve boxes and covers must be colored purple and have Recycled Water identification imprinted. Valve box covers shall be bolted down with stainless steel bolts and washers.

8.4.7.4 Storage Tank Identification

Each and every storage tank shall be identified by a painted label as containing Recycled Water. The label shall contain the words "DO NO DRINK - RECYCLED WATER" with white letters at least 2 inches high on a purple background. In addition, at least one sign shall be posted on the fence surrounding each storage tank. The label and sign shall be so placed that they can be readily seen by Water Operations staff using the facilities.

8.4.7.5 Vehicle Identification

Each and every vehicle used to distribute Recycled Water shall be identified by painted labels or signs as using Recycled Water. The label shall contain the words "DO NOT DRINK - RECYCLED WATER" with white letters on a purple background. The label shall be placed on the driver's side of the vehicle on the tank at a spot close to the cab. The labels or signs shall be so placed that they can be readily seen by Operations staff using the vehicles.

8.5 PROCEDURES FOR ADMINISTRATION

8.5.1 Obtaining Service

The following interactions between Mesa Water and the Applicant are required for the administration of a Recycled Water Service.

8.5.1.1 Application Submittal

An application form for Recycled Water Service, in the form supplied by Mesa Water, shall be completed and signed by the Applicant, who may be the Owner or authorized representative. The Application shall request information concerning the Applicant's relationship to the subject property as legal Owner, tenants, or lessee; the type of Recycled Water use being proposed; the address and telephone number; and a legal description of the property to be served; purpose for which the property is to be used; and total area to be served. The Application may also list any special conditions for service pursuant to these Rules and Regulations. Certain technical information, derived from the design and peculiar to the type of Recycled Water use, may also be requested.

The Application form shall be accompanied by a service exhibit. This exhibit shall be a drawing delineating the subject Design Area, identifying the location and size of Service Connections, delineating areas in which Recycled Water Service is to be applied or excluded, and showing the nearest major street(s).

8.5.1.2 Mesa Water Evaluation

Upon receipt of a completed Application, the General Manager shall review such

Application and make such investigation relating thereto, as deemed necessary. The General Manager may prescribe specific requirements applicable to such Application, which may include, and shall not be limited to the design of the facilities, the manner of construction, the method of operation, and the conditions of service. An evaluation shall be performed by Mesa Water that will establish that information obtained on the form is consistent with these Rules and Regulations and the requirements of the Appropriate Regulatory Agencies.

8.5.1.3 Issuing of User Agreement

A User Agreement or Water Service Agreement issued by Mesa Water and signed by the Applicant shall constitute a legally binding service agreement. A User Agreement or Water Service Agreement shall incorporate expressly, or by reference, these Rules and Regulations and shall also include any additional requirements prescribed by Mesa Water to ensure contained operation of the Recycled Water System and to protect the public's health.

8.5.1.4 Service Activation

Following final inspection, testing and approval of the project by Mesa Water, the Applicant shall request in writing Recycled Water Service activation. Following a service termination, regardless of the reason, service may be re-established by telephone request. For service activation requests, Mesa Water shall require two Business Days' notice. In addition to two Business Days' notice, the designated User Supervisor must be onsite and available at the time.

8.5.2 Conditions of Service

Mesa Water reserves the right to revoke a User Agreement or Water Service Agreement if or any of the service conditions contained herein are not complied with continuously.

8.5.2.1 Regulatory Conditions

Service to a user may be terminated at any time if the quality of the Recycled Water does not comply with the requirements of Appropriate Regulatory Agencies or at any time the user's operations do not conform to these Rules and Regulations.

8.5.2.2 Financial Conditions

Conditions relating to Fees, Deposits, and billings shall be the same as established for the Potable Water System, as specified in Section 3 – Water Billing and Customer Service. Rates, Fees, and Charges for Recycled Water Service shall be as established by the Board.

A Fee may be imposed upon a user to re-establish Recycled Water Service if service was

terminated at the request of the user or for reason of failure on the user's part to comply with Mesa Water requirements or these Rules and Regulations for Water Service. Fees shall be in accordance with those listed in the Water Rate and Charge Schedule.

8.5.2.3 Operational Conditions

8.5.2.3.1 Liability

Mesa Water shall not be liable for any damage caused by any Onsite Facilities.

8.5.2.3.2 Service Scheduling

To maintain acceptable working conditions throughout the Recycled Water distribution system, Mesa Water may schedule the use of Recycled Water. Such scheduling may involve programming deliveries to different users or to various portions of a single user's Onsite System. Scheduling shall consider the constraints of Appropriate Regulatory Agencies, the requirements of these Rules and Regulations, and the operating constraints of affected users.

8.5.2.3.3 Relations of Property to Service

A Service Connection shall not be used to supply adjoining property of a different Owner nor an area outside the Owner's defined area.

8.5.2.3.4 Metering

Recycled Water used on any premises where a Mesa Water meter is installed shall pass through that meter. Users shall be held responsible and charged for Water passing through a Mesa Water meter.

8.5.2.3.5 Other Conditions

Conditions relating to meter reading and testing, and service terminations shall be the same as established for the Potable Water System.

8.5.3 Reporting

The following types of reporting shall be transmitted in writing.

8.5.3.1 Mesa Water to User

The following items shall be reported by Mesa Water to the user:

- The quantity of Recycled Water delivered to the user during the applicable billing period, to be submitted as part of Mesa Water's billing for Recycled Water Service and shall be based on readings taken from its meter.
- The quality of Recycled Water delivered to the user, to be submitted only at the specific written request of the user.

8.5.3.2 User to Mesa Water

The user shall report the following items within 24 hours of an occurrence to Engineering or Water Operations staff:

- Any failure of Onsite potable or Recycled Water pipelines, storage tanks or related facilities
- Any Violation of Mesa Water's Rules and Regulations for Water Service
- Change in Owner, User Supervisor
- Alterations to any Onsite Facilities or topography

8.5.4 Violations

8.5.4.1 Determination

Mesa Water reserves the right to determine whether a Violation of these Rules and Regulations has resulted from any action or occurrence that is the responsibility of the user.

8.5.4.2 Specific Violations

Specific Violations shall include those that directly caused non-compliance with any one of the specific prohibitions as listed in Section 8.2.19 of these Rules and Regulations: Runoff conditions, Ponding conditions, unapproved uses, disposal in unapproved areas, Cross Connections, unprotected drinking fountains, Hose Bibs, and fire hydrants. However, by definition, non-compliance with any condition or conditions of these Rules and Regulations, whether willfully or by accident, shall constitute a Violation.

8.5.4.3 Corrective Action

If the General Manager's investigation results in the determination that a Violation has occurred, Mesa Water shall immediately notify the user. It shall be the responsibility of the user to promptly initiate action that will correct the conditions having caused the Violation. If, in the opinion of the General Manager, the Violation constitutes an immediate danger to the public health, then service may be terminated immediately by shutting off the meter and locking it. Service shall be resumed only after such Violation has been corrected to the satisfaction of the General Manager. If the Violation is determined to be of a lesser degree of danger to public health, then a timetable for completing the

corrections shall be negotiated between the General Manager and the user, with Mesa Water having final approval. Corrections not being made in accordance with the timetable may also result in the termination of service.

The Appropriate Regulatory Agencies may order a service termination if they find a Violation that constitutes an immediate danger to public health. Service shall be resumed only after the Violation has been corrected to the satisfaction of both the Appropriate Regulatory Agencies and Mesa Water.

8.5.4.4 Appeal

A user may appeal Mesa Water's determination on a matter in accordance with Section 2.7-2.9 of these Rules and Regulations.

DRAFT

Appendix 1: Application for New Service



1965 Placentia Avenue, Costa Mesa, CA 92627 949-631-1291

MESA WATER FILE NO.

THIS APPLICATION BECOMES A PERMIT
WHEN APPROVED AND VALIDATED

APPLICATION FOR NEW SERVICE

Legal Description of
Property _____

Assessors Parcel No. _____

Address of Property _____

APPLICANT (Property Owner Only) *Type or Print*

(Property Owner) _____

(Mailing Address) _____

(City/State/Zip) _____

Phone _____

DL#/SS# _____

I attest under penalty of law to the truth and correctness
of all facts, exhibits, maps and attachments presented
with and made a part of this application.

I hereby authorize _____
to act as my representative and to bind me in all matters
concerning this application.

Signature – Applicant (Property Owner only)

day of _____, 20____

Signature (Notary)

(SEAL)

FOR MESA WATER USE ONLY – Do Not Write Below This Line

PERMIT

THE TERMS AND CONDITIONS OF THIS PERMIT ARE PRINTED ON BOTH SIDES OF
THIS FORM. APPLICANT HEREBY ACKNOWLEDGES THAT HE OR SHE HAS READ
AND UNDERSTANDS SAID TERMS AND CONDITIONS AND AGREES TO ABIDE BY
THEM.

Signature of Applicant (Property Owner only)

PERMIT APPROVED FOR MESA WATER

By _____

Date _____

Permit Expires _____

WATER BILLING SERVICE CUSTOMER

☐ Applicant ☐ Contractor ☐ Other (Below)

Name _____

Address _____

Zip _____

Phone _____

DL#/SS# _____

CONTRACTOR *Type or Print (if applicable)*

Name _____

Address _____

Bus.
Phone _____

Job Site
Phone _____

License No. _____

License Type _____

Business Tax ID# _____

Date Entered on Computer _____

Customer No. _____

Account Nos. _____

VALIDATION

For Work Done By Mesa Water District® (Mesa)

AGREEMENT: I agree to have my installation fee credited to charges for installation costs and I understand the installation fee is on a fixed cost basis. I further understand that the installation shall at all times remain under the exclusive control of Mesa, and that the water will not be turned on until any required backflow devices have been installed, tested and certified. I further understand that the water service will be billed to the applicant whose name appears on this form, or if specified to the billing customer, until Mesa has been instructed to bill otherwise. This Agreement is subject to the current Mesa Rules and Regulations and Standard Specifications on file at Mesa's office.

For Work Done Under Permit

A construction performance bond shall be posted in accordance with the current Mesa Rules and Regulations. The bond and Permit Fee must be received by Mesa prior to Mesa's final approval of plans and/or issuance of Permit. All work done under this Permit shall in accordance with the current Mesa Rules and Regulations and Standard Specifications.

I understand that the installation shall at all times remain under the exclusive control of Mesa, and that the water will not be turned on until any required backflow devices have been installed, tested and certified. I further understand that the water service will be billed to the applicant whose name appears on this form, or if specified to the billing customer, until Mesa has been instructed to bill otherwise.

Capacity Charges

Capacity Charges will be collected by Mesa on all projects requiring new or additional water service in accordance with the current Mesa Rules and Regulations. I understand that if Mesa determines after installation that water use exceeds the expected amount for the fixed capacity of a meter, a larger meter with a larger flow capacity will be installed and I will be required to pay the additional net increase in the Capacity Charges.

Appendix 2: Customer Service Meter Request Form



Customer Service Meter Test Request Form

Customer Information			
Name on Water Bill		Phone	
Account Number	--		
Property Address		City	
Mailing Address (if different)		City	
Email Address			

Customer's Reason for Meter Test Request:

The terms and conditions as listed in the Rules and Regulations for Water Service shall apply to the Customer of Record requesting testing of a water meter.

The Customer of Record shall submit to Mesa Water a meter test deposit of \$50.00, or as listed in the current Water Rate and Charge Schedule.

A receipt for payment of the meter test deposit will be provided to the customer of record, and a copy will be kept with this request form.

I agree to the terms and conditions as listed in the Rules and Regulations for Water Service, and that the meter test deposit may be forfeited if the meter is found to be accurate within the limits as specified therein.

Customer Name

Customer Signature



1965 Placentia Avenue, Costa Mesa, CA 92627 949-631-1291

PAYMENT VOUCHER

DATE: _____ JOB LOCATION: _____

MC FILE NO.: _____

APPLICANT: _____

PAID BY: _____ CHECK: _____ CASH: _____

AFFILIATION: _____ PHONE: _____

ADDRESS: _____ ZIP CODE: _____

DESCRIPTION			QUANTITY	PRICE EACH (1)	DEPOSIT AMOUNT (1)
METER INSTALLATION	SIZE:	5/8"		\$	\$
	SIZE:	3/4"		\$	\$
	SIZE:	1"		\$	\$
	SIZE:	1 1/2"		\$	\$
	SIZE:	2"		\$	\$
MANIFOLD	SIZE:			\$	\$
PLAN CHECK -					
FIRST SERVICE (RESIDENTIAL / COMMERCIAL)				\$	\$
ADDITIONAL SERVICES				\$	\$
METER CHANGES ONLY				\$	\$
ADDITIONAL PLAN REVIEWS (4 TH OR MORE)				\$	\$
CONSTRUCTION PERFORMANCE BOND					\$
CAPACITY CHARGES					\$
OTHER (PLEASE SPECIFY)					\$
<u>CONSTRUCTION INSPECTION</u>			<u>DEPOSIT</u>	<u>QUANTITY</u>	
Backflow Devices			\$		\$
Meters			\$		\$
Service Connection			\$		\$
Manifolds			\$		\$
Pressure Test			\$		\$
Firelines			\$		\$
Valves			\$		\$
Chlorination/Flushing & Health Sample			\$		\$
Weld Connections			\$		\$
Shutdown			\$		\$
AFTER HOURS INSPECTION-			\$ PER HOUR		\$
CONSTRUCTION INSPECTION TOTAL					\$

(1) Refer to the Mesa Water District website (www.mesawater.org) under Water Rate and Charge Schedules for costs.

TOTAL DEPOSIT \$

Prepared by: _____

Date: _____

Checked by: _____

Date: _____

Approved by: _____

Date: _____

Appendix 4: Application for Temporary Water Service



APPLICATION FOR TEMPORARY WATER SERVICE

Mesa Water District
1965 Placentia Avenue, Costa Mesa, CA 92627
949.631.1200

Date

Customer Billing Information

☐	Company	☐	Individual			
Name					Phone	
Federal Tax ID						
CA Contractor's License #						
Billing/Mailing Address						
City		State		Zip		

Job Site Information

Site Contact Name		Contact Phone	
Address / Cross Streets			
Estimated Length of time at location			

Deposit

Deposit Amount	\$	Payment Method	Check / Credit / Cash

I have read and agree to the Rules for Hydrant Meters for Construction Water Service.

Contact Name (Print) _____ Contact Signature _____

Mesa Water District use only

Account Number _____

Location: Atlas Sheet _____ Hydrant # _____

**Appendix 5: Rules for Hydrant Meters
for Construction Water Service**



RULES FOR HYDRANT METERS FOR CONSTRUCTION WATER SERVICE

Mesa Water District Policy DS-009, Attachment B

Revised January 01, 2018

REQUIREMENTS:

1. Mesa Water District (Mesa Water®) requires a minimum of one business day notice to set up or pick up hydrant meters.
2. An applicant or acting agent for the applicant must confirm the beginning meter read of the hydrant meter and complete the Rules for Hydrant Meters for Construction Water Service in order to activate water service.
3. Hydrant meters are locked to the selected hydrant. Selected hydrants must be a Mesa Water hydrant; Private hydrants may not be used with Mesa Water hydrant meters.
4. Mesa Water requires a minimum of one business day notice for moving a hydrant meter to an alternate location, during normal business hours. Only Mesa Water employees are authorized to move hydrant meters.
5. The hydrant meter permit holder assumes all liability arising from the use of said Mesa Water facilities and equipment, and will pay all costs for repair or replacement regardless of circumstances.
6. Mesa Water reserves the right to determine the degree of hazard associated with the temporary connection and may elect to require backflow protection. Mesa Water will install and certify the appropriate backflow device when required.

FEES & CHARGES:

1. A deposit of **\$1,030.00** for each hydrant meter must be paid once the hydrant meter has been set and water service has started.
2. A one-time **\$149.00** hydrant meter Installation Fee to set up each hydrant meter will be charged to the customer's account.
3. The water usage charge is **\$4.27** per unit (1 unit = 748 gallons) of water used.
4. Daily rental rate for hydrant meters is **\$10.00**
5. A charge of **\$75.00** for moving the hydrant meter will be assessed when Mesa Water is not given sufficient advance notice to relocate hydrant meter. There is no charge for moving a hydrant meter with a minimum of one business day notice.
6. Backflow device set-up and certification fee is **\$45.00**.
7. Repair to or replacement of damaged hydrant meter parts is the actual cost of the part, plus labor. Labor costs are currently **\$150.00** per incident.
8. Replacement of stolen, lost meters is the actual cost of a replacement meter, which is currently **\$1,030.00**.

PAYMENT:

1. Regular Bi-monthly Bills and Closing bills are due and payable upon receipt.
2. Delinquent Bills: Accounts not paid by the due date on the bill will be sent a delinquent bill and charged a late fee. Past due accounts will be sent to a collection agency and are subject to a penalty.

By accepting water service, you are subject to Mesa Water's Rules and Regulations for Water Service, and are responsible for all charges until you notify Mesa Water to stop your water service/pick up hydrant meter. Please call 949.631.1200 to schedule pick-up when your job is completed.

I have read and agree to the Rules for Hydrant Meters for Construction Water Service.

Contact Name (Print) _____ Contact Signature _____

Appendix 6: Water Service Agreement

FILE NO. _____

**WATER SERVICE AGREEMENT WITH THE
MESA WATER DISTRICT
FOR WATER SERVICE**

Date: _____
File No.: _____
Location: _____
Atlas Sheet No.: _____

The undersigned, (hereinafter referred to as "Applicant"), hereby requests water service by the **MESA WATER DISTRICT**, (hereinafter referred to as "Mesa Water"), in accordance with all of the terms and conditions of this Water Service Agreement and Mesa Water's Rules and Regulations For Water Service", (hereinafter referred to as "Rules and Regulations"), which are incorporated herein by this reference and made a part hereof as though fully set forth.

Applicant hereby applies for that service as applicable, which can be provided by the facilities described below, to that certain real property located within Mesa Water, in the County of Orange, State of California, described as follows (metes and bounds description or as acceptable to Mesa Water):

AP-

Said property is to be used for the purpose(s) of:

Applicant hereby represents that Applicant is the owner of said real property. Applicant estimates that the total service to be required of Mesa Water upon development of said real property is _____ gallons per minute ("GPM") on the basis of the connected capacity demand ("CCD") as defined in the Rules and Regulations of Mesa Water.

Upon acceptance of this Application by Mesa Water, together with all costs, including the Capacity Charge as determined by the Mesa Water District Engineer or an authorized representative subject to appeal to the General Manager or the Board of Directors, plans and specifications, bonds, conveyance of necessary easements, and other items as may be required herein, Mesa Water agrees to provide the requested water service subject to the terms and conditions herein set forth and set forth in the Rules and Regulations of Mesa Water. Mesa Water shall deliver to the Applicant an executed copy of this Agreement.

1. Applicant shall adhere to the requirements prescribed by the Rules and Regulations, as amended from time to time, and to any additional requirements prescribed from time to time by the General Manager or Board of Directors of Mesa Water, or both, to insure compliance with such Rules and Regulations as to obtaining water.

2. Applicant hereby agrees to build or cause to be built the described water facilities, (hereinafter collectively referred to as "the Facilities"), and agrees to pay all costs of installation of same, including, but not limited to, cost of labor, materials, equipment, contractor's expense and profit,

environmental studies, design, engineering, surveying, inspection, testing, plan check, land and easement acquisition, condemnation, attorney's fees, insurance and bond premiums.

3. Applicant agrees that the Facilities shall be constructed in accordance with plans and specifications which shall comply with all applicable requirements of Mesa Water's "Standard Specifications for the Construction of Water Facilities", including, but not limited to, requirements as to information to be shown on the plans. Said document is on file at the office of Mesa Water and is by this reference incorporated herein. Such plans and specifications shall be approved by Mesa Water. Such approval of the plans and specifications by Mesa Water shall not constitute approval of the permit applied for herein. The Facilities shall be constructed by a contractor licensed by the State of California to install said Facilities.

4. Applicant guarantees the Facilities constructed under this Agreement against defects in workmanship and materials for a period of one (1) year after the date of acceptance of the Facilities by Mesa Water. It is further agreed that the Facilities shall be restored to full compliance with the requirements of the plans and specifications, including any test requirements, if during said one (1) year period the Facilities or any portion thereof are found not to be in conformance with any provisions of said plans and specifications. This guarantee is in addition to any and all other warranties, express or implied, with respect to the Facilities.

5. Applicant agrees to grant, or cause to be granted to Mesa Water, without cost to Mesa Water, all necessary easements for construction, installation, maintenance and access to the Facilities, across all privately-owned lands to be traversed by the Facilities, which easements shall be in a form and condition of title satisfactory to Mesa Water and shall be executed by all necessary parties having an interest in said lands.

6. Applicant, if applicable, agrees to provide to Mesa Water, prior to acceptance of the Facilities, a complete set of reproducible mylars of the approved plans and specifications for the Facilities.

7. Upon completion of the Facilities, Applicant, if applicable, agrees to execute and deliver to Mesa Water a report of the actual costs of the Facilities and to substantiate such report with invoices and receipts acceptable to Mesa Water. Applicant further agrees that such Facilities will become the property of Mesa Water when it is accepted by its duly authorized employee, evidencing acceptance of the Facilities. However, Applicant hereby disclaims in favor of Mesa Water all right, title and interest in and to said systems, appurtenances and easements; and Applicant hereby covenants and agrees to execute and deliver to Mesa Water any documents required to complete the transfer of the Facilities concurrently with the acceptance thereof by Mesa Water; and Applicant hereby agrees that Applicant is holding any title to said Facilities, pending acceptance thereof by Mesa Water, as trustee, acknowledging Applicant's obligation to complete said Facilities and transfer the same debt free to Mesa Water.

8. It is agreed that the above provisions shall not preclude the use of the Facilities by property owners within the developed area or outside of said development prior to such delivery of actual costs to Mesa Water, as long as the quality of said water is acceptable to Mesa Water under its Rules and Regulations and written permission has been obtained from Mesa Water by such property owners to connect to the Facilities or to existing facilities. Applicant agrees that the use of the Facilities by the Applicant, transferee or assignee of the Applicant, or others within Mesa Water, will not constitute acceptance of the Facilities by Mesa Water.

9. Applicant agrees to hold Mesa Water harmless from any expense or liability resulting from the construction of the Facilities, and further agrees that Applicant will indemnify and hold Mesa Water, its agents, employees, officers and representatives, free and harmless from and against any and all liabilities for death, injury, loss, damage or expense, (including reasonable attorney's fees), to person or property which may arise or is claimed to have arisen as a result of any work or action performed by Applicant or on behalf of Applicant with respect to the construction and in the installation or repair of the Facilities.

10. Applicant shall submit, concurrently with this Application, if applicable, Payment and Performance Bonds, in connection with the Facilities to be constructed, and for an amount to be determined by Mesa Water.

11. Applicant hereby agrees to pay all administration and engineering costs, (including inspection and plan check costs), calculated as a percentage of the total cost as estimated by Mesa Water, as well as Capacity Charges, meter costs, interim water service line costs, (if applicable), and any other costs incurred by Mesa Water. The amount of such costs shall be based on the applicable schedules of the Rules and Regulations in effect on the date when Applicant has submitted to Mesa Water its completed Application, payment of all deposits, plans and specifications, bonds, conveyance of necessary easements and other items which may be required herein prior to issuance of the permit and the plans of the Applicant have been approved by Mesa Water. Such deposits shall be set forth on Exhibit "A" hereto by Mesa Water, which Exhibit is by this reference incorporated herein, and is subject to revision pursuant to any changes in the applicable schedules prior to the date and application and all accompanying materials and payment are completed, submitted to and approved by Mesa Water.

Applicant hereby agrees that the meter costs set forth in Exhibit "A" includes the provisions by Mesa Water of a water meter and customer control valve. Applicant agrees that the customer control valve is to be obtained from Mesa Water and installed by the Applicant's contractor as the work progresses, and that the water meter is to be installed by Mesa Water prior to the provision of permanent water service by Mesa Water.

Applicant acknowledges and agrees that the payment of such costs is being required prior to final inspection or issuance of certificates of occupancy for the development proposed by Applicant, and that such requirement for prior payment is in accordance with all applicable legal requirements pursuant to Section 53077 et seq. of the Government Code.

12. Applicant agrees to accept such conditions of pressure and service as are provided for by District's water system at the location of all proposed connections thereto and to hold Mesa Water harmless from and against any and all damages, liability and expense arising out of high or low pressure conditions with respect thereto or from interruptions of service.

13. Applicant agrees, if said Mesa Water employs an attorney to enforce this Agreement, to pay said Mesa Water for all attorney's fees to be incurred.

14. Applicant agrees that the General Manager of Mesa Water or his authorized representative may enter upon the hereinabove described property during reasonable hours for the purpose of ascertaining whether the provisions of this Agreement are being performed. Applicant shall not be responsible in any way for the failure of its successors or assigns to comply with any of the provisions of this Agreement.

15. Applicant agrees that service shall be commenced only after the Facilities have been completed and transferred to Mesa Water and all required testing and inspection has been accomplished by Mesa Water.

Applicant is aware that the contracts may not have been let for all necessary water facilities of Mesa Water in order that Applicant can actually receive water service. Applicant further agrees that Mesa Water shall not be obligated to the Applicant or the successors of the Applicant for water service until such time as the actual completion of said necessary Mesa Water facilities.

16. Special conditions for service, if any:

IN WITNESS WHEREOF, the parties have duly caused their authorized signatures to be affixed hereto.

APPLICANT

Date: _____

Print Name

PROPERTY OWNER

Date: _____

Print Name

MESA WATER DISTRICT

By: _____
Mesa Water District Engineer

Date: _____

**EXHIBIT "A" TO
APPLICATION TO AND AGREEMENT WITH
THE MESA WATER DISTRICT
FOR WATER SERVICE**

Water Service Deposits

(i) **Capacity Charges**

(a) _____ GPM \$ _____

(b) Credit Towards Capacity Charges,
(If Applicable) \$ _____

(c) Existing Meter Sizes, (If Applicable)

SUBTOTAL \$ _____

(ii) **Administrative and Engineering**

Performance Bond \$ _____ at _____ % \$ _____

Plan Check \$ _____

Construction Inspection \$ _____

SUBTOTAL \$ _____

(iii) **Meter Installation**

_____ meters at \$ _____ per meter \$ _____

_____ meters at \$ _____ per meter \$ _____

_____ meters at \$ _____ per meter \$ _____

SUBTOTAL \$ _____

TOTAL DEPOSIT \$ _____

NOTICE – The Mesa Water District imposes a Capacity Charge pursuant to provisions of Government Code §66000 and following the Rules and Regulations of Mesa Water District adopted pursuant to Water Code §31024. These fees are used to finance necessary water facilities. The Capacity Charges and the basis for their collection are further described in the documents providing for their imposition and collection.

NOTICE IS FURTHER GIVEN, pursuant to Government Code §66020(d) that you have a 90-day period from the date of approval of the relevant project, or payment of the Capacity Charges, whichever first occurs, to provide a protest to Mesa Water District of the basis or the amount for such Capacity Charges.

I have received and read the above notice for Capacity Charges.

Signed _____

as an agent for _____

Date _____

DRAFT

Applicant Acknowledgment of Responsibility for Meters

I acknowledge that I have read and understand the following concerning the meter(s) to be installed on this project.

- 1) Meter(s) installation, operation and billing will be done in compliance with Mesa Water's Rules and Regulations for Water Service and Standard Specifications.
- 2) All meters smaller than 3" will only be installed by Mesa Water. Meter(s) 3" or larger will be installed only in the presence of authorized Mesa Water personnel regardless of the presence of any other agency(ies)' representatives.
- 3) The meter(s) must be clearly marked and protected from damage at all times. The applicant will be responsible for all damaged meters.
- 4) The meter(s) must remain accessible for reading at all times. If it is not, applicant will pay for costs incurred in rereading the meter.
- 5) Once the meter(s) is installed the applicant will be responsible for the meter. If it is damaged in any manner it will be repaired or replaced only by Mesa Water and the applicant will be required to pay Mesa Water for repairs and/or replacement.
- 6) Charges for the Basic Charge and any Usage Charges will commence as soon as the meter(s) is installed by Mesa Water or received by the applicant from Mesa Water.
- 7) If applicant wishes the meter(s) shut off and locked by Mesa Water they will not be responsible for the Basic Charge. Please call Customer Service, 949-631-1200, to arrange for termination of service. When the meter is turned on again any Usage registered on the meter will be billed to the applicant. If it is not possible to shut off and lock the meter(s) (which is the case with meters 3" or larger) applicant will be billed for both the Basic Charge and any Usage recorded by the meter.
- 8) Any costs to Mesa Water for failure to comply with these requirements will be payable by the applicant.

Signature of Applicant

Date

Name of Applicant (please print)

Witnessed by: _____
(Mesa Water Engineering staff)

MC Number: _____

Location: _____

RESOLUTION NO. ~~1593~~1609

**RESOLUTION OF THE
MESA WATER DISTRICT BOARD OF DIRECTORS
AMENDING THE RULES AND REGULATIONS FOR WATER SERVICE
SUPERSEDING RESOLUTION NO. ~~1548~~1593**

WHEREAS, 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 established its Rules and Regulations for Water Service (Rules and Regulations) concerning the sale, distribution and use of water, and related matters, pursuant to the provisions of California Water Code Sections 31000, 31001 and 31024; and

WHEREAS, the Mesa Water Board of Directors (Board) has determined that it is appropriate at this time to provide for certain amendments to the Rules and Regulations; and

WHEREAS, the Board has determined to adopt this Resolution to provide for such amendments to the Rules and Regulations and take related actions.

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

Section 1. The Rules and Regulations are amended as set forth in Attachment A to this Resolution, which is incorporated herein by this reference. The amendments to the Rules and Regulations shall be effective immediately upon the adoption of this Resolution by the Board.

Section 2. Except as set out in Section 1, above, the Rules and Regulations are not otherwise amended or revised.

Section 3. Mesa Water Resolution No. ~~1593~~1548 is superseded by the adoption of this Resolution.

Section 4. Mesa Water employees and consultants are authorized to take such other and further action(s) as are necessary or desirable to carry out the directives of this Resolution.

ADOPTED, SIGNED AND APPROVED this ~~28th~~ day of ~~April 2024~~ January 2026 by the following roll call vote.

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

~~Shawn Dewane~~ Marice H. DePasquale
President, Board of Directors

~~Denise Garcia~~ Khalifa
District Secretary

RESOLUTION NO. ~~1593~~1609

ATTACHMENT A

RESOLUTION OF THE
MESA WATER DISTRICT BOARD OF DIRECTORS
AMENDING THE RULES AND REGULATIONS FOR WATER SERVICE
SUPERSEDING RESOLUTION NO. ~~1548~~1593

Rules and Regulations for Water Service

Amended ~~January 28, 2026~~April 10, 2024



Rules and Regulations for Water Service

Adopted on January 28, 2026~~April 10, 2024~~

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SECTION 1 – GENERAL

1.1 INTRODUCTION

Mesa Water District (Mesa Water® or District) was formed on January 1, 1960, under the provisions of the Costa Mesa Merger Law being Water Code Sections 33200 and following, a special act of the California Legislature, which was enacted in 1959. Mesa Water District is a county water district operating pursuant to the County Water District Law. The Board, as authorized by Sections 31000, 31001, 31024, and 31025 of the Water Code, has established these Rules and Regulations for the sale, distribution, and use of Water.

Mesa Water provides Water Service to ~~all~~ Applicants, subject to the availability of Water and the facilities necessary to provide the service, conditional upon receipt of ~~all~~ required Fees and Charges and in accordance with these Rules and Regulations.

All terms, conditions, ~~R~~ates, and requirements contained herein are subject to change by actions of the Board.

1.2 DEFINITIONS

Whenever the following terms, or pronouns used in their place, occur in these Rules and Regulations, or in any documents that these Rules and Regulations govern, the intent and meaning shall be interpreted as follows:

AFSSC – shall mean Automatic Fire Sprinkler Service Connection for the dedicated fireline Service Connections.

Air-Gap Separation – shall mean a physical separation between the free-flowing discharge end of a Water supply pipeline and an open or non-pressure receiving vessel. The separation shall be at least double the diameter of the supply pipe measured vertically above the overflow rim of the vessel, and in no case less than one inch. The design shall be to the satisfaction of the General Manager or the General Manager's Designee(s) and the Appropriate Regulatory Agencies.

Applicant – shall mean any person, persons, firm, corporation, ~~association~~ association, or agency that desires and applies to obtain Water Service from Mesa Water.

Application for New Service Form – shall mean a contractual agreement applied for by a person, persons, firm, corporation, association, or agency who desires to install, remove, alter, or replace, or cause to be installed, removed, altered, or replaced, any Water facility or appurtenance.

Application for New Service Permit – shall mean the Application for New Service Form

becomes a permit when approved and validated by Mesa Water.

Application for Temporary Water Service – shall mean a contractual agreement applied for by a person, persons, firm, corporation, association, or agency who desires to obtain temporary Water Service for use during construction.

Appropriate Regulatory Agencies – shall mean those public agencies legally constituted to protect the public health and Water quality such as, ~~but~~and not limited to, the California Department of Health Services, the Santa Ana Regional Water Quality Control Board, the Orange County Health Care Agency and the City of Costa Mesa Building and Safety Department.

Approved Use – shall mean an application of Recycled Water in a manner, and for a purpose, designated in a User Agreement or Water Service Agreement issued by Mesa Water and in compliance with any and ~~all~~ appropriate regulatory agency requirements.

Approved Use Area – shall mean a site, with well-defined boundaries, designated in a User Agreement or Water Service Agreement issued by Mesa Water to receive Recycled Water for an Approved Use and acknowledged by the Appropriate Regulatory Agencies.

AWWA – shall mean American Water Works Association.

AWWA Guidelines – shall mean the latest versions of “*Guidelines for Distribution of Non-Potable Water*” and “*Guidelines for the On-site Retrofit of Facilities Using Disinfected Tertiary Recycle Water*” as put out by the California-Nevada Section of the American Water Works Association.

Backflow – shall mean the flow of Water or other liquids, mixtures, gases, or any other substances into the distribution pipes of the Potable Water System from any source or sources other than Mesa Water’s sources.

Backflow Prevention Assembly – shall mean a specially designed and certified Reduced Pressure Principle Backflow Prevention Assembly and the Double Check Valve Assembly, that is used in protecting the Potable Water System from contamination that originated downstream of the assembly.

Basic Charge – shall mean a fixed Rate or charge imposed by Mesa Water for readiness-to-serve Water on a periodic basis based on meter or service size, as applicable, as set forth in the Water Rate and Charge Schedule.

Billing Unit – shall mean the unit of Water used to apply Water Rates for purposes of calculating Water Charges for Water usage. Mesa Water’s Billing Unit is currently equal to 100 cubic feet of Water.

Board or Board of Directors – shall mean the elected Board of Directors of the Mesa Water District.

Business Day – shall mean Monday – Friday 8:00 a.m. to 5:00 p.m. excluding holidays.

Capacity Charge – shall mean a Fee or Charge charged to an Applicant in connection with an Application for New Service Permit, for an increase in demand for Potable Water Service. A Capacity Charge shall be charged for property not previously served by Mesa Water or property with an existing Water Service requiring an increase in demand for Water Service.

Charges – shall mean the accumulation of any and ~~all~~ applicable Fees, Rates, Basic Charge(s), Usage Charge(s), and other amounts due pursuant these Rules and Regulations, or as otherwise directed by Mesa Water, chargeable to the Customer of Record or other person or party, as shall be applicable.

Construction Use – shall mean an Approved Use of Water to support construction activities such as soil compaction and dust control.

Contractor – shall mean the party entering into contract with the Applicant for performance of the work for which Mesa Water issues a Permit. The Applicant and the Contractor may or may not be ~~one and the same~~ the same.

County of Orange Health Care Agency, Department of Environmental Health (OCHCA) – shall mean the local health agency responsible for onsite public health issues covering Mesa Water’s service area.

County of Orange Department of Public Health (OCDPH) – See County of Orange Health Care Agency, Department of Environmental Health (OCHCA).

Cross Connection – shall mean any unprotected, actual, or potential connection between any part of a Potable Water System used to supply Water for drinking purposes and any source or system containing Water or substance that is not or cannot be approved by Mesa Water as safe, wholesome, and potable. By-pass arrangements, jumper connections, removable sections, swivel or changeover device(s), or other device(s) through which Backflow could occur, shall be considered to be Cross Connections.

Customer – shall mean any person, persons, firm, corporation, association, or agency receiving Water or services from Mesa Water.

Customer Agent – shall mean any person, persons, firm, corporation, association, or agency that has power of attorney or other written authorization from the Customer of Record, provided to Mesa Water, to act on their behalf.

Customer Control Valve – shall mean a valve meeting the requirements of the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities, installed on the outlet side of a Water meter.

Customer of Record – shall mean the person or persons, firm, corporation, association, or agency that has entered into a contractual agreement with Mesa Water for Water Service. The contractual agreement may include the Application for New Service permit, the Water Service Agreement, the Application for Temporary Water Service Permit, and a request for service received at Mesa Water by phone, mail or in person. The Customer and Customer of Record may or may not be ~~one and the same~~ the same. The Customer of Record is responsible for payment of ~~all~~ monies owed on accounts for which the Customer of Record has entered into a contractual agreement.

Customer Records – shall mean records described within California Government Code Section 6254.16.

DC or DCV – shall mean a Double Check Valve Assembly, which is a Backflow Prevention Assembly used to protect against a non-health hazard (pollutant).

DCDA – shall mean a Double Check Detector Assembly with a parallel meter arrangement, equipped with an approved Double Check Valve Assembly, to detect unauthorized use of Water.

Delinquent Fee – shall mean a Fee assessed on any bill or invoice in which the payment was not received by the due date, as set forth in the Water Rate and Charge Schedule.

Deposit – shall mean any money held by Mesa Water for the purpose of guaranteeing payment of money owed to ~~the District~~ Mesa Water for the costs of service. Deposits are applicable only to the account(s) for which such money was collected. Deposits are refunded only to the Customer of Record unless the deposit or has made a written request and has received permission from Mesa Water to do otherwise.

Design Area – shall mean a site, with well-defined boundaries, proposed to receive Water for an Approved Use as delineated in an application for a User Agreement or Water Service Agreement.

Design Consultant – shall mean any person or firm registered with the State as an engineer or landscape architect to provide Water System design plans, site layout, landscaping, or irrigation system design services.

Direct Beneficial Use – shall mean the use of Recycled Water that has been transported from the point of production to the point of use without an intervening discharge to waters of the State.

Direct Overspray – shall mean any discharge of Water directly onto areas other than that for which the application of Recycled Water is approved.

District Agent or District Designee – shall mean any person, persons, firm, corporation, association, or agency that has obtained written authorization from the General Manager or Board of Directors to represent Mesa Water or act on ~~the District~~Mesa Water's~~District's~~ behalf.

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District Engineer – shall mean the duly approved and acting District Engineer of the Mesa Water District or an authorized designee.

District Water System – shall mean the entirety of the Mesa Water owned and controlled Water system, inclusive of the Potable Water System and Recycled Water System, inclusive of ~~all~~ appurtenances and attachments thereto, up to and including the Point of Connection.

Division of Drinking Water (DDW) – shall mean the primary State agency (the State Water Resources Control Board) responsible for protection of public health and the regulation of drinking Water. The California Legislature has defined several specific regulatory responsibilities of DDW related directly or indirectly to Recycled Water use activities.

Drawings – shall mean the plans, working drawings, detail drawings, profiles, typical cross sections and supplemental drawings or reproductions thereof, approved by Mesa Water, which show locations, character, dimensions or details of the work or modifications to be performed.

Due Date – shall mean the date a bill or invoice is due. If not paid by the stated Due Date a bill or invoice becomes delinquent.

Dwelling Unit – shall mean a single unit providing complete independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking and sanitation.

Fee – shall mean any amount of money imposed or required by Mesa Water to a Customer of Record or other person or party, as applicable: (i) for Mesa Water employees to perform a service; (ii) as a penalty (which may include assessed penalties resulting from a Violation); and/or (iii) to recoup costs, each as stated in the Water Rate and Charge Schedule or other Fee schedule adopted by Mesa Water. Fees shall include, ~~but~~and are not limited to, those Charges imposed by Mesa Water on its Customers for services based on a fixed schedule for the particular Fee or Charge, generally not tied to a specific volume of use and thus independent of Rates. Examples of Fees include, ~~but~~and are not limited to, plan check and construction inspection Fees and Final Notice Fees.

Final Notice Fee(s) – shall mean a Fee assessed on any bill, after the bill has been in arrears, prior to termination of service in the event payment was not received by the due date, as stated in the Water Rate and Charge Schedule.

General Manager or Designee – shall mean the duly appointed and acting General Manager, interim General Manager or equivalent officer appointed by the Board of Directors of Mesa Water District.

General Public – shall mean any person(s) at large who may come in contact with facilities

or areas where Water is approved for use.

Hose Bib – shall mean a faucet or similar device to which a common garden hose can be readily attached (California Code of Regulations Title 22 Section 60301.400).

Irrigation Use – shall mean an Approved Use of Potable Water or Recycled Water for landscape, horticultural, or agricultural irrigation. Irrigation Use for Recycled Water is defined under Title 22 of the California Code of Regulations.

Landscape Irrigation System – shall mean an irrigation system with pipes, drip hoses, spray heads, or sprinkling devices that are operated by hand or through an automated system.

Level – shall mean any building surface above or below the street grade.

Main or Mainline – shall mean Water distribution pipelines located in streets, highways, public ways, or private ~~rights~~right-of-ways used to deliver or transmit Water.

Master Meter – shall mean a single meter installed on a service line entering a parcel where multiple units are constructed on private property.

Mesa Water or District – shall mean the Mesa Water District or authorized District Agent.

Mesa Water Inspector – shall mean any person authorized by Mesa Water to perform inspections of either Onsite or Offsite facilities prior to construction, during construction, after construction and during operation.

Mesa Water Office or Office – shall mean the Mesa Water business office - currently located at 1965 Placentia Avenue, Costa Mesa, California 92627.

Non-Potable Water – shall mean Water (including Recycled Water) that is not intended for human consumption in conformance with the standards referred to in the definition of Potable Water, below, such as Potable Water downstream of an approved Backflow Prevention Assembly within a Landscape Irrigation System.

Offsite or Offsite Facilities or Offsite System – shall mean ~~all~~ Recycled Water Facilities and appurtenances thereto upstream of the Point of Connection.

Onsite or Onsite Facilities or Onsite System – shall mean ~~all~~ Recycled Water Facilities as designed, constructed, altered, repaired, replaced, or restored downstream from the Point of Connection.

Owner – shall mean any holder of legal title, contract purchaser, or lessee under a lease where the tenant(s) are responsible for Water Service, of property for which Water

Service has been requested or established.

Point of Connection – shall mean the location where the Offsite Water Service line connects to the Onsite System, which shall be taken at the downstream end of Mesa Water's Customer Control Valve located on the service meter. In the absence of a Customer Control Valve, the Point of Connection will be taken at the downstream end of the service meter unless, by written agreement only, Mesa Water designates another location as the Point of Connection. Mesa Water's meter normally will be set in a location that abuts a curb line or property line of the Approved Use Area.

Point of Ownership – Mesa Water's Point of Ownership shall end at the outlet side of the Customer Control Valve or, if in the absence of a Customer Control Valve, the outlet side of the water meter or the control valve upstream of the Backflow Assembly. By written agreement only, Mesa Water may designate another location as the ending Point of Ownership.

Ponding – shall mean the retention of Recycled Water on the surface of the ground or other natural or constructed surface for a period of time following the cessation of an approved Recycled Water use activity such that a hazard, or potential hazard, to the public health results.

Potable Water – shall mean Water that is approved for human consumption by the appropriate federal, State, and local regulatory agencies.

Potable Water System – shall mean the facilities that produce, convey, and store Potable Water.

Presentation Date or Billed Date – shall mean the date a bill or invoice is generated. The Presentation Date will generally be printed on the bill or invoice.

Purple Color – shall mean the color Pantone 512 or approved equal that is used to identify aboveground equipment using Recycled Water.

Pulled Meter – shall mean where the meter has been removed, ~~but~~and the service line is still in place.

Qualified Person – shall mean the Mesa Water District Engineer or other designee as assigned by the District Engineer.

Rate(s) – shall mean the Basic Charge and/or the Usage Charge, as shall be applicable.

RPDA – shall mean a line-sized approved Reduced Pressure Principle Detector Assembly with a parallel meter arrangement, equipped with an approved Reduced Pressure Principal Assembly, to detect unauthorized use of Water.

RPP or RPPD – shall mean a Reduced Pressure Principal Assembly, which is a Backflow Prevention Assembly used to protect against a non-health hazard (pollutant) or a health hazard (contaminant).

Recycled Water – shall mean Water that, as a result of treatment of wastewater, is suitable for Direct Beneficial Use or controlled use that would not otherwise occur.

Recycled Water Service – shall mean the furnishing of Recycled Water to a user, pursuant to these Rules and Regulations, through a metered connection to the Onsite Facilities.

Recycled Water System or Recycled Water Facilities – shall mean the Offsite Facilities that produce, convey, store, and supply Recycled Water.

Recycled Water User – shall mean any Customer issued a User Agreement or Water Service Agreement by Mesa Water that replaces the User Agreement. The Recycled Water User and Owner may be ~~one and the same~~ the same.

Record Drawings – shall mean the design drawings that have been marked to show ~~all~~ construction changes for a given project to the best of available knowledge.

Rules and Regulations – shall mean these Rules and Regulations for Water Service as adopted, and as such may be amended from time to time, by Mesa Water.

Returned Item Fee – shall mean a Fee assessed to the Customer of Record for any payment that is returned by ~~the District~~ Mesa Water's District's or Customer of Record's financial institution or bank, in the amount set forth in the Water Rate and Charge Schedule.

Retrofit – shall mean to change or modify in part or in whole the existing plumbing of an Onsite Potable Water System ~~in order to~~ to serve Recycled Water.

Runoff – shall mean the flow of Potable Water or Recycled Water along the surfaces of the ground or other natural or constructed surface, including, ~~but~~ and not limited to, pedestrian walkways, streets, playground surfaces and grassy slopes.

SARWQCB – shall mean the Santa Ana Regional Water Quality Control Board.

Service Connection – shall mean the physical Point of Connection of the Customer's Water System with the Water Service facilities of ~~the District~~ Mesa Water, including the tap, line, curb stop, meter and meter box supplied by and owned by ~~the District~~ Mesa Water. Typically, the Service Connection shall be the downstream end of the Water meter tailpiece.

Service Restoration Trip Fee – shall mean a Fee assessed on any account when a Mesa Water employee arrives at the service address to restore Water Services after being terminated for non-payment, as set forth in the Water Rate and Charge Schedule.

Service Termination Trip Fee – shall mean a Fee assessed on any account when a Mesa Water employee arrives at the service address to terminate Water Services after being terminated for non-payment, as set forth in the Water Rate and Charge Schedule.

Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities – shall mean the latest version of Mesa Water's publication.

State – shall mean the State of California.

Usage Charge(s) – shall mean the charge(s) based on the amount of Water that has passed through the Point of Ownership, based on measured usage from Water meter readings, or in some cases, estimated usage.

User Agreement – shall mean the "Recycled Water User Agreement" is a contractual agreement between the user and Mesa Water that establishes the conditions for Recycled Water Service that ~~the District~~Mesa Water may use in place of the standard Water Service Agreement.

User Supervisor – shall mean a Qualified Person designated by the user (Customer) and approved by Mesa Water who is responsible for the installation, operation, and maintenance of the user onsite facilities, the prevention of Cross Connection, and compliance with these Rules and Regulations.

Violation – shall mean non-compliance with any condition or conditions of these Rules and Regulations, User Agreement, or Water Service Agreement by any person, action, or occurrence, whether willfully or by accident.

Water – shall mean ~~all~~ Water provided by Mesa Water for use within its service area or otherwise and is inclusive of both Potable Water and Recycled Water.

Water Conservation Coordinator – shall mean the person (who may be an officer or employee of Mesa Water) charged with the principal enforcement of ~~the District~~Mesa Water's District's Policies and Programs related to water efficiency and the conservation of water within Mesa Water's service area. The Water Conservation Coordinator may be the General Manager or the General Manager's Designee(s).

Water Quality Report – shall mean the annual Consumer Confidence Report.

Water Rate and Charge Schedule – shall mean the then current schedule of Rates, Fees, and Charges as approved by the Board of Directors.

Water Recycling Criteria – shall mean the Uniform Statewide recycling criteria established in California Code of Regulations Title 22 by DDW for each varying type of use of Recycled Water where the use involves the protection of public health (California Water Code Section 13521).

Water Service – shall mean the availability of Water as provided by ~~the District~~Mesa Water.

Water Service Agreement – shall mean a written contractual agreement between an Applicant and Mesa Water regarding the terms under which ~~the District~~Mesa Water shall provide Water Service to the Applicant.

Windblown Spray – shall mean dispersed, airborne Recycled Water capable of being transmitted through the air by natural or manmade wind to locations other than that for which the direct application of Recycled Water is approved.

1.3 SERVICE AREA

Mesa Water provides Potable Water and Recycled Water Service to most of the City of Costa Mesa, parts of the City of Newport Beach and some unincorporated county areas, including the John Wayne Airport. ~~The District~~Mesa Water's~~District's~~ service area is on file at the Mesa Water Office. Mesa Water may only provide water or services outside of the service area through special arrangement.

1.4 SERVICE CONDITIONS

Water Service shall be available only in accordance with these Rules and Regulations, ~~as well as~~ applicable federal, State, and local statutes, ordinances, regulations, and contracts, and other requirements including, ~~but~~and not by way of limitation, the California Water Code, the California Administrative Code, and regulations imposed by State and local health departments, ~~as well as~~and the terms of any Water Service Agreement (Refer to Appendix 6) or Permit issued by Mesa Water. Any such Permit may be revoked by Mesa Water, and there upon, ~~all~~ such Water Service shall cease in the manner provided in these Rules and Regulations.

As a condition of service, Mesa Water reserves the right to require any Applicant to construct any water facility that it deems essential, including adding capacity for future use of the water facilities.

1.5 REQUESTS FOR THE RELEASE OF CUSTOMER RECORDS

Mesa Water holds various records concerning its operations, services, and Customers of Record. Mesa Water has adopted specific policies concerning certain records retained by

~~the District~~Mesa Water concerning its Customers, which fall within the scope of California Government Code Section 6254.16. That Section provides that certain information and records are not subject to requests made for records pursuant to the provisions of the California Public Records Act (being California Government Code Section 6250 *et seq.*). Those policies and directives are set out in Mesa Water's Public Records Act Policies and are incorporated herein by this reference. Such policies were and are enacted by the Board pursuant to Water Code Sections 31000, 31001 and 31024 and shall be, and are, part of these Rules and Regulations.

1.6 ESTABLISHMENT OF RATES

In accordance with the California Water Code, the Board fixes the Water Rates and other related Fees and Charges. Periodically, the Board reviews and adjusts the Rates, Fees, and Charges.

The Water Rate and Charge Schedule is available at the Mesa Water Office and is posted on the website at www.MesaWater.org.

1.7 GUIDELINES AND INTERPRETATIONS

The General Manager shall have the authority to adopt additional guidelines or generate written interpretations of these Rules and Regulations where necessary for day-to-day operations until such time as the Board chooses to act on such matter or on an indefinite basis if the matter is strictly operational. The General Manager shall make the Board aware of any day-to-day changes or adopted guidelines.

1.8 SEVERABILITY

If any section, subsection, sentence, clause or phrase of these Rules and Regulations is for any reason held to be invalid or unconstitutional, such decision shall not affect the remaining portions of these Rules and Regulations. The Board hereby declares that it would have passed these Rules and Regulations by section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses, or phrases be declared invalid or unconstitutional.

1.9 AMENDMENTS

The Board reserves the right, in its sole discretion, to amend these Rules and Regulations from time to time.

SECTION 2 – CONDITIONS FOR SERVICE

2.1 ACCESS TO PREMISES

Authorized employees of Mesa Water, upon presentation of credentials and during reasonable or necessary hours, and at any frequency ~~per~~ in accordance with the business needs of ~~the District~~ Mesa Water, shall have free access including, ~~but~~ and not limited to, gate codes and keys or key cards, to any premises supplied with Water by Mesa Water for the purpose of reading meters, making repairs, inspections, examinations or tests of the Water System upon said premises and to ensure compliance with these Rules and Regulations.

If any authorized employee is refused admittance to any premises, or is hindered or prevented from reading meters, making repairs or inspections, examinations or tests, Mesa Water may cause the Water to be turned off from said premises after giving 24 hours' notice to the Owner or occupant of said premises of the intention to do so. In the case of major Violations, health hazards, or for shut off due to non-payment Mesa Water may cause the Water to be turned off without notice.

2.2 OPERATION BY MESA WATER EMPLOYEES

~~All of the Mesa Water's District's Water~~ System, including ~~but not limited to, Wwater~~ Water pipelines, reservoirs, fire hydrants, manholes, pumping stations, valves, connections, treatment facilities and every other appurtenances and property, shall be under the management and control of the General Manager. No other persons, except authorized employees of Mesa Water, shall have any right to enter upon, inspect, operate, adjust, change, alter, move, or relocate any portion of the foregoing or any of Mesa Water's property without the written consent of the General Manager or the General Manager's Designee(s). ~~In the event that~~ If an unauthorized person(s) enters upon, inspects, operates, adjusts, changes, alters, or relocates any facilities without written consent from the General Manager or the General Manager's Designee(s) then Mesa Water reserves the right to prosecute such an unauthorized person to the fullest extent of the law.

2.3 ENFORCEMENT OF EXISTING SERVICE CONNECTIONS

Existing Service Connections shall be brought into compliance with these Rules and Regulations when the Customer of Record is notified of a Violation or non-compliance by Mesa Water. The notification will include a compliance date. Failure to comply by the compliance date may result in appropriate action(s) by Mesa Water, up to, and including, termination of Water Service.

2.4 MESA WATER'S RIGHT TO INTERRUPT SERVICE

Mesa Water reserves the right ~~at any and all times~~ to shut off Water Service for

emergency, operational, or maintenance purposes.

Mesa Water will make reasonable efforts to minimize negative impacts and provide appropriate notice to the Customer(s) when shutdowns occur. However, Mesa Water assumes no liability for ~~the~~ damages, real or monetary, as a result of such shutdowns or interruptions in service.

2.5 MESA WATER LIMITS OF RESPONSIBILITY AND LIABILITY

Mesa Water assumes no responsibility for the maintenance or operation of the Customer's Water System or facilities beyond the Point of Ownership.

Mesa Water assumes no responsibility or liability if damage or injury is the result of the Customer or Customer of Record violating these Rules and Regulations.

Mesa Water does not, and will not, assume any liability for damages to private property or for personal injury as a result of interruptions in Water Service or variations in Water pressure as provided for herein.

2.6 CUSTOMER LIABILITY

Except to shut off Water to prevent damage, no person other than an authorized Mesa Water employee shall, at any time or in any manner, operate or cause to be operated, any valve in or connected with a Water Main, Service Connection or fire hydrant or tamper or otherwise interfere with any Water meter, check valve or other part of the ~~District's~~ Mesa Water's Water System, except the Customer Control Valve. In the event a person, for any reason, digs out or uncovers a corporation stop, angle meter stop or valve controlling a Water supply, lifts or removes a meter box cover or its center piece or causes or suffers any such act to be done, such person will be held liable to Mesa Water for any injury or damage occasioned thereby or resulting there from. In addition, the Customer of Record will be held liable to Mesa Water for any costs incurred for repairing, replacing, or adjusting any meter or other appurtenances which have been damaged due to negligence or carelessness, including ~~but~~ and not limited to, damages caused by hot Water or steam from a boiler.

Tampering with the lock, meter or appurtenances, unauthorized service restoration or in any other manner interfering or tampering with Mesa Water's property, is prohibited ~~per~~ in accordance with these Rules and Regulations and California Penal Code Sections 498, 592, 624 and 625. Penalties for such interference will be charged in accordance with the Water Rate and Charge Schedule to the Customer of Record. Criminal penalties, as set out in State Law, may also apply.

2.7 VIOLATIONS AND ENFORCEMENT

Mesa Water shall have the right to terminate service to any Customer or property who fails to comply with these Rules and Regulations. Such discontinuance of service shall occur after the Customer of Record has been given notice to remedy such non-compliance and to cease and desist from such Violation or infraction, and a reasonable opportunity thereafter within which to comply with said notices. Such time may be specified in the notice to comply/desist. No such notice need be given where the non-compliance, Violation or infraction of any rule or regulation by the Customer results, or is likely to result, in a dangerous or unsanitary condition or a health, pollution or system hazard on the Customer's premises or in the ~~District's~~ Mesa Water's Water System or elsewhere, or where discontinuance of service is necessary to protect Mesa Water from fraud, loss or abuse.

By definition, non-compliance with any condition or conditions of these Rules and Regulations, Application for New Service or Application for New Service Permit, whether willfully or by accident, shall constitute a Violation. The General Manager may assess a fine to the Customer of Record, as stated in the Water Rate and Charge Schedule (~~R~~refer to Mesa Water's website at www.MesaWater.org), for each Violation of these Rules and Regulations and for each incidence involving the intentional and improper taking of Water. Each day that a Violation of these Rules and Regulations continues, or each day such intentional and improper taking of Water continues, shall be treated as a separate Violation of this provision. No further Water Service shall be provided to such Customer or property by Mesa Water until such charge has been paid or otherwise satisfied. If the charge is paid under protest, the Customer of Record may file a written appeal to the Board.

2.8 CORRECTIVE ACTION

Any person, firm, corporation, association, or agency found to be violating any provision of these Rules and Regulations or the terms and conditions of the Application for New Service, Application for New Service Permit, or applicable State or local statutes, regulations, ordinances, or other requirements shall be served by Mesa Water with written notice stating the nature of the Violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently ~~cease~~cease, or cure ~~all~~ such Violations. Failure to conform or comply with such notice within the stated time period may subject the noticed party to ~~all~~ rights and remedies available at law or in equity to Mesa Water. This Section 2.8 is in addition to, and not by way of derogation of, any other remedies or procedures available to Mesa Water by law, regulation, or pursuant to any of the provisions of these Rules and Regulations.

2.9 RIGHT OF APPEAL

Notwithstanding any of the provisions of these Rules and Regulations concerning Water Service, any aggrieved Customer of Record, who remains dissatisfied with the final

decision of the General Manager in administering these Rules and Regulations, may appeal, in writing, such final decision to the Board. The Board shall hear such appeal and render its decision. The decision of the Board shall be final.

The Board may, in its sole, absolute, and exclusive discretion, refer any such appeal to either (i) a committee appointed by the Board, which committee may include Board members, staff members or both (exclusive of the General Manager) (Appeals Committee); or (ii) a hearing officer designated by the Board (Hearing Officer), either of which will have full authority to hear and administer any appeal on behalf of the Board or to bring to the Board recommendations as the Board shall direct. The Appeals Committee or Hearing Officer, as applicable, may be charged with the duty of developing a summary of the issues on appeal and/or developing a recommendation as to the disposition of such appeal based on evidence and information presented and received, for presentation to the Board. The Board's determination shall thereafter be based on such presentation by the Appeals Committee and Hearing Officer. The General Manager may not serve as the Hearing Officer for these purposes.

SECTION 3 – WATER BILLING AND CUSTOMER SERVICE

3.1 RESPONSIBILITY FOR ACCOUNT

The Owner of the property to which Mesa Water provides Water Service shall be responsible for ~~all~~ Water ~~Service-related~~Service-related costs and Fees, and shall establish Water Service in their name to become the Customer of Record. The property Owner may allow a tenant or other responsible party to become the Customer of Record.

The Customer of Record, or the Applicant on the Application for New Service (~~R~~refer to Appendix 1), is responsible for ~~all~~ Water ~~Service-related~~Service-related Charges, costs and Fees until Mesa Water is notified that the account is being closed, or a new Customer of Record is named to the account. The Customer of Record is responsible for services, and Water used up to, and including the day the account is closed.

The Customer of Record is responsible for ensuring the completeness and accuracy of ~~all~~ personal, financial, and contact information provided to Mesa Water.

3.2 NEW ACCOUNTS AND SERVICE ESTABLISHMENT

Customers requesting Water Service, and to become a Customer of Record, shall contact Mesa Water's Customer Services staff during business hours to establish an account prior to Water Service being turned on. Subject to the terms set out in these Rules and Regulations, Water service will be provided upon request where there is an existing service line and meter. If Mesa Water determines that Water may run uncontrolled at a property and no Person is present at the property, then Water Service will not be turned on.

Requests must be made at least one Business Day in advance of the requested first day of service, ~~in order to~~to ensure timely service establishment. If one Business Day advance notice is not given prior to the desired first day of service, then a Fee to expedite service establishment may be applied to the corresponding account.

A Customer of Record shall provide the following identifying information ~~in order to~~to establish service:

- Full Legal Name
- Date of Birth, if applicable
- Social Security Number or U.S. Federal Tax Identification Number
- State or U.S. Federal Issued Identification Number (e.g., Driver's License), if applicable
- U.S. Mailing Address
- Additionally, Named Person(s) or Contact Person(s)
- Phone Number(s)

- E-mail Address

Mesa Water uses communication software to deliver timely service and community information to Mesa Water customers. ~~All~~ Mesa Water customers will be automatically signed up to receive notifications via text, email, or voice message. Customers can opt-out of receiving such notification at any time and can adjust their preferences directly from the email notification or by replying STOP to any text message.

3.3 CLOSING OF ACCOUNTS

A Customer of Record requesting to disconnect Water Service shall contact Mesa Water's Customer Services staff during business hours at least one Business Day prior to closing an account.

The Customer of Record will be responsible for payment for ~~all~~ Water registering on the meter up to and including the day the final meter reading is obtained. The Water Service shall be turned off and the meter will be locked at the time of the final meter reading, unless a new Customer of Record has notified Mesa Water that they will be responsible for service to that property and meter.

A closing bill will be prepared, which reflects the Charges for ~~all~~ Water registering on the meter at the time of final reading, any previous balances owed (including prior bills, Fees, and Charges) and the Basic Charge, which shall be prorated based on the number of days in service.

~~Per~~ In accordance with California Health and Safety Code Section 17920 and California Civil Code Section 1941.1, buildings lacking ~~Water-water Service-service~~ are considered substandard and non-tenantable. Therefore, should any domestic Water Service or service providing ~~Water-water~~ for fire suppression be closed, service will not be left on between parties taking financial responsibility. Mesa Water has no liability to furnish Water for consumptive use or for fire suppression to an uninhabited building. Should Mesa Water find or determine that persons may be inhabiting said building lacking domestic or fire ~~Water-water ServiceserviceService~~, ~~the District~~ Mesa Water may, in its sole discretion and without legal obligation, contact the local Building Safety Authority or law enforcement agency to advise them of such situation. Mesa Water shall not be subject to any voluntary assumption of risk or liability as a result of taking such action(s).

3.3.1 Credits on Closed Accounts

Closed accounts may have credits due to overpayments, Deposit refunds and/or other reasons.

Credits may be refunded to the Customer of Record in one of the following methods, ~~per~~ by their request and at the discretion of Mesa Water:

- ~~The District~~Mesa Water may transfer the credit to another account of which the Customer is the current Customer of Record.
- A refund check will be sent to the mailing address listed on the applicable account.

Unclaimed credits will be processed in accordance with State regulations.

3.4 BILLING AND MEASUREMENT OF WATER SERVICE

Bills cover a specified period of service, which is stated on the Water bill.

Billing frequency will be on regular intervals as determined by Mesa Water.

Bills for Water Service will be based on two components, in addition to any applicable surcharges, the Basic Charge and the Usage Charge. The Basic and Usage Charges will be imposed in accordance with the Water Rate and Charge Schedule.

Mesa Water reserves the right to estimate Water usage based on past usage in the case of meter failure.

An additional Charge may be applied to Basic and Usage Charges for accounts that receive Water Service outside of Mesa Water's service area in accordance with the Water Rate and Charge Schedule.

Mesa Water may periodically collect various surcharges imposed by other government entities, including ~~but~~and not limited to, those assessed or imposed by the Orange County Local Agency Formation Commission, State Water Resources Control Board, or the California Department of Water Resources. Mesa Water does not set these surcharges ~~but~~and has a legal responsibility to collect them. These mandatory surcharges are due and payable along with billings for Water Service, and follow the same billing, delinquency, and collection process as such.

Water bills shall be dated as of the Presentation Date. ~~All bills~~Bills are due and payable no later than the Due Date.

3.5 PAYMENTS

The Customer of Record is responsible for complete and timely payment of ~~all~~Mesa Water bills.

Non-receipt of a bill does not release the Customer of Record from payment obligation.

Cash payments for ~~all~~services provided by Mesa Water must be made at the Office currently located at 1965 Placentia Avenue, Costa Mesa, California.

No payment by any method will be accepted by Mesa Water employees away from the Office.

Payments received without sufficient information to properly credit an account may be returned without being processed. As set forth herein, accounts for which no payment is made or processed may be subject to Fees/Charges including, ~~but~~and not limited to, Delinquent Fees.

Upon receipt, payment(s) to an account shall be credited in the following order, or priority, as shall be applicable:

- To pay outstanding Charges, Fees, and applicable Delinquent Fee(s), in order of oldest to newest; then,
- To pay current Charges and Fees; and then,
- To replenish or provide any required Deposit amounts.

Any funds held as a Deposit for an account shall be applied to pay applicable bills, Charges, or other Fees due and owing on such account, at the time a delinquency would otherwise occur.

3.5.1 Payments Made at the Mesa Water Office

Payments made at the Mesa Water Office may be in the form of cash, credit card, check, cashier's check, or money order. Payments can be made online at the Office via the computer located in the lobby.

Payments made at the Office by close of a Business Day will be credited to the account that same day. Payments received in the night drop box by the opening of business on a regular Business Day will be credited to the account that Business Day. Mesa Water's business hours are posted at the Office and online.

3.5.2 Payments Made by Mail and to the Lockbox

Payments made by mail will be credited to the account on the same day that they are received by Mesa Water, or the lockbox service provider, so long as proper account and payment information is included.

Postmark dates are not accepted or considered in posting payments to an account.

3.5.3 Payments Made by Third Party Vendor

Mesa Water accepts payments by credit/debit card through its approved third-party administrator that may impose a convenience fee to the Customer for this service.

Customers may call Mesa Water's Customer Services staff at 949.631.1200 or visit the website at www.MesaWater.org ~~in order to to~~ obtain the toll-free number.

Payments made to Mesa Water through its third-party administrator(s) will be credited to the Customer of Record's account on the date of transaction. If the Customer's service is in danger of termination, then the Customer should notify Mesa Water that a payment has been made by providing the confirmation number following payment. It is the responsibility of Customers using any third-party administrator for payment to ensure timely payment is made to Mesa Water.

3.5.4 Payments Returned by Bank

Should any payment, including, ~~but~~and not limited to, check, credit card, online payment, or Electronic Fund Transfer, be returned by Mesa Water's or Customer's bank for any reason, the Customer of Record will be notified, and a Returned Item Fee will be charged against the account(s) to which the payment had been credited. The Returned Item Fee will be assessed in accordance with the Water Rate and Charge Schedule. Should a Customer of Record have two returned payments within 12 months, Mesa Water may require ~~all~~ payments by or on behalf of such Customer of Record be made by cash, cashier's check, money order, or credit/debit card for a period of up to 24 months. ~~The District~~Mesa Water~~District~~ may reduce the time for the foregoing requirement on a case-by-case scenario at the sole discretion of the General Manager or the General Manager's Designee(s).

Returned Item Fees are due and payable immediately. Returned Items Fees are payable by cash, cashier's check, money order or credit/debit card.

Mesa Water may ~~waive choose not to collect~~ the ~~Returned returned Item item Fee fee~~ if the assessment of the ~~Returned returned Item item Fee fee~~ was due to ~~the District its own~~ or ~~District's its bank's bank~~ error. In its sole discretion, Mesa Water may choose not to collect~~waive~~ the Returned Item Fee for other reasons not listed herein. ~~Should If~~ Mesa Water ~~waives waive~~ the Returned Item Fee for reasons other than ~~District its own~~ error, it may be waived one time per account in a rolling 24-month period, or at the discretion of the General Manager or the General Manager's Designee(s).

3.5.5 Payment Extensions

A payment extension is a payment arrangement ~~in which~~where the due date for the entire unpaid balance is delayed to avoid delinquent ~~Charges charges~~ or service termination. Agreement to payment extension(s) is within the sole discretion of Mesa Water. An account may ~~only~~ have only one active payment arrangement at a time.

Payment extension arrangements may be made between Mesa Water and the Customer of Record prior to the due date on any invoices during the billing process. The Customer

of Record must adhere to the terms of the payment extension ~~in order to~~ avoid Delinquent Fees or service termination, and the account being ineligible for payment extensions and payment plans for 12 months.

Payment extensions may not extend beyond 30 calendar days; otherwise, a payment plan shall be arranged (~~s~~See Section 3.5.6 for Payment Plans).

3.5.6 Payment Plans

A payment plan is a payment arrangement in which the entire unpaid balance is spread out over multiple payments over a defined period of time. Agreement to a payment plan is within the sole discretion of Mesa Water. An account may ~~only~~ have only one active payment arrangement at a time.

The Customer of Record must adhere to the terms of the payment plan ~~in order to~~ avoid Delinquent Fees or service termination, and the account being ineligible for payment extensions and payment plans for 12 months.

3.5.7 Financial Assistance

~~Per~~ In accordance with California Proposition 218 (1996), Mesa Water is unable to use revenues derived from Water Rates and Charges for any purpose other than delivering Water. Mesa Water is legally prohibited from using revenues from Water Rates and Charges to subsidize costs of service to its Customers.

Mesa Water may direct Customers to non-profit and charitable organizations that may ~~offer assistance~~ help in paying Water bills.

3.5.8 Overpayments and Credits

~~Should~~ If an account ~~be~~ is overpaid due to any reason, regardless of purposeful or accidental, the overpayment will remain on the corresponding account as a credit against future Charges.

Requested refunds of less than \$100.00 and greater will not be approved. Requested refunds of \$100.00 will be considered on a case-by-case scenario.

Requested refunds will be processed with approval by the Chief Financial Officer, General Manager, or the General Manager's Designee(s).

3.6 DELINQUENCIES

Customers that have questions or require assistance regarding the payment of water bills should contact Mesa Water District Customer Services Department at 949.631.1200 or visit the Office at 1965 Placentia Avenue, Costa Mesa.

Regular and closing bills have a Due Date of not less than 28 days from the Presentation Date. Unpaid bills are considered delinquent if payment is not received by the Due Date shown on the bill; and a Delinquent Fee will be assessed in accordance with the Water Rate and Charge Schedule.

3.6.1 Delinquent Bills

A Delinquent Fee will be assessed to the account, in accordance with the Water Rate and Charge Schedule, and a delinquent bill will be sent to the Customer of Record if payment is not received by Mesa Water by the regular or closing bill's Due Date. Delinquent Fees are due and payable immediately with the outstanding balance of the bill.

The delinquent bill will have a Due Date within 28 calendar days after the Presentation Date.

The Delinquent Bill will be a mailed notice to the Customer of Record and will contain:

- The Customer of Record's Name and Service Address.
- The amount of the delinquency.
- The date by which payment or payment arrangement must be made to avoid termination of service.
- A description of the procedure by which the Customer of Record may request a Payment Extension or Payment Plan.
- The procedure for the customer to obtain information on financial assistance, if applicable; and,
- The telephone number where the Customer of Record may request a Payment Extension, Payment Plan, or receive additional information from ~~the District~~Mesa Water.

Delinquent Fees are administrative and may be waived one time per account in a rolling 24-month period, or at the discretion of the General Manager or the General Manager's Designee(s) up to \$5,000.

3.6.2 Final Written Notice of Service Termination (Final Notice)

A Final Notice Fee will be assessed to the account, in accordance with the Water Rate and Charge Schedule, and a Final Notice bill (Final Notice) will be sent to the Customer of Record if payment is not received by Mesa Water by the Due Date of the delinquent bill. Final Notice Fees are due and payable immediately with the outstanding balance of the bill.

The Final Notice will have a Due Date not less than 28 calendar days after the Presentation Date.

The Final Notice will be a mailed notice to the Customer of Record and will contain:

- The Customer of Record's Name and Service Address.
- The amount of the delinquency.
- The date by which payment or payment arrangement must be made to avoid termination of service.
- A description of the procedure by which the Customer of Record may request a Payment Extension or Payment Plan.
- The procedure for the customer to obtain information on financial assistance, if applicable; and,
- The telephone number where the Customer of Record may request a Payment Extension, Payment Plan, or receive additional information from ~~the District~~Mesa Water.

Where a landlord-tenant relationship between the residential occupants and the owner, manager, or operator of the dwelling exists, or if the Customer of Record's mailing address is not the Service Address, then a Final Notice will also be mailed, at least 10 days prior to water service termination, to the Service Address attention "Occupant" or "Current Resident" as deemed appropriate by Mesa Water. The Final Notice will also notify the tenant of its opportunity to become the customer of record without being required to pay any amount that may be due on the landlord delinquent account.

The Final Notice is Mesa Water's final written attempt to collect a past due balance before Water Service is terminated.

Where the delinquent account provides Water Service to more than one residential dwelling unit (for example, apartment buildings), when practical, a Final Notice will be delivered to each dwelling unit benefiting from the service. However, if this step is not practical, the Final Notice shall be posted in a common area accessible to residents. Additional Fees may be charged for this service, in accordance with the Water Rate and Charge Schedule.

If payment of ~~all~~ Water bills, Fees, Charges and Deposits is not received by the Due Date of the Final Notice then Water Service may be terminated.

Final Notice Fees, and Fees related to the Final Notice, are administrative and may be waived one time per account in a rolling 24-month period, or at the discretion of the General Manager or the General Manager's Designee(s).

3.6.3 Notice of Pending Water Service Termination for Non-Payment

In addition to the written notice(s), as described herein, Mesa Water will also make a reasonable attempt to personally contact the Customer of Record by telephone, e-mail, in person, or by posting a Notice of Pending Water Service Termination in a conspicuous place at the Service Address, at least 48-hours prior to terminating service. This personal contact is Mesa Water's final attempt to collect a past due balance before Water Service is terminated.

The Notice of Pending Water Service Termination will contain ~~all of~~ the following:

- The Customer of Record's Name and Service Address.
- The amount of the delinquency.
- The date by which payment or payment arrangement must be made to avoid termination of service.
- A description of the procedure by which the Customer of Record may request a Payment Extension or Payment Plan.
- The procedure for the customer to obtain information on financial assistance, if applicable; and,
- The telephone number where the Customer of Record may request a Payment Extension, Payment Plan, or receive additional information from ~~the District~~Mesa Water.

The Notice of Pending Water Service Termination shall be provided in writing, in person, or by telephone contact/message.

3.7 TERMINATION OF WATER SERVICE FOR NON-PAYMENT

Mesa Water strives to provide excellent customer service, and ~~as such~~ provides many opportunities and assistance to avoid Water Service termination. However, after ~~all~~ past attempts have failed to resolve an unpaid balance, and consistent with these Rules and Regulations, the Water Service shall be terminated.

Mesa Water's written policy on termination of water service for non-payment is available in English, Spanish, Chinese, Tagalog, Vietnamese, and Korean. A printed copy of this policy is available at Mesa Water's Office and on the website.

3.7.1 Circumstances Under Which Water Service Will Not be Immediately Terminated After Exhausting Procedures in Section 3.6

- During an investigation by ~~the District~~Mesa Water of a customer dispute as described in Sections 3.13.1 – 3.13.3.
- During the pending of an appeal to the Board of Directors under Section 2.9.

- During the period ~~of time in which a~~when the Customer of Record's payment is subject to a District-approved Payment Extension or Payment Plan and the Customer of Record remains in compliance with the approved payment arrangement.

3.7.2 Special Medical and Financial Circumstances Under Which Water Service Will Not be Terminated

Mesa Water will not terminate water service if all of the following conditions are met:

- The Customer of Record, or tenant of the Customer of Record, submits to Mesa Water the certification of a licensed primary care provider that termination of water service will be life threatening to, or pose a serious threat to the health and safety of, a resident of the premises where residential service is provided.
- The Customer of Record demonstrates that he or she is financially unable to pay for residential service within the normal billing cycle. The customer is deemed financially unable to pay during the normal billing cycle if: (a) any member of the customer's household is a current recipient of CalWORKs, CalFresh, general assistance, Medi-Cal, Supplemental Security Income/State Supplementary Payment Program, or California Special Supplemental Nutrition Program for Women, Infants, and Children, or (b) the customer declares under penalty of perjury that the household's annual income is less than 200 percent of the federal poverty level; and,
- The Customer of Record is willing to enter into an alternative payment arrangement, including a Payment Extension or Payment Plan.

The Customer of Record is responsible for demonstrating that the conditions of Section 3.7.2 have been met. Upon receipt of documentation from the Customer of Record, Mesa Water will review the documentation within seven days. ~~The District~~Mesa Water will then respond within seven days with one of the following: (1) Notify the customer of the alternative payment arrangement selected by Mesa Water and request the Customer of Record's signed assent to participate in that alternative payment arrangement; (2) Request additional information from the Customer of Record; or (3) Notify the Customer of Record that they do not meet the conditions in Section 3.7.2.

For any Customer of Record who demonstrates that they meet all of the above conditions, Mesa Water will offer the customer one of the following options, to be selected by ~~the District~~Mesa Water at the discretion of the General Manager or the General Manager's Designee(s):

- Payment Extension, as described in Section 3.5.5.
- Payment Plan, as described in Section 3.5.6.

The Customer of Record must adhere to the terms of the Payment Extension or Payment Plan as stated in Sections 3.5.5 and 3.5.6 to avoid Water Service termination. However, any unpaid balance that was included in the defaulted alternative payment arrangement will not be considered in any investigations or reviews by ~~the District~~Mesa Water.

3.7.3 Days and Times of Service Termination Due to Non-Payment

Mesa Water will only terminate Water Service due to non-payment during its regular business hours.

3.7.4 Procedures for Terminating Water Service for Non-Payment

When a Mesa Water employee arrives at the service address to terminate Water Services for non-payment, a Service Termination Trip Fee will be assessed. Fees and Charges associated with termination of service as a result of non-payments are shown in the Water Rate and Charge Schedule. When Water Service is terminated, the meter will be locked in the off position and a tag will be attached to the meter notifying Customers that tampering with the meter and lock is prohibited ~~per~~in accordance with Section 2.6 of these Rules and Regulations and California Penal Code Sections 498, 592, 624, and 625.

Service Termination Trip Fees ~~recuperate~~recover the staff, equipment, and fuel costs associated with visiting the property to terminate service, and therefore cannot be waived, except at the discretion of the General Manager or the General Manager's Designee(s).

In the case where a property is served by multiple accounts and services and they are the financial responsibility of the same Customer of Record, then the additional and all services may be terminated until the balance(s) have been satisfied.

If payment is not received within 10 days of termination of service, the account will be closed, and the process as described in Section 3.3 shall be followed.

3.8 RESTORATION OF WATER SERVICE

Following service termination for non-payment, the Customer of Record must contact Mesa Water by telephone or in person at the Office regarding restoration of water service.

All amounts owed, including ~~all~~ bills, Fees, Charges, and Deposits, must be paid, or otherwise satisfied before Water Service will be restored. If the Water meter has been removed, ~~all~~ Fees must be paid before a Water meter is re-installed. Fees for the service restoration are shown in the Water Rate and Charge Schedule.

Service will be restored on the same Business Day that the account balance has been satisfied if conditions permit. Otherwise, the service will be restored the following Business Day.

Service Restoration Trip Fees ~~recuperate~~ recover the staff, equipment, and fuel costs associated with visiting the property to restore service, and therefore cannot be waived, except at the discretion of the General Manager or the General Manager's Designee(s)

3.9 PROCEDURES FOR OCCUPANTS OR TENANTS TO BECOME CUSTOMER OF RECORD OF MESA WATER DISTRICT

3.9.1 Applicability

This Section 3.9 shall apply only when the property owner, landlord, manager, or operator of a residential service address is listed as the Customer of Record and has been issued a Final Notice to terminate water service due to non-payment.

3.9.2 Agreement to Mesa Water Rules and Regulations for Water Service

Mesa Water will make Water Service available to the actual residential occupants if each occupant agrees to the Rules and Regulations for Water Service and meets the requirements of Mesa Water's Rules and Regulations. Notwithstanding, if one or more of the occupants are willing and able to assume responsibility for the subsequent charges to the account to the satisfaction of Mesa Water, or if there is a physical means, legally available to ~~the District~~ Mesa Water, of selectively discontinuing service to those occupants who have not met the requirements of the Mesa Water's Rules and Regulations, ~~the District~~ Mesa Water shall make service available to the occupants who have met those requirements.

3.9.3 Verification of Tenancy

To be eligible to become a Customer of Record without paying the amount due on the delinquent account, the occupant shall verify that the delinquent account's Customer of

Record is or was the landlord, manager, or agent of the dwelling. Verification may include, ~~but~~and is not limited to, a lease or rental agreement, rent receipts, a government document indicating that the occupant is renting the property, or information disclosed pursuant to Section 1962 of the Civil Code, at the sole discretion of Mesa Water ~~District~~.

3.9.4 Deductions from Rental Payment

Pursuant to Government Code Section 60371(d), any occupant who becomes a Customer of Record of Mesa Water District pursuant to this Section 3.9 and whose periodic payments, such as rental payments, include charges for residential Water Service, where those charges are not separately stated, may deduct from the periodic payment each payment period ~~all~~ reasonable charges paid to ~~the District~~Mesa Water for those services during the preceding payment period.

3.10 COLLECTIONS

Mesa Water may, at its sole discretion, transfer unpaid and uncollected balances on accounts to any active or new account(s) under the control and responsibility of the same Customer of Record.

Mesa Water may contract with a collection agency for the recovery of any outstanding balances on closed accounts. The past due account must be paid in full or otherwise be arranged for payment within 90 calendar days of the delinquent closing bill due date before being sent to a collection agency. Any account that is sent to a collection agency may be subject to a collection agency Fee, as set forth in the Water Rate and Charge Schedule.

Mesa Water or its collection agency may report on unpaid balances to credit bureaus.

3.11 DEPOSITS

Deposits may, at the discretion of Mesa Water, be required on accounts when any of the following situations occur:

- The Customer of Record's account contains insufficient identification information, as listed in Section 3.2.
- The account receives two Final Notices of Service Termination (Final Notices) within a 24-month period.
- Service is terminated for non-payment.
- The Customer of Record files for bankruptcy or a related Order for Relief.
- Two payment items are returned by the Customer of Record or District's bank within the last 12 months.
- Tampering or damage to District appurtenances including, ~~but~~and not limited to, the Water Service meter.

- The Water Service was off and locked without a current Customer of Record, and Mesa Water has determined that the Water Service has been turned on without the express permission of ~~the District~~ Mesa Water and Water has passed through the meter.

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Deposits will be held on the account until one of the following occurs:

- Bills are paid consecutively on time for a period of at least 24 months.
- The account is closed. However, if the Customer of Record becomes the holder of another account with Mesa Water, the Deposit may be transferred to the new account.
- If the Customer of Record provides sufficient identification information as listed in Section 3.2.
- In this case, the Customer of Record must still have a satisfactory payment history of at least 24 months.

Deposits do not excuse future late payments or prevent future Delinquent Fees from being assessed.

Deposits will be refunded as a credit on the account. If the account is being closed, then the Deposit will be used to satisfy the balance on the account before any refund is issued. A closing bill stating any remaining balance will be issued to the Customer of Record. If there are remaining funds, the credit process will follow the procedures listed in 3.3.1, Credits on Closed Accounts.

The standard amount of the Deposit is shown in the Water Rate and Charge Schedule. However, the amount of the Deposit may be set differently at the discretion of the General Manager or the General Manager's Designee(s) in an amount sufficient in his/her judgment to ensure that future bills will be paid when presented. Additional Deposit amounts may be collected in the future to account for higher bills. Mesa Water may make a payment arrangement with the Customer of Record if the Deposit creates an immediate financial hardship.

Any interest accrued on a Deposit will not be refunded to the Customer of Record.

Deposit requirements may be waived once every 24 months or per the discretion of the General Manager or the General Manager's Designee(s).

3.12 CUSTOMER BANKRUPTCY

When Mesa Water receives notice that a Customer of Record has filed for bankruptcy, the Customer of Record's account(s) will be closed, as soon as possible following receipt of such notice. The date used for purposes of determining the amount to be included in the bankruptcy is the date of filing on the notification form. Any outstanding balances as of that time will be considered within the scope of such bankruptcy proceedings and Mesa Water may file a claim accordingly.

A new Customer account will be created for such Customer of Record should the Customer of Record request ongoing service. A Deposit will be charged in accordance

with the Water Rate and Charge Schedule and Section 3.11 of these Rules and Regulations for Water Service. Subject to the provisions of these Rules and Regulations, Mesa Water will not terminate service unless otherwise directed by the Customer of Record.

3.13 CUSTOMER INQUIRIES, DISPUTES, AND COMPLAINTS

~~All~~ Customer inquiries, disputes, and complaints will be handled as expeditiously as reasonably possible. In some instances, extensive research will be required, thus extending the time required for resolution, and the Customer will be so informed.

3.13.1 Billing Disputes

Any dispute by the Customer of Record of the amount owed, as shown on a bill or invoice, must be raised within 10 days of the date of billing produced on the bill or invoice, otherwise the bill or invoice will be considered correct and payable.

Only the disputed portion of the bill may be set aside by Mesa Water pending resolution of the dispute. The Basic Charge plus any outstanding balance, Charges or Deposits must be paid. The undisputed portion of the bill must be paid in accordance with these Rules and Regulations for Water Service governing undisputed bills or invoices.

A timely request for investigation will be reviewed by Mesa Water. The review will include consideration of whether the Customer of Record may receive a Payment Extension, Payment Plan, or none. Mesa Water may, in its sole discretion, review untimely disputes; however, such disputes are not subject to appeal.

In the case of a Water usage dispute, Mesa Water employees will re-read the meter and determine if the usage and bill are correct.

- If the usage is correct, the bill shall be due and payable as presented.
- If the usage is incorrect, the bill will be reissued with the correct usage. The billing and payment process will start over for that portion of the bill.

Multiple similar requests made by the Customer of Record for the same service address may not be able to be fulfilled based upon employee availability and the business needs of Mesa Water ~~District~~.

Any Customer of Record whose timely dispute has resulted in an adverse determination may appeal the determination to the Board of Directors within 10 business days of ~~the District~~ Mesa Water's ~~District's~~ mailing or communication of its determination, following the process outlined in Section 2.9.

3.13.2 Meter Inquiries and Testing

If the Customer of Record is concerned that the meter is not operating correctly or is not accurate, the Customer of Record may submit a completed Customer Service Meter Test Request form (Refer to Appendix 2). Mesa Water will arrange for an approved third-party testing facility chosen by and facilitated by ~~the District~~Mesa Water to test, the meter for accuracy based on standards by the American Water Works Association (AWWA). Prior to the removal of the meter for testing, Mesa Water shall require a meter test Deposit in accordance with the Water Rate and Charge Schedule. Meter test Deposits will be refunded if the meter is determined to be recording outside the prescribed limits for meter accuracy as described herein.

If the meter is found to be registering three percent on average in excess of the actual quantity flowing through the meter based on meter accuracy standards by the AWWA, Mesa Water will replace the defective meter, refund the meter test Deposit and refund to the Customer of Record the full amount of the overcharge based on the corrected meter readings for the previous period, not exceeding six months from the date of the written request, that the meter was in use by the same Customer of Record.

If the meter is not found to be defective and does not register three percent in excess, then the meter test Deposit shall be forfeited to Mesa Water and the Water bill shall be due and payable as presented.

If the meter is found to be registering less than 97 percent on average of the actual quantity flowing through the meter, based on meter accuracy standards by the AWWA, the meter will be replaced, and the Customer of Record may be assessed based on the average consumption for up to six preceding months during which the meter was in use and found to have been registering correctly.

3.13.3 High Water Use Investigations

Customers may request that Mesa Water assist them in the determination of possible leaks or other conditions, which may result in ~~higher than normal~~higher-than-normal Water usage. Inspections may be arranged with Mesa Water to check the Water meter for potential flow indicating a leak. Such requests will be handled by appointment only. Appointments may be arranged by contacting Mesa Water's Customer Services staff. Multiple similar requests made by the Customer of Record for the same service address may not be able to be fulfilled, based upon employee availability and the business needs of ~~the District~~Mesa Water. In performing leak determinations, Mesa Water does not provide any warranty or guarantee of accuracy thereof. Mesa Water does not provide leak investigations on private property.

3.13.4 Water Quality Inquiries

Mesa Water strives to provide Customers with high quality Water. ~~at all times.~~ If a Customer suspects any problem with the quality of Water provided the Customer may contact ~~the District~~ Mesa Water and a Mesa Water employee will arrange to meet with the Customer at home or business to investigate the concern. Information regarding Water quality analyses of ~~the District~~ Mesa Water's ~~District's~~ Water is available to the public. Mesa Water's annual Water Quality Report is available on ~~the District~~ Mesa Water's ~~District's~~ website, and printed copies are made available during business hours at the Office.

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SECTION 4 – CONSTRUCTION OF WATER FACILITIES AND APPURTENANCES

4.1 APPLICATION PROCESS

Any person, firm, or corporation who wishes to install, remove, alter, or replace, or cause to be installed, removed, altered, or replaced, any Water facility or appurtenance connected to, or part of, ~~the District~~Mesa Water System must obtain a Permit from Mesa Water to do such work.

Any person legally entitled to apply for and receive the Permit shall complete the Mesa Water supplied Application for New Service form. The Applicant shall submit the Application for New Service form, a complete subdivision map when applicable and a Water facility construction plan showing the proposed Service Connection thereon, signed by ~~an~~ Civil-Engineer registered in the State of California. All maps and plans shall be to the standards, size and drawn on material specified in the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities.

4.1.1 Plan Check Process

After payment of the Plan Check Fee (Refer to Appendix 3 for Payment Voucher), Mesa Water's District Engineer, or an authorized designee or other appropriate employee, will review such plans in accordance with the plan check process located in the Standard Specifications and Drawings for the Construction of Mesa Water Facilities. All plans must conform to the current Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities before they will be approved.

The Plan Check Process must be completed within six months of payment of the Plan Check Fee for Residential – Meter Upgrade Only, Residential – Single Family, Residential – Multi-Family (5-8 Units), Residential – Multi-Family (9-30 Units), and Commercial/Industrial - <50,000 Square Feet projects. The Plan Check Process must be completed within 12 months of payment of the Plan Check Fee for Residential – Multi-Family (31-50 Units), Residential – Multi-Family (>50 Units), Residential – Multi-Family (Apartments), and Commercial/Industrial - >50,000 Square Feet projects. An extension may be granted at the discretion of the General Manager or the General Manager's designee. If the Plan Check Process is not completed within said time period, the customer project will be closed and the Applicant forfeits all money, except Capacity Charges, paid to Mesa Water in connection with the customer project. The Applicant will be required to reapply for new service.

4.1.2 Issuing the Permit

Upon approval of such plans, and upon receipt of required Fees and Charges, including Capacity Charges, Mesa Water shall validate and issue a Permit.

The Permit shall be valid for a period of one year from the date of issuance. If construction has not commenced within said year, the Permit automatically becomes invalid and the Applicant forfeits all money, except Capacity Charges, paid to Mesa Water in connection with the Permit. The Applicant will be required to reapply for a new Permit.

4.1.3 Water Service Agreement

Before Water Service is provided, the Applicant shall enter into a Water Service Agreement (Refer to Appendix 6) with Mesa Water regarding the terms under which Mesa Water shall provide Water Service to the Applicant. The Applicant shall complete, sign, and submit a Water Service Agreement. Mesa Water shall enter into the Water Service Agreement only upon approval of the development project and payment by the Applicant of required Fees and Charges set forth in the Water Service Agreement. No Water Service shall be provided by temporary Water Services or by any other means until the Water Service Agreement has been signed by Mesa Water and the Applicant.

4.1.4 Fees and Charges

Mesa Water employees will determine the Fees and Charges applicable to new development in accordance with the Water Rate and Charge Schedule adopted by the Board of Directors.

4.1.5 Capacity Charges

Mesa Water has adopted Capacity Charges in the amounts specified in the Water Rate and Charge Schedule. The Capacity Charges will be used to assist Mesa Water in paying for the facilities and improvements to ~~the District~~ Mesa Water's District's Water System required by this development.

~~All~~ Rules and Regulations governing Capacity Charges in their entirety are applicable to the same property for which a Water Service Agreement is in effect.

4.1.5.1 Calculating the Capacity Charge

As herein provided, the amount of the applicable Capacity Charge(s) shall be determined by the District Engineer ~~(based on the Capacity Charge rate approved by the Board of Directors).~~ ~~All decisions in regard thereto shall be based on sound engineering practices consistent with new development paying only the amount of money necessary to fund its fair share of facilities required to provide Water capacity.~~

Capacity Charge credit for existing ~~5/8~~ 5/8-inch and ~~3/4~~ 3/4-inch meters will be applied based on a ratio of the maximum flow rate for that meter using a 1-inch meter as base line for the credit. ~~In all other cases,~~ the Capacity Charge shall be assessed in accordance with the Fee schedule contained in the Water Rate and Charge Schedule.

At the time the Applicant requests meters to be installed, Mesa Water will review the assessed Capacity Charge. If there have been changes in the project which affect the Capacity Charges, additional Capacity Charges will be assessed, or a refund will be credited to the meter costs. The meters will not be installed until both the meter costs and all applicable Capacity Charges have been paid.

Capacity Charge credits are the possession of the property Owner and under no circumstances are to be severed from the real property for which such credits were paid. For commercial developments, the property Owner shall provide a letter granting a tenant the right to any Capacity Charge credit(s), if said credits are to be attributed to anyone other than the property Owner.

No Capacity Charges will be assessed if an Applicant is removing a meter and is replacing it with a meter of the same size, providing that one of the following conditions also be satisfied:

- The new meter is installed on the same service line from which the old meter is removed; or
- The new meter is installed on a new service line and the existing service line is abandoned when the old meter is removed.

Mesa Water does not assess Capacity Charges for dedicated ~~fireline~~Fireline Service Connections or temporary service connected to fire hydrants.

4.1.5.2 Calculating Capacity Charge Credits on Meters Pulled at the Time of Redevelopment

Mesa Water will apply a Capacity Charge credit on an account for meters that will be pulled at the time the property is redeveloped, providing one of the following conditions is satisfied:

- The old meter is pulled, and a new meter of a different size is installed on the existing service line; or
- The old meter is pulled, and the existing service line is abandoned. Any new meters of different sizes shall be installed on new service lines.

The District Engineer or an authorized designee will determine the Capacity Charge credit on the meter that is pulled ~~per~~in accordance with the Water Rate and Charge Schedule.

The credit will be based on the Capacity Charge in effect for the meter size being pulled according to the building classification and Water use type the meter presently serves.

If the Capacity Charge credit exceeds the Capacity Charge calculated on the new meters,

the excess credit may be carried forward with the property for additional development. The excess credit will be discounted five percent each year that it is carried and at the 15th year, the credit can no longer be used. Any excess credit may only be used once. Subsequent excess credit cannot be carried forward.

The number of years used for Capacity Charge credit will be determined by calculating the number of years between the date the Application for New Service Permit was issued for the redevelopment project for which the credit originated and the date the Application for New Service Permit was issued for the redevelopment project for which the Applicant wishes to use the credit.

No Capacity Charge credit will be allowed for the removal of Automatic Fire Sprinkler Service Connections.

4.1.5.3 Calculating Capacity Charge Credits on Meters Pulled Prior to Redevelopment

Mesa Water will apply a Capacity Charge credit on meters pulled prior to the redevelopment of the property providing that all every one of the following conditions be satisfied:

- The service line to which the meter was once connected is still connected to ~~the District~~Mesa Water's~~District's~~ Water System; and
- The Pulled Meter was recorded, and the record is on file at Mesa Water; and
- The new meters that will be installed are a different size (upgrade or downgrade) from the meters that were pulled prior to the redevelopment of the property; and
- A new meter shall be installed on the service line, to which the meter was once connected, or the service line shall be abandoned, and the new meter shall be installed on a new service line.

Mesa Water will not apply a Capacity Charge credit for meters where both the meter and the service line were abandoned prior to the redevelopment of the property.

The District Engineer or an authorized designee will determine the appropriate credit amount.

The credit on the Pulled Meter will be based on the Fee in effect for the meter size being replaced according to the building classification and Water use type the meter previously served.

The credit is subject to a five percent reduction for each year that the meter was pulled prior to the Application for New Service Permit. No credit will be given for meters that were pulled 15 years or more prior to the date the Application for New Service Permit is issued.

The number of years that will be used for the reduction in Capacity Charge credit will be determined by calculating the difference between the date on file at Mesa Water that the meter was pulled and the date the Application for New Service Permit is issued.

In the case where the new meters being installed are the same size as the meters that were pulled, Mesa Water will apply a discount on the amount of the Capacity Charge calculated on the new meters, providing all every one of the following conditions are satisfied:

- The service line to which the meter was once connected is still connected to ~~the District~~Mesa Water's~~District's~~ Water System; and
- The Pulled Meter was recorded, and the record is on file at Mesa Water; and
- A new meter shall be installed on the service line to which the meter was once connected, or the service line shall be abandoned, and the new meter shall be installed on a new service line.

The amount of the discount will be based on the length of time since the meter was pulled. The length of time will be determined by calculating the difference between the date on file at Mesa Water that the meter was pulled and the date the Application for New Service Permit is issued.

4.1.5.4 Application of Capacity Charges to Public Agencies

For purposes of this section "Public Agency" shall have the same meaning as set forth in Government Code Section 54999.1(c) or any successor section thereto.

Any development or application to Mesa Water for increased Water Service by any Public Agency shall be subject to a Capacity Charge. The amount of such Capacity Charge shall be determined under Section 4.1.5 of these Rules and Regulations. The determination of the Capacity Charge with regard to an individual Public Agency development project shall be made based on the same criteria and methodology applicable to non-public Applicants.

The assessment of the Capacity Charge on any school district, county office of education, community college district, the California State University, the University of California, or State agency, as defined in Government Code Section 54999.1(g), (collectively referred to as "School/State Agency" for the purposes of this Section) shall be subject to the following:

The Capacity Charge shall be paid by such School/State Agency in an amount equal to the actual construction costs of that portion of ~~the District~~Mesa Water's~~District's~~ Water System actually providing, or needed to provide, service to such School/State Agency.

To the extent that the appropriate Capacity Charge to such School/State Agency is in

excess of the amount equal to the actual construction costs, the assessment and collection of said Capacity Charges may be adjusted on a case-by-case basis by the District Engineer.

4.1.5.5 Use of Recycled Water

If a Capacity Charge was calculated, in whole or in part, based on the average annual usage that included service that is later replaced by the use of Recycled Water, upon written request, the Customer of Record shall be entitled to a rebate (without interest) of a portion of the Capacity Charge paid to Mesa Water, provided the Customer of Record has entered into an agreement with Mesa Water for the provision of Recycled Water at the same property for which the Capacity Charge was paid.

The rebate shall be calculated based on the original Capacity Charge paid and the amount of Recycled Water subsequently provided and used on such property. Mesa Water shall pay the rebate to the Customer of Record 30 days after the Customer begins receiving Recycled Water Service from Mesa Water.

New Recycled Water meter connections are not currently available, ~~unless previously approved by Mesa Water and Orange County Water District.~~

4.1.6 Bonds and Conditions for Release of Bonds

As security for guarantee against defective material or work quality and as security for guarantee of the completion of the proposed project, the Applicant shall deliver to Mesa Water a Construction Performance Bond (Bond) in accordance with the Rate specified in the Water Rate and Charge Schedule. The Bond must be received and approved by Mesa Water prior to ~~the District~~Mesa Water's~~District's~~ final approval of plans or issuance of the Application for Water Service permit.

Mesa Water will accept only a cash bond as payment for the Bond. The bond amount is calculated at 10 percent of the Water utility construction cost, or \$1,000 whichever is greater.

The Bond, whether cash or a surety, will be eligible for release one year after all of the following conditions have been satisfied:

- All Fees and Charges are paid current; and
- The project has been completed to the satisfaction of Mesa Water; and
- Mesa Water has received and has recorded with the County Recorder's office all necessary documents of conveyance and guarantees.

Approximately one year after all of the above conditions have been satisfied, Mesa Water will conduct a follow-up inspection of the Water facilities. If the facilities are free from

defective material and work quality, and all Fees and Charges are current, the Bond will be released. The Bond will stay in effect until all such conditions are met.

4.1.7 Document of Conveyance and Guarantee

Easements shall be approved and accepted by the Board prior to the installation of meters. The document(s) will transfer to Mesa Water all interest and title to such system and appurtenances, guaranteed free of all liens, together with necessary deeds, ~~easement~~easements, or rights-of-way, as applicable, for future maintenance and upkeep. Documents of conveyance shall be received not less than 60 days' prior installation of meter that was requested to allow sufficient time for Board consideration and approval.

For a period of one year after acceptance of the work by Mesa Water, repair, or replacement of ~~any and all~~ dedicated facilities that may prove to be defective in work quality or materials, together with any other works that may be displaced in so doing, shall be at the sole cost and expense of the Applicant. Such repair or replacement shall be without expense whatsoever to Mesa Water unless the repair(s) or replacement(s) were the result of ordinary wear and tear or unusual abuse or neglect by ~~the District~~Mesa Water.

In the event of an emergency, as determined by Mesa Water, ~~the District~~Mesa Water shall notify the Applicant of any defect and shall immediately proceed to have the defects repaired or replaced at the expense of the Applicant, who shall pay the costs and Charges upon demand.

~~In the event that~~If Mesa Water becomes aware of a defect in material or work quality, which does not involve an emergency, ~~the District~~Mesa Water shall will notify the Applicant and the Applicant shall undertake to accomplish the necessary repair or replacement. If within one week from the date of notification the Applicant has not accomplished the necessary corrective procedures or made satisfactory arrangements thereof, Mesa Water ~~shall will~~ proceed to have the defects repaired or replaced at the expense of the Applicant, who shall pay the costs and Charges upon demand. ~~by the District.~~

~~In the event that~~If the Applicant fails to pay for the costs and Charges resulting from repairs or replacements of the facilities as provided in this section, Mesa Water reserves the right to reduce the amount of, or draw upon, the Applicant's security bond by the amount necessary to cover any such costs and Charges.

4.2 CONSTRUCTION OF WATER FACILITIES

The Applicant is required to perform construction with the assistance of a licensed Contractor (Class A or C34).

It will be the responsibility of the Contractor to furnish ~~all~~ materials that meet the specifications contained in the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. It also will be the responsibility of the Contractor to provide ~~all~~ labor and equipment necessary to install the Water facilities in conformance with the approved plans and the specifications contained in the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities.

4.2.1 Underground Service Alert

The Contractor shall be responsible for researching utility records and indicating the location of ~~all~~ known utilities on the plans. At least two Business Days before beginning the work, the Contractor shall call U.S.A. (Underground Service Alert) at 1.800.227.2600 for utility Owners to mark the location of substructures. It shall be the Contractor's responsibility to determine the true location and depth of ~~all~~ utilities and Service Connections. The Contractor shall become familiar with the type, material, age, and condition of any utility that may be affected by the work.

The Contractor shall not interrupt the service function or disturb the supporting base of any utility without authority from the utility Owner or on order from Mesa Water.

Where protection is required to ensure support of utilities, the Contractor shall furnish and place the necessary protection at the Contractor's expense.

The Contractor shall immediately notify the District Engineer and the utility Owner if the Contractor disturbs, disconnects, or damages any utility.

4.2.2 Safety Requirements

The Contractor must adhere to ~~all~~ appropriate CAL/OSHA safety requirements while on the job site. The Contractor shall have at the job site, copies or suitable extracts of Construction Safety Orders, Tunnel Safety Orders and General Industrial Safety Orders issued by the California State Division of Industrial Safety. The Contractor shall comply with provisions of these and ~~all~~ other applicable laws, ordinances, and regulations.

Mesa Water accepts no responsibility for the Contractor's compliance with any aspect of safety regulations and the Contractor will hold harmless, indemnify and defend Mesa Water, its employees, officers, and board members from any liability with regard to compliance with any safety requirement.

4.2.3 Charges for Damages

It will be the Contractor's responsibility to "protect in place" ~~all~~ Mesa Water facilities. In the event it becomes necessary for ~~the District~~ Mesa Water to ~~provide assistance to assist~~

the Applicant, the Contractor, or any third party, or to make repairs to Mesa Water's facilities damaged by any of the above, ~~the District~~ Mesa Water will charge the Applicant, Contractor, or third party for the actual cost of assistance and/or repairs plus its full overhead Rate.

4.2.4 Valves and Water Main Shutdowns

It shall be the Contractor's responsibility to keep ~~all~~ valves exposed and accessible at all times. If a Water Main shutdown is required, only Mesa Water employees are authorized to perform shutdown operations. The Contractor shall notify Mesa Water's Engineering staff and affected users at least 72 hours in advance in areas where shutdown is requested.

4.2.5 Mesa Water Inspection

~~All new~~ New Water facilities shall be subject to inspection by Mesa Water or its authorized ~~District~~ Agent(s). Such facilities shall be installed in accordance with the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. Inspection of new Water facilities shall be scheduled in accordance with the requirements of the issued permit and accompanying inspection checklist.

The Contractor shall notify Mesa Water's Engineering staff at least two Business Days prior to the commencement of construction of any water facilities.

Contractors requiring inspection outside Mesa Water's business hours shall be charged ~~the District's~~ Mesa Water's full overhead Rate and overtime Rate. Requests for after-hours inspections shall be made in writing to ~~the~~ Mesa Water's Inspector a minimum of five Business Days in advance.

Water facilities under construction shall be under the Customer's control and under the management of an onsite superintendent designated by the Customer or the Contractor and approved by Mesa Water. The onsite superintendent shall be responsible for the installation, operation, and maintenance of the onsite facility, equipment, enforcement of these Rules and Regulations, and prevention of Cross Connections and potential hazards. The onsite superintendent or his representative shall be available via telephone at numbers listed with Mesa Water for contact during business hours (Monday through Thursday from 7:00 a.m. to 4:30 p.m. and Friday from 7:00 a.m. to 3:30 p.m.) and after hours.

4.2.6 Size, Location, and Installation of Water Services

Mesa Water reserves the right to determine the size of the meter and Service Connection and determine location of the meter and Service Connection in relation to boundaries of the premises to be served.

Mesa Water reserves the right to limit the number of houses or buildings, or the area of the land, under one ownership, to be supplied by one Service Connection. When property provided with a Service Connection is subdivided, the Service Connection shall be considered as belonging to the lot or parcel of land that it directly enters.

A Service Connection shall not be used to supply an adjoining property.

If a Service Connection relocation is more than five feet laterally from the existing Service Connection, it will be considered a new Service Connection.

~~New~~All new fire Service Connections ~~must~~shall have a fire service tattle-tale meter installed ~~per~~in accordance with the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities.

Mesa Water reserves the right to require the installation of a fire service meter on an existing fire service, at the Owner's expense, ~~per~~in accordance with the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities if it has been determined by ~~the District~~Mesa Water that Water from the fire service has been illegally used ~~by the Owner~~.

4.2.7 Meter Installation

~~All meters~~Meters shall be provided and installed by Mesa Water and shall remain the property of Mesa Water. Meters ~~the District at all times, though committed to a particular Service Connection, and~~ shall be maintained, repaired, replaced, and ~~meters~~ read by Mesa Water employees. The Applicant shall pay the cost of installing meters at the time the permit is issued before any meters will be installed. The Fees for meter installation will be in accordance with the rates in the Water Rate and Charge Schedule.

4.2.7.1 Meter Equipment Standards

Mesa Water shall install meter styles, registers, and communications endpoints based on the type of use, as delineated in Table 1.

Table 1. Meter Technology by Type of Use

Meter Use	Meter Style	Register	Communications Endpoint
1. Residential ¹	Nutating Disc	8-Digit HR-E	None
2. Multi-Unit Residential ^{2/3}	Nutating Disc	8-Digit HR-E	Migratable
3. High Density ⁷	Master Meter	8-Digit HR-E	Cellular
4. Irrigation (<2")	Nutating Disc	8-Digit HR-E	Cellular
4b. Irrigation (>2")	Turbo	8-Digit HR-E	Cellular
5. Firelines	5/8" Tattletale	8-Digit HR-E	Migratable
6. Commercial ⁴	<3" Nutating Disc >3" Combo Meter	8-Digit HR-E	Migratable ⁵
7. High-Use ⁵	<3" Nutating Disc >3" Combo Meter	8-Digit HR-E	Cellular
8. Hard to Access ⁶	Varies	8-Digit HR-E	Cellular

Notes:

1. Single-family detached home that does not meet the criteria of Notes 2 and 3.
2. Single-family detached or attached townhomes with 30 or more units with meters located in front of home and within a development community.
3. Single-family homes within a development community with meters located within the public right-of-way in a meter bank shall not be equipped with migratable endpoints.
4. Meter size varies based on fixture unit count. Combo meters shall be designed for low and high flow usage patterns based on proposed architectural drawings and plumbing plans.
5. Meters are considered high use when average monthly flows are greater than 65 HCF/month (1"), 100 HCF/month (1.5"), 200 HCF/month (2"), 450 HCF/month (3"), 850 HCF/month (4"), 1,400 HCF/month (6"), and 3,000 HCF/month (8") shall be equipped with a cellular endpoint.
6. Hard to access locations shall be determined by the Meter Reading Group and submitted to the Plan Checker for integration into the approved plans.
7. Master Meter installations shall follow the requirements of Section 4.2.8.2 herein.

The District Engineer or General Manager reserves the right to evaluate and amend the meter, register, or endpoint type of the Table 1 requirements on a case-by-case basis.

4.2.7.2 High-Use Customers

Existing high-use customers with average annual usage greater than the values shown in Table 2 may be equipped with real-time metering equipment at no additional cost to the customer. New development projects will be evaluated for high flow applications

during the plan check process and high flow usage will be based on the proposed fixture count and criteria in Table 2. High-use customers shall receive metering equipment with cellular endpoints that send automatic usage data to the meter reading system.

Table 2. Minimum Use to be Designated as High-Use Customer

Meter Size	High Use (~~Units of Water per Month as~~ Monthly use in units of 100 Cubic Feet)
~~5/8"~~	~~65~~
~~3/4"~~	~~65~~
1"	65
~~1.5 1/2"~~	100
2"	200
3"	450
4"	850
6"	1,400
8"	3,000

4.2.7.3 Non-High Use Customers

Non-high use Customers are customers with usage equal to or lower than the average annual usage shown in Table 2. Non-high use customers shall have meters equipped with meter registers as identified in Section 4.2.7.1. Non-high use customers may request Mesa Water to install a real-time meter with a cellular endpoint and access for the cost of the equipment, installation labor, and monthly access fee. The non-high use customer shall be billed for the total cost of the meter equipment, cellular endpoint, installation, and set-up over a one-year period on the customers' regular bi-monthly bill or pay in a lump sum. New meter equipment shall be installed to obtain real-time metering service. The monthly access fee will be billed to the customer on the same billing cycle as their regular water bill and continue in perpetuity or until terminated by the customer.

Termination of the real-time metering program will be granted with a minimum of 30 days written notice to Mesa Water and complete repayment of all equipment and labor installation costs.

4.2.8 ~~Single Meter Policy~~ Metering Meter Policy

~~Individual dwelling units shall must be individually metered. Mesa Water's standard metering Policy is that individually owned units shall be individually metered unless otherwise set forth in these Rules and Regulations.~~

~~All meters shall be placed in public right of way unless approved easements are accepted by the District Engineer and approved by the Board of Directors per Section 4.2.15.~~

4.2.8.1 ~~Standard Location of Meters~~ Multi-Family Buildings Policy

~~Multi-family buildings may apply for a master meter given the following conditions:
Building has 10 or more and separate units.
Building is greater than three Levels.~~

~~However, Mesa Water recognizes that there may be local and individual conditions that make individual metering not feasible. Therefore, the Board delegates to the General Manager the authority to waive the single meter per unit Policy on a case-by-case basis according to the following standards:~~

~~Mesa Water's Policy of appropriate distribution of costs to all consumers still applies. For example, regardless of whether a party occupies the traditional single-family residence or occupies a condominium unit, the same Basic Charge, plus the cost of the Water would apply.~~

- ~~• A development shall be billed on the greater of the following: the cost of Water used, plus the Basic Charge based upon actual meter size, or the cost of Water used, plus the number of individual units multiplied by the Basic Charge for the size of meter that would have been installed at each unit, if the variance had not been granted.~~
- ~~• In addition, Mesa Water shall require a letter signed by the appropriate officer or Customer Agent stating that the appropriate entity accepts full responsibility for payment of all Water bills, and that in the event of transfer of ownership, the new Owner(s), or Owners association, accepts full responsibility for payment.~~

~~The District Engineer shall review each case and make recommendations to the General Manager. The General Manager shall report to the Board about each variance granted, the location, Owner, and conditions.~~

~~Except as provided for in Section 4.2.8.2, meters shall be installed in the public right of way.~~

4.2.8.2 Alternative Location of Meters

~~At the sole discretion of Mesa Water, when installation of individual meters adjacent the curb in the public right of way is physically impossible, impractical, or unsafe, individual meters may be located on private property in approved easements which are approved and accepted by the District Engineer and approved by the Board of Directors in accordance with the instructions provided herein~~

4.2.8.3 Standard Metering

~~Meters are installed at the standard location and serve an individual dwelling unit.~~

4.2.8. ~~42.12~~ Master Meter Policy Master Metering

Mesa Water recognizes that there may be local and individual conditions that make individual metering not feasible as follows:

- ~~Residential meter installations of 30 or more meters located on a manifold within the public right of way.~~
- ~~Conflicts with existing infrastructure that would result in non-traditional meter installations.~~
- ~~Commercial complexes with continuously changing tenants.~~

In such cases, the Board delegates to the General Manager the authority to waive the single meter per unit Policy on a case by case basis according to the following standards:

- ~~Mesa Water's Policy of appropriate distribution of costs to all consumers still applies. For example, regardless of whether a party occupies the traditional single-family residence or occupies a condominium unit, the same Basic Charge, plus the cost of the Water would apply.~~
- ~~A development shall be billed on the greater of the following: the cost of Water used, plus the Basic Charge based upon actual meter size, or the cost of Water used, plus the number of individual units multiplied by the Basic Charge for the size of meter that would have been installed at each unit, if the variance had not been granted.~~
- ~~A development shall be billed on the greater of the following: the Capacity Charge based upon actual meter size, or number of individual units multiplied by the Capacity Charge for the size of meter that would have been installed at each unit, if the variance had not been granted.~~
- ~~In addition, Mesa Water shall require a letter signed by the appropriate officer or Customer Agent stating that the appropriate entity accepts full responsibility or payment of all Water bills, and that in the event of transfer of ownership, the new Owner(s), or Owners association, accepts full responsibility for payment.~~

~~The District Engineer shall review each case and make recommendations to the General Manager. The Board of Directors will be notified through the Developer's Status Report when a master meter has been installed. Documentation for waiving the single meter unit Policy will be kept in the project file.~~ Master metering without meters for individual dwelling units is prohibited.

Master Metering combined with individual dwelling unit meters installed on private property may be approved provided that:

- The District Engineer must review and approve each such request.
- The Master Meter(s) shall be located in the public right of way.
- Water infrastructure downstream of the Master Meter shall be privately owned.
- Mesa Water will own individual meters installed on private property and easements shall be granted to Mesa Water to access and maintain such individual meters.

4.2.8.5 Capacity Charges, Basic Charges, and Water Charges for Developments with Master Meters

For fees and charges based on meter size, the Customer will be charged the greater of the amount determined by the size of the Master Meter or the amount determined by the sum of all individual meters that would be required without the Master Meter.::

4.2.8.63 Landscape Irrigation Meters

A Landscape Water meter is smeters are defined as a dedicated Water Service meter that provides Water for outdoor uses including ~~but not limited to~~ landscape irrigation, pools, ~~and spas,~~ water features, etc.

- Multi-tenant commercial or residential developments must have an individual meter(s) serving common irrigated landscape areas.
- ~~All new~~ irrigated landscapes of 1,000 square feet or more ~~shall require~~ must have a separate landscape Water meter, ~~except~~ those for single-family residential developments.
- ~~All new single family residential irrigated landscapes of 5,000 square feet or more shall require a separate landscape Water meter.~~
- The meter size for an irrigation system shall be a ~~5/8~~ 5/8-inch or larger.
 - In most cases, the irrigation meter shall be sized based on the peak flow through a single valve of the irrigation system (i.e., highest producing valve). However, Mesa Water reserves the right to further evaluate the system and to select a meter size that best meets the needs of the system. The meter size may be based on multiple valves, branches of the system, square footage, or as deemed most appropriate by Mesa Water.

4.2.9 Submetering and Prohibited Practices

4.2.9.1 Application

This rule pertains to all Customers located within Mesa Water's service area to which Mesa Water provides Water Service. For purposes of this rule, multi-family residential units shall mean two or more residential units served from one Water meter.

4.2.9.2 Prohibited Practices

In the case of multi-family residential units, mobile home parks, and commercial locations that install or use submeters or a submetering system ~~in order to~~ allocate the costs of Water to tenants, subtenants, lessees or similar persons or parties, the following practices shall be prohibited ~~(unless authorized in advance in writing by the Board, or by the General Manager at the direction of the Board)~~:

- 1) No Customer, or contractee with a Customer, shall represent to any submetered tenant, subtenant, lessee or similar person or party that such Customer (or such contractee) is a provider of Water Service or Water Services; and
- 2) No Customer, or contractee with a Customer, shall terminate, or threaten to terminate, Water Service to any submetered tenant, subtenant, lessee or similar person or party by reason of non-payment of any allocated costs for Water.

A Violation of this rule occurs whenever Mesa Water becomes aware of a Violation of Rule 4.2.9.2 (1) or 4.2.9.2 (2), as set forth above. Upon Mesa Water becoming aware that such a Violation has occurred, Mesa Water shall provide written notice to the Customer of Record to cure such Violation, and the notice shall include (i) a statement of the nature of the Violation, (ii) the date upon which Mesa Water became aware of the Violation, and (iii) a date by which the Customer of Record shall cure such Violation. If such Violation is not cured by the date stated in the notice, the provisions of Rule 2.7 of these Rules and Regulations shall apply. Any such Violation shall be reported by the General Manager to the Board of Directors, in writing, together with a description of the action(s) taken to compel enforcement of these Rules and Regulations as soon thereafter as shall be practical.

Customers of Record that have submeter systems attached to ~~the District~~Mesa Water's District's Water System shall comply with ~~all~~ applicable laws, statutes and regulations of the State of California and the city in which they are located, or the County of Orange, as applicable.

Mesa Water ~~encourages efforts, including submetering, that support and promote the efficient use of Water within its service area; however, it~~ does not encourage, favor, or support any submetering system or process that is used to generate revenue(s) over and above the fair and reasonable cost of installation of such system, fairly allocated costs of Water, and reasonable administrative costs.

4.2.10 Automatic Fire Sprinkler Service Connections

When an ~~a~~Automatic Fire ~~s~~Sprinkler Service Connection (AFSSC) is installed, the control valve will be left closed and sealed until a written order to turn on the Water is received by Mesa Water from the Customer of Record.

After an AFSSC is activated, Mesa Water shall not be liable for damages of any kind whatsoever that may occur on or to the premises served, due to the installation, maintenance, or use of such AFSSC, or due to pressure fluctuations or interruption of Water supply.

Should the Customer request an AFSSC be shut off, Mesa Water must receive, in advance of the shut off, a written order from the Customer of Record and written approval from the appropriate fire department or authority.

Water is not to be used through an AFSSC for any purpose other than the extinguishing of fires, or a purpose related thereto. Mesa Water shall have the right to shut off the entire supply of Water to the premises through the AFSSC when improper use occurs or for non-payment of bills. Mesa Water will notify the appropriate fire department or authority prior to any such termination.

~~Should~~ If Water ~~be is~~ used through an AFSSC for an unauthorized purpose, the Customer of Record shall be charged for the unauthorized taking of Water in accordance with the Water Rate and Charge Schedule. A fireline meter indicating flow will result in a letter being sent to the Customer of Record. It is the Customer of Record's duty to determine if there is an illegal connection or leak and make the necessary repairs.

4.2.10.1 Down-Stream Residential Fire Sprinkler Systems

Certain residential dwelling units located within Mesa Water's service area may have installed, or may in the future install, fire sprinkler systems that are connected downstream of Mesa Water's service meter (Point of Ownership) (for purposes of this Section, a "System"). Mesa Water hereby provides notice that it is not responsible, and assumes no liability of any kind, for the installation, ownership, operation, or use of any such System. The provisions of Sections 2.4 and 2.5 of these Rules and Regulations shall apply to any such System. Mesa Water expressly declines to provide, or guarantee, any particular Water Service, or pressure, to a Customer, or Customer account, that has such a System, and no contractual obligation therefore shall arise, whether through a Water Service Agreement or otherwise, without the express prior written agreement of the Board. Mesa Water assumes no liability whatsoever for any injuries or damages, of whatever nature, that arise or occur based on the installation, ownership, or use of any such System. The provisions of this Section shall be in addition to, and not in derogation of, Mesa Water's statutory protections applicable to such matters.

4.2.11 Fire Hydrant Installation

The appropriate fire department or authority having jurisdiction shall designate the size and location of ~~all~~ fire hydrants to be installed. Fire hydrants shall be installed in the parking or sidewalk area adjacent to the curb within the public right of way. ~~Residential and commercial developments requiring fire hydrants shall be considered private fire~~

~~hydrants. Mesa Water shall not be responsible for maintaining or relocating private fire hydrants.~~ Upon request and approval by the appropriate fire agency, Mesa Water will change the location of fire hydrants owned and operated by Mesa Water ~~the District~~ when necessary. At the sole cost of the property Owner, Mesa Water may relocate a public fire hydrant with approval from the appropriate fire protection authority.

Fire hydrants located inside residential and commercial developments requiring fire hydrants shall be considered private fire hydrants. Mesa Water is not responsible for maintaining or relocating private fire hydrants. Private fire hydrants shall be installed downstream of a backflow device installed, operated, and maintained in accordance with the Rules and Regulations of Mesa Water District.

4.2.12 Water Main Extensions

Mesa Water will extend its Water distribution Mains to individual developers at the expense of the property Owner. If Mesa Water deems it necessary to install larger Mains for future use, ~~the District~~ Mesa Water will bear the costs of such oversizing.

4.2.13 Benefited Property Agreement

~~In the event that~~ If a Mainline extension or a new Mainline will benefit adjacent properties, at its discretion, Mesa Water may enter into a benefited property agreement with developer(s) of the adjacent properties. ~~All~~ The terms and conditions of such a benefited property agreement will be subject to approval by the Board of Directors.

4.2.14 Regulation of Booster Pumps

When it becomes necessary, due to low ~~Water-water~~ pressure or special operating conditions, to install a booster pump on the service to any premise, connection shall be made through an approved cross connection control device upstream of the pump. ~~Such~~ such pump shall be equipped with a low-pressure cut-off switch designed to shutoff the pump when ~~a~~ Water-water pressure on the inlet side is 25 pounds per square inch gauge (PSIG) or less. It shall be the duty of the Customer of Record to maintain the cut-off device in proper working order and certify to Mesa Water, at least once a year, that the device is operable. A person deemed competent by Mesa Water shall execute low-pressure cut-off device certification. The cross-connection control device shall be tested in accordance and in compliance with Mesa Water's Rules and Regulations.

4.2.15 Acceptance of Easements

Subject to the provisions of this Section 4.2.15, Mesa Water requires that ~~all~~ facilities to convey ~~Ppotable~~ and ~~Reecycled-Recycled Water-Wwater~~ to Customers be installed in the public right-of-way. Mesa Water shall not accept facilities constructed on private property. However, the District Engineer and General Manager may ~~will~~ consider ~~the~~

acceptance of an easement and ~~w~~Water facilities under the following conditions:

- Closed or Dead-End Layout: Developments that contain a closed or dead-end layout that could result in substandard ~~w~~Water quality as determined by the District Engineer; or
- Multiple Unit Developments: Developments ~~with 30 or more individually owned units requiring large Mainline construction requiring a master meter and individually metered units~~ as determined by the District Engineer.

The above conditions shall be at the discretion of the District Engineer and General Manager and subsequent approval of the Board of Directors. Acceptance of an easement by Mesa Water shall include, ~~but~~and not be limited to, the following ~~criterion~~criteria:

- Points of Connection: Customer shall establish a minimum of two points of connection Mesa Water's Mainline system as determined by the District Engineer.
- Easement Preparation and Costs: Easements shall be designed by the Customer at their costs and be certified by a California Registered Professional Land Surveyor. Easement documents shall be submitted to and approved by Mesa Water prior to meters being approved for installation.
- Easement Requirements: A ~~15-feet~~15-foot easement (7.5 feet on each side of Main) shall be granted to Mesa Water for Mainlines and five feet for Water Services (2.5 feet each side of the service). Easements shall include within the boundaries Mainlines, service laterals, fire hydrants and Water meters.
- Water System Repair and Maintenance Responsibilities: Mesa Water shall not be responsible for replacing decorative concrete, pavers, block walls, fences, grass, rock, irrigation systems or other appurtenances within the boundaries of a granted easement as a result of standard maintenance or emergency repair work. Mesa Water shall use asphalt paving to repair maintenance work performed within the easement and only over the location of repair. Mesa Water shall not be responsible for any cost over the cost of replacing the asphalt pavement. This requirement shall be written in the easement document.
- Water System Design Requirements: Mesa Water reserves the right to determine the location of Mains, services, meters, and other appurtenances within the private development.
- City of Costa Mesa Private Gate Waiver: Customers shall not apply to the City or construct a privately gated community. This condition must be written in the easement document and a letter from the City received designating their agreement.
- Hold Harmless Agreement: The Customer shall execute Mesa Water's ~~h~~Hold ~~H~~Harmless ~~a~~Agreement indemnifying ~~the District~~Mesa Water with any existing or future damage caused by its facilities.

SECTION 5 – TEMPORARY WATER SERVICES

5.1 TEMPORARY CONNECTIONS

On a case-by-case basis, Mesa Water will allow the use of temporary connections to ~~the District~~Mesa Water's~~District's~~ Water System when Water Service is needed only for construction, or other purposes as approved by Mesa Water. Mesa Water reserves the right to require the Applicant to use an existing Service Connection whenever feasible.

Mesa Water reserves the right ~~at any time~~ to set a meter on any temporary Service Connection, ~~and~~ collect the required Deposits, and thereafter charge the regular metered Rate for the kind of service to be rendered.

~~All m~~Meters~~meters~~ set on temporary Service Connections will be read by Mesa Water on a regular basis, and ~~all~~ temporary service accounts will be billed monthly or bi-monthly.

5.2 HYDRANT METERS

Water may be ~~procured-obtained~~ from fire hydrants for construction or other purposes only in the manner prescribed in these Rules and Regulations for Water Service. When ~~Water-water~~ is to be ~~procured-obtained~~ from a fire hydrant, the Applicant shall sign a Rules for Hydrant Meters for Construction Water Service form (Refer to Appendix 5) and also an Application Temporary Water Service (Refer to Appendix 4), wherein the Applicant shall specify the location of the fire hydrant to be used, the anticipated length of use and shall agree to make the required Deposit to Mesa Water. Copies of both forms shall be issued to the Applicant and shall constitute authority to procure and make such limited use of the fire hydrant therein designated, through a Mesa Water supplied hydrant meter.

Only Mesa Water employees are allowed to install or remove fire hydrant meters, which shall be subject to the approval of the Customer Services Manager. Private hydrants are not available for use with Mesa Water hydrant meters prior to installation of such meter; the permit holder must pay an Installation Fee in accordance with the Water Rate and Charge Schedule and Mesa Water's Policy DS-009 Hydrant Meters. The permit holder is required to give Mesa Water at least one Business Day (24 hours) notice when requesting the installation (set up) or removal of a fire hydrant meter.

Only Mesa Water employees may relocate a fire hydrant meter. The permit holder must give ~~the District~~Mesa Water at least one Business Day (24 hours) notice when requesting fire hydrant meter relocation. Relocation will only be performed by Mesa Water employees during business hours and a Fee for moving the hydrant meter will be assessed in accordance with the rates listed in the Water Rate and Charge Schedule.

The permit holder is responsible for paying the costs of repairing any ~~damages~~damage to the fire hydrant meters or hydrants. These costs will be the actual cost of repairs plus

Mesa Water’s full labor overhead Rate.

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SECTION 6 – CROSS CONNECTION AND BACKFLOW PREVENTION

6.1 INTRODUCTION

Mesa Water recognizes that it has a responsibility to take ~~all~~-reasonable precautions to protect the public Water supply. Thus, in the exercise of this responsibility, Mesa Water must take ~~all~~-reasonable precautions to protect ~~the District~~Mesa Water's District's Water System from the hazards originating on the premises of its Customers that may degrade the Water in the Water System.

To affect such precautions, Mesa Water has adopted these Rules and Regulations pursuant to the State of California Administrative Code, Title 17 - Public Health entitled "Regulations Relating to Cross Connections."

In addition to these Rules and Regulations for Water Service, the Customer must comply with Public Law 99-339 - the Safe Drinking Water Act and its amendments, ~~all~~-State and local regulations including ~~but~~and not limited to Title 17 - Regulations Relating to Cross Connections, and the latest edition of the Manual of Cross Connection Control from the Foundation for Cross Connection Control and Hydraulic Research, University of Southern California.

These Rules and Regulations were written to assist Mesa Water in safeguarding its Potable Water supply. Mesa Water cannot, and will not, be held liable for actions by others that are beyond its control, including, ~~but~~and not limited to, willful sabotage, deceptive or fraudulent activities, and acts of nature. These Rules and Regulations do not provide regulatory measures for protection of Water users from the hazards of Cross Connection within the Water ~~users~~users' own premises.

6.2 GENERAL PROVISIONS

6.2.1 Protection

Protection shall be accomplished by isolating within the premises, ~~any and all~~-used, degraded, contaminated, or polluted Water or other liquids, mixtures, or substances. Mesa Water recognizes that there are varying degrees of potential and actual hazards; consequently, the degree of protection shall be commensurate with the degree of hazard.

6.2.2 Backflow Prevention Assemblies

Backflow Prevention Assemblies shall be provided and maintained by the Applicant, Owner, or Customer of Record at his/her expense. Such assemblies shall be located on the premises of the property served and shall not be installed on Mesa Water's portion of the Water System. ~~All-s~~Such assemblies shall be readily accessible for testing and maintenance and no assembly shall be submerged at any time or exposed to Recycled

Water, Direct Overspray or Runoff at any time.

From time to time, representatives of any health agency having jurisdiction or Mesa Water may conduct surveys of any premises where Recycled Water Service is provided by ~~the District~~ Mesa Water. The purpose of such surveys is to determine if any actual or potential cross-connections exist. The Applicant, Owner or Customer shall provide reasonable cooperation in facilitating such surveys.

The type of Backflow protection required is related to the degree of hazard that exists on the premises served. The type of Backflow Prevention Assembly that may be required (listed in increasing level of protection) includes Double Check Valve Assembly (DCV), Reduced Pressure Principle Assembly (RPP), and an Air Gap Separation (AG). The Applicant may choose to install an assembly with a higher level of protection than required by Mesa Water. The minimum types required, relative to various situations shall be as required by California Administrative Regulations, Title 17, or to the extent not covered thereby, as determined by Mesa Water or applicable regulatory agency.

It shall be the responsibility of the Applicant on any premises on which Backflow Prevention Assembly(ies) are installed to have competent inspections made at least once a year, or more often in those instances where successive inspections indicate repeated failure.

6.2.3 Unprotected Cross Connections

Unprotected Cross Connections to the public Water supply are prohibited.

6.2.4 New Service Requests

Mesa Water shall review all requests for new service to determine if Backflow protection is needed. Plans and specifications must be submitted to Mesa Water for review of possible Cross Connection hazards as a condition of service for new Service Connections.

6.2.5 Protection Required Before Granting Service

Whenever Backflow protection is found necessary, Mesa Water will require the Customer of Record or Applicant to install an approved Backflow Prevention Assembly at the Customer's expense for continued services or before a new service is approved.

6.2.6 Protect ~~All~~ Water Lines

Wherever Backflow protection is necessary on a Water supply line entering a Customer's premises, ~~any and all~~ Water Service lines from Mesa Water's Mains entering such premises, buildings or structures shall be protected by an approved Backflow Prevention Assembly. The type of assembly to be installed will be in accordance with the

requirements of these Rules and Regulations.

6.3 WHERE PROTECTION IS REQUIRED

6.3.1 Premises Having an Auxiliary Water Supply

Premises that have an auxiliary ~~Water-water~~ supply shall be protected against ~~Backflow backflow~~ of ~~w~~Water from the premises into the public ~~Water-water SystemsystemSystem~~, unless the auxiliary ~~Water-water~~ supply is accepted as an additional source by Mesa Water and is approved by the public health agency having jurisdiction.

6.3.2 Premises Handling Processed Water

Premises, on which any substance is handled in such fashion that it may allow its entry into the ~~Water-water SystemsystemSystem~~; shall be protected against ~~Backflow backflow~~ of the ~~Water-water~~ from the premises into the public ~~Water-water~~ System. Such substances include, ~~but~~and are not limited to, ~~the~~ handling of processed ~~Waters-waters~~ and ~~Waters-waters~~ originating from ~~the DistrictMesa Water'sDistrict's~~ Water System subjected to deterioration in sanitary quality.

6.4 PREMISES HAVING OR POSSIBLY HAVING CROSS CONNECTIONS

Premises that have any one of the following shall be protected against Backflow of the Water from the premises into the public Water System:

- Internal Cross Connections~~:-~~
- Intricate plumbing and piping arrangements susceptible to Cross Connection; or
- Where entry to all portions of the premises is not readily accessible for inspection purposes, making it impracticable or impossible to ascertain whether or not Cross Connections exist.

6.5 TYPE OF PROTECTION

6.5.1 Type of Backflow Assembly

The type of approved Backflow Prevention Assembly shall depend upon the degree of hazard. The decision as to when, where and which assembly to be used shall be made at the discretion of Mesa Water and shall depend upon the facts of each particular situation.

In ~~determining,determining~~ the degree of hazard and the type of approved Backflow Assembly required the following principles shall apply:

- Health or System Hazard – An approved Air-Gap Separation or an approved Reduced Pressure Principle Backflow Prevention Assembly (RPP) shall be used where there is an existing or potential contaminant (health or system hazard).
- Pollution Hazard – A Double Check Valve Assembly (DCV) is to be used where there is an existing or potential pollution (non-health hazard).

6.6 APPLICATION

6.6.1 Structures of More Than Two Stories in Height

At the Service Connection to any premises, where there are more than two stories in height above the Service Connection, an approved Backflow Prevention Assembly shall protect ~~the District~~Mesa Water's District's Water supply.

6.6.2 Residential Buildings with Fire Sprinklers

New residential buildings requiring fire sprinkler protection systems shall utilize a 13D flow through the sprinkler system or install a testable Backflow Prevention Assembly.

Remodeled residential buildings installing fire sprinkler protection systems shall utilize a 13D flow through the sprinkler system or install a testable Backflow Prevention Assembly.

6.6.3 Recirculating Water

At the Service Connection to any premises containing recirculating ~~Water~~water systems (hot or cold); ~~the District~~Mesa Water's District's Water supply shall be protected by an approved Backflow Prevention Assembly.

6.6.4 Five or More Units

At the Service Connection to any premises where there are multiple units or dwellings that have five or more individual units being serviced through one metering system, ~~the District~~Mesa Water's District's Water supply shall be protected by an approved Backflow Prevention Assembly.

6.6.5 Health or System Hazard from Auxiliary Water Supply

At the Service Connection to any premises, where there is an auxiliary Water supply that may constitute a health or system hazard, an approved Air-Gap Separation, or an approved reduced pressure principle Backflow Assembly, or both, shall be installed.

6.6.6 Sewage and Storm Drain Facilities

At the Service Connection to any wastewater treatment plant, wastewater pumping

station or storm Water pumping station, ~~the District~~Mesa Water's District's Water supply shall be protected by an approved Air-Gap Separation. ~~Piping~~All piping between the meter and the receiving vessel shall be entirely visible. If, in the opinion of Mesa Water, an Air-Gap Separation provides insufficient protection, ~~the District~~Mesa Water may require installation of an additional approved Backflow Prevention Assembly(ies).

6.6.7 Hospitals, Mortuaries, Etc.

At the Service Connection to hospitals, medical and dental buildings, mortuaries, and other premises where special hazards exist, ~~the District~~Mesa Water's District's Water supply shall be protected by an approved Reduced Pressure Principle Backflow Prevention Assembly.

6.6.8 Commercial or Industrial Buildings

At the Service Connection to any premises containing commercial or industrial buildings subject to varying and unknown use, ~~the District~~Mesa Water's District's Water supply shall be protected by an approved Backflow Prevention Assembly.

6.6.9 Fireline Services

Approved Double Check Detector Assembly (DCDA) shall be installed on ~~all~~ fireline services, except where, in the opinion of Mesa Water, the DCDA does not provide sufficient Backflow protection. In this case, Mesa Water will require the installation of an approved Reduced Pressure Principle Detector Assembly (RPDA).

6.6.10 Irrigation Services

Meters serving only irrigation systems shall be protected by an approved Reduced Pressure Principle Backflow Prevention Assembly.

6.6.11 Multiple Use Services

In the case of meters serving domestic and fire services (sprinklers), ~~the District~~Mesa Water's District's Water supply shall be protected by an approved Backflow Prevention Assembly that will meet the minimum requirement for the existing or potential hazard.

6.7 INSTALLATION

6.7.1 Only Mesa Water Approved Assemblies

Only Backflow Prevention Assemblies that have been approved by Mesa Water and the DDW shall be acceptable for installation on a Service Connection. Upon request, Mesa Water will provide a list of approved Backflow Prevention Assemblies.

6.7.2 Installation Specifications

Backflow Prevention Assemblies shall be installed in a manner prescribed in Section 7603, Title 17 of the California Administrative Code and they shall be installed on the Customer's side of, and as close to, the Service Connection as is practical. The assembly shall be installed a minimum of 12 inches and a maximum of 36 inches above final grade measured from the concrete pad to the bottom of the assembly and with a minimum of 12 inches clearance on either side. The assembly shall be installed so that it is readily accessible for maintenance and testing. Mesa Water shall have the final authority in determining the required location of a Backflow Prevention Assembly.

6.7.3 Replacement of Obsolete Assemblies

The Customer of Record must replace obsolete Backflow Prevention Assemblies when notified by Mesa Water that the assembly is no longer appropriate or acceptable. An obsolete assembly may be upgraded provided that a factory manufactured upgrading kit is available. The upgraded Backflow Prevention Assembly must be approved by Mesa Water and the California Department of Health Services Office of Drinking Water.

6.7.4 Testing New Assemblies

As soon as the installation of the Backflow Prevention Assembly has been completed, the Customer of Record shall have the assembly tested by a certified tester and submit the test results to Mesa Water within 10 days of the test date. An Orange County Health Department approved list of local certified testers may be obtained at the Mesa Water Office or on the website at www.MesaWater.org.

6.7.5 Right to Reject

Mesa Water reserves the right to reject any installation or assemblies.

6.7.6 Potable Water Plumbing

~~In September 2006, the State Legislature passed Assembly Bill 1953 prohibiting the use of any pipe, pipe or plumbing fitting or fixture, solder or flux that is not lead free in the installation or repair of any fixture intended to convey or dispense Water for human consumption. The prohibition has been in effect since January 1, 2010. All~~ Potable Water facilities shall be provided with materials that meet the lead-free requirements as defined in Assembly Bill (AB) 1953 and certified by an independent American National Standards Institute (ANSI) accredited third party, including ~~but~~and not limited to, NSF International, as ~~being in compliance with~~complying with Section 116875 (g) of the Health and Safety Code as amended by AB 1953. Each shipment shall contain a copy of the certification that the item is lead free as defined by AB 1953.

6.8 INSPECTION AND TESTING

6.8.1 Original Test

~~All~~ Backflow Prevention Assemblies shall be inspected, tested, and certified as operational when the assembly is originally installed, replaced, relocated, or repaired. All tests shall be conducted by a certified tester who shall prepare a report certifying that the assembly has been tested and is operating satisfactorily.

6.8.2 Annual Test by Certified Tester

At the expense of the Customer of Record, all Backflow Prevention Assemblies shall be inspected, tested, and certified as operational at least once a year. All tests shall be conducted by a certified tester who shall complete a Mesa Water Backflow test form report for each assembly certifying that the assembly has been tested and is operating satisfactorily.

6.8.2.1 First Notification

Mesa Water will notify the Applicant, Owner, or Customer(s) when their annual testing is required and supply them with the necessary test form(s) that must be filled out each time a Backflow Prevention Assembly is tested or repaired. Such notice will include the date by which the test must be completed, (generally 30 days after the date of the notice). Copies of the completed forms shall also be sent to the local regulatory agency (OCHCA). The Applicant, Owner, or Customer shall notify Mesa Water any time an assembly is repaired, replaced, or relocated. A Backflow Prevention Assembly shall be repaired or replaced by, and at the expense of the Applicant, whenever it is found to be defective. Records of all such tests and repairs shall be submitted to Mesa Water within 10 days and maintained by the Applicant.

6.8.2.2 Shutoff Notification

A shutoff notice shall be sent to each Customer of Record who does not have the Backflow Prevention Assembly tested within the 30-day period as prescribed in the first notice. The shutoff notice will give the Customer of Record a two-week period to have the applicable Backflow Prevention Assembly tested. If no action is taken within such two-week period, Mesa Water may terminate Water Service to the Customer's premises until the subject assembly is scheduled for testing and testing company calls in to restore Water Service.

6.8.2.3 Customer of Record's Responsibility

The Customer of Record shall cause annual tests to be made of the Backflow Prevention Assembly at the expense of the Customer of Record. Defective assemblies shall be

repaired, overhauled, or replaced immediately at the expense of the Customer of Record. As a courtesy Mesa Water provides a notice of annual testing, ~~but~~and failure to receive such notice shall not relieve the Customer of Record of requirements under this section.

6.8.2.4 Reports

Reports of inspections, tests, repairs, overhauling of the assembly and corrections made shall be submitted to Mesa Water within 10 days of the test date by the certified tester. Such reports shall be submitted to Mesa Water on forms supplied by ~~the District~~Mesa Water.

6.8.3 Random Tests and Inspections of Assemblies

Mesa Water will maintain a program of random or spot testing of various Backflow Prevention Assemblies at no cost to the Customer of Record. This testing may be done at the time of installation and periodically thereafter. This testing will in no way relieve the Customer of Record from responsibility for maintaining functional assemblies ~~but~~and will serve to help assure that the program is serving its intended purpose.

6.8.4 On-Premise Inspection by Mesa Water

At its discretion, Mesa Water may require an on-premises inspection for Cross Connection hazards on any property to which it serves Water. Mesa Water will transmit a written notice requesting an inspection appointment to each Customer of Record. Any Customer or Customer of Record who cannot or will not allow an on-premise inspection of the piping system shall be required to install any Backflow Prevention Assembly that Mesa Water considers necessary.

6.8.5 More Frequent Inspection

Where successive annual reports indicate defective operation of a Backflow Prevention Assembly, Mesa Water may require more frequent inspections or require replacement of the assembly.

6.8.6 Duty of Tester

The certified tester shall be responsible for the competency of inspections, corrective actions and the accuracy of reports required under this Section and Mesa Water's code of conduct for Backflow assembly testers.

6.8.7 Testing Methods

Test results of Backflow Prevention Assemblies will only be accepted if performed in accordance with the methods used by the Foundation for Cross Connection Control and

Hydraulic Research at the University of Southern California and County of Orange/Health Care Agency/Environmental Health.

6.9 ENFORCEMENT

6.9.1 New Service Connections

No new Service Connections shall be completed, nor meters installed, until all provisions of these Rules and Regulations for Water Service have been satisfied.

6.9.2 Existing Service Connections

Existing Service Connections shall comply with all provisions of these Rules and Regulations for Water Service. If it is found that the service is out of compliance, the service will be brought into compliance with all provisions of these Rules and Regulations for Water Service when the Customer of Record is notified by Mesa Water. Failure to comply shall result in termination of Water service.

6.9.3 Termination of Water Service

Mesa Water may immediately terminate service to any premises where an actual or potential Cross Connection or other hazard to ~~the District~~ Mesa Water's District's Water supply is found to exist. Any Customer who violates any of the provisions of these Rules and Regulations or alters, bypasses, or renders inoperative, or removes any installed Backflow Prevention Assembly, or fails to test the assembly as required, shall be subject to immediate termination of Water ~~s~~Service.

6.9.4 Civil and Criminal Actions

Violation of these Rules and Regulations may constitute a public nuisance within the meaning of Health and Safety Code Section 117035 and Penal Code Sections 372 and 373a. Violators may be subject to civil actions for abatement and damages (Civil Code Section 3479, et seq.) and Criminal Penalties of up to six months in county jail or \$1,000 or both (Penal Code Section 19). Customers may also be assessed a fine of \$500 per day by Mesa Water for Violation of these Rules and Regulations for Water Service.

6.9.5 Onsite Irrigation Systems

For onsite irrigation systems, Mesa Water will focus its review on the identification requirements and any other specific items that are specified by these Rules and Regulations. The character and quality of the materials used for the irrigation system will be the responsibility of the design engineer or Applicant of the property.

The Contractor shall furnish Mesa Water with such information, as it may desire,

regarding the character and quality of materials used. When requested by Mesa Water, the Contractor shall submit a certification that the product meets the requirements of these Rules and Regulations.

The onsite irrigation system shall be tested as required by the design engineer or landscape architect for the Applicant of the property and as is required by the local governing codes, rules, and regulations.

6.10 GENERAL TESTING

6.10.1 Offsite Facilities

Prior to final acceptance by Mesa Water, ~~all~~ offsite water, and Recycled Water Facilities that will ultimately be owned by ~~the District~~ Mesa Water shall pass ~~all~~ testing requirements specified within the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. ~~All~~ ~~Testing~~ testing shall be conducted in accordance with the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. The tests shall be conducted by the Contractor in the presence of the Mesa Water Inspector. The scheduling of these tests shall be the responsibility of the Contractor. The Contractor shall provide adequate resources.

Upon the successful completion of the required testing, Mesa Water shall perform the final inspection in accordance with the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. ~~All~~ ~~identification~~ identification requirements will be reviewed, and field inspected. Mesa Water will note ~~all~~ any required corrections in the form of a punch list issued to the Contractor. Final acceptance of the Offsite Facilities will not be authorized until ~~all~~ every ~~corrections are~~ correction is made to the satisfaction of ~~the District~~ Mesa Water.

6.10.2 Onsite Facilities

Prior to final acceptance by Mesa Water, ~~all~~ Onsite Recycled Water and Potable Water Systems shall pass an operational test within 30 days of the completed irrigation system installation. The test shall be conducted by the Contractor in the presence of Mesa Water Inspector. The scheduling of these tests shall be the responsibility of the Contractor. The Contractor shall provide adequate resources.

Mesa Water shall note ~~all~~ any required corrections in the form of a punch list issued to the Contractor. Regular service startup shall not be authorized until ~~all~~ every ~~corrections are~~ correction is made to the satisfaction of Mesa Water. Punch list is valid for 30 days only.

6.11 TERMINATION

6.11.1 Basis for Termination of Water Service

In the event of contamination or pollution of its Potable Water System due to a cross-connection on premises to which ~~the District~~Mesa Water's District's Water System is ~~connected~~connected; the local health officer and Mesa Water shall be promptly advised by the person responsible for the premise Water System so that appropriate measures may be promptly taken to mitigate the contamination or pollution. When ~~the District~~Mesa Water determines that Water uses or conditions encountered by Mesa Water employees represent a clear and immediate hazard to ~~the District~~Mesa Water's District's Water supply that cannot be immediately abated, it shall institute the procedure for discontinuing Water use as set forth below. Conditions or Water uses that create a basis for Water Service termination shall include, ~~but~~and are not limited to, the following:

- a. Refusal to install a required Backflow Prevention Assembly
- b. Refusal to test a Backflow Prevention Assembly
- c. Refusal to repair a faulty Backflow Prevention Assembly
- d. Refusal to replace a faulty Backflow Prevention Assembly
- e. Direct or indirect connection between ~~the District~~Mesa Water's District's Water System and a sewer line
- f. Unprotected direct or indirect connection between ~~the District~~Mesa Water's District's Water System and a system or equipment containing contaminants
- g. Unprotected direct or indirect connection between ~~the District~~Mesa Water's District's Water ~~s~~System and an auxiliary Water System
- h. A situation that presents an immediate health hazard to ~~the District~~Mesa Water's District's Water System
- i. Failure to comply with other provisions of these Rules and Regulations for Water Service

6.11.2 Termination Procedures

For conditions, a through d stated in Section 6.11.1, Mesa Water will terminate service to a Customer's premises after two written notices have been sent specifying the corrective action(s) needed and the time period in which it must be taken. If no action is taken within the allowed time period, Water Service may be immediately terminated without further notice.

For conditions, e through i stated in Section 6.11.1, Mesa Water will make a reasonable effort to advise the Customer of the intent to terminate Water Service before termination.

6.11.3 Restoration of Water Service

Water Service shall not be restored until ~~all every~~ identified hazards ~~are is~~ eliminated and ~~for any all~~ Violations have been corrected to the satisfaction of Mesa Water. Nor shall

Water Service be restored until Mesa Water ~~has received~~receives reimbursement for any costs incurred in terminating the Water Service and advance payment for the ~~cost~~cost of restoring service. Such costs ~~restoration. All costs~~ will be in accordance with the Fees specified in the Water Rate and Charge Schedule.

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SECTION 7 – WATER USE EFFICIENCY AND WATER WASTE PROHIBITION

7.1 INTRODUCTION

~~Mesa Water is dedicated to promoting and implementing the efficient use of water.~~

Water using appliances, devices, and irrigation systems shall be designed, installed, and used in such a way as to use Water efficiently, and to meet or exceed Water efficiency requirements of any applicable local or State standards or law.

7.2 WATER USE EFFICIENCY PROGRAMS AND SERVICES

~~The District~~Mesa Water's~~District's~~ Water Conservation Coordinator administers various programs and services to assist Customers in using Water efficiently in their homes, businesses, and landscapes.

Descriptions of these programs and services may be found on Mesa Water's website at www.MesaWater.org.

7.3 WATER CONSERVATION AND WATER SUPPLY EMERGENCY PROGRAM

Mesa Water has adopted a Permanent and Emergency Water Conservation Program that includes permanent Water-waste prohibitions, escalating water requirements to be implemented over Water supply shortage conditions, penalties and Violations, and other general provisions. The permanent Water-waste restrictions include primarily behavioral measures such as limiting irrigation times, prohibiting the washing of paved surfaces, and controlling excessive Runoff.

The Permanent and Emergency Water Conservation Program can be found on Mesa Water's website at www.MesaWater.org or upon request by calling 949.631.1200.

SECTION 8 – RECYCLED WATER SERVICE

8.1 INTRODUCTION

~~Due to the advent of indirect and direct potable reuse, Mesa Water will no longer permit new connections to the Recycled Water system. However, the General Manager may approve new Recycled Water connections on a case-by-case basis.~~

~~Determinations on the specific, allowable uses of Recycled Water shall be in accordance with the standards of treatment and Water quality requirements set forth in Title 22, California Code of Regulations, Chapter 3, Water Recycling Criteria, and with the intent to protect the public health. In addition, each use shall be subject to the availability of facilities and the feasibility of making such facilities available. No further connections will be made to the existing system, nor will the existing system be extended. The provisions in the remainder of this section apply only to existing recycled water customers.~~

8.2 GENERAL PROVISIONS

8.2.1 Specific Authority

The Recycled Water User shall comply with these Rules and Regulations ~~as well as, but not limited to, and all every~~ applicable ~~State~~, federal, State and local governing codes, rules ~~and, or~~ regulations, regardless if the ~~above-mentioned~~above-mentioned section(s) specifically refer to Recycled Water or Recycled Water Service. Mesa Water reserves the right, at its discretion, to determine the applicability of a specific rule, regulation, or other provision.

8.2.2 Enforcement

Mesa Water shall enforce these Rules and Regulations in all matters concerning the use of any Recycled Water or Recycled Water Service within its service area. Each and every condition and requirement with respect to the use, connection, disconnection, reconnection or discontinuance of Recycled Water or Recycled Water Service provided by and set forth in these Rules and Regulations shall apply with equal force and effect to any person, persons, or firm, public or private. There shall be no deviation from these Rules and Regulations except upon authorization by the General Manager, who will act at all times within ~~any and all~~all appropriate regulatory agency constraints.

8.2.3 Amendments

These Rules and Regulations affecting Recycled Water Service (Sections) may be amended by Board action at any regular or special meeting ~~for cause determined by the General Manager and~~ without the approval of any user or Owner. Moreover, any amendments so made shall be incorporated immediately by these regulations and will be

administered accordingly. ~~Insofar as these~~These regulations are based upon portions of the California Code of Regulations, Title ~~17~~17, and Title 22, to the extent such State regulations are amended, these Rules and Regulations shall be deemed to have been amended in a corresponding manner or form.

8.2.4 Federal, State and Local Authority

~~All~~ Onsite Facilities shall be designed to meet the standards of ~~all~~ applicable federal, State, and local governing codes, ~~rules~~rules, and regulations.

8.2.5 Precedence

These Rules and Regulations shall take precedence when requirements contained herein are more stringent than those specified in federal, State, or local governing codes, ~~rules~~rules, and regulations.

8.2.6 Service Area

The regulations set forth in this Section 8 pertain to Recycled Water Service to lands or improvements within the legal boundaries of Mesa Water's service area unless otherwise stated. Legal boundaries include, ~~but~~and are not limited to, most of the City of Costa Mesa Water, parts of the City of Newport Beach and some unincorporated county area, including the John Wayne Airport area. Mesa Water's service area may be subject to future changes.

8.2.7 System Responsibility

~~All~~ Offsite Facilities within Mesa Water's service area ~~is~~are the responsibility of ~~the District~~Mesa Water and shall be under the management and control of Mesa Water. Only Mesa Water and those authorized by ~~the District~~Mesa Water shall have any right to operate the Offsite Facilities and related property in any manner. Mesa Water shall be responsible for the operation of the Offsite Facilities and distribution system within its service area and for the surveillance ~~of all~~ Recycled Water Users within its service area. Mesa Water shall not be responsible for the quality assessment of Recycled Water as it relates to compliance with requirements of the Appropriate Regulatory Agencies.

8.2.8 Protection of Public Health

Mesa Water reserves the right to take any action(s) with respect to the operation of the Recycled Water System and to take such action(s) at such time as it deems proper to safeguard public health.

The Appropriate Regulatory Agencies have independent authority and responsibility to protect public health and may ~~take action~~act at such time as deemed proper to safeguard

public health.

8.2.9 Authorized Uses

Section 8 of these Rules and Regulations address the application of Recycled Water for irrigation and Construction Use. Other proposed uses will be reviewed on a case-by-case basis by Mesa Water and the Appropriate Regulatory Agencies. ~~In all cases,~~ Mesa Water's approval of any proposed use will be contingent upon the proposed use being acceptable to the Appropriate Regulatory Agencies. Only those uses specified in the User Agreement or Water Service Agreement are uses authorized by these Rules and Regulations.

8.2.10 Approved Use Areas

These Rules and Regulations for Recycled Water pertain to Recycled Water Service to land or improvements, or both, lying within the boundaries of Mesa Water's service area and within the areas where Recycled Water Facilities are available. If Mesa Water has determined that Recycled Water shall be provided in accordance with the requirements contained in this Section, ~~such~~ such service shall be provided only if a permit for such Recycled Water Service is obtained in the manner hereinafter provided.

The acceptable uses of Recycled Water for irrigations purposes include any of the following:

- Parks, greenbelts, and playgrounds
- School yards
- Athletic fields
- Golf courses
- Cemeteries
- Residential landscaping, common areas (individual owned residences are not eligible under the Orange County Water District Discharge Permit)
- Commercial landscaping, except eating areas
- Industrial landscaping, except eating areas
- Freeway, ~~highway~~ highway, and street landscaping
- Agricultural irrigation
- Firefighting (only with special approval)
- Construction Use (soil compaction, dust control, etc.)
- Groundwater recharge (case-by-case basis)

Each such use must be considered for approval by Mesa Water on a case-by-case basis, and ~~the District~~ Mesa Water may determine, in its sole discretion, whether it is feasible to furnish Recycled Water for the specific use involved. Prior to approving such uses, Mesa Water may, in its sole discretion, set forth specific requirements as conditions to ~~providing~~ provide such services or require specific prior approval from the Appropriate Regulatory Agencies. Only ~~those use~~ those areas specified in the User Agreement or Water

Service Agreement are authorized areas for use of Recycled Water.

8.2.11 Design Approval

Prior to the construction of Onsite Facilities, in or on an Approved Use Area, that will use or receive Recycled Water; the design of such Onsite Facilities must be approved by Mesa Water. Approval shall be obtained only through the ~~procedure~~procedures contained in these Rules and Regulations. Approval shall be contingent upon evidence that ~~all~~ applicable design requirements, including those contained within these Rules and Regulations, are satisfied.

8.2.12 Construction Inspection

Mesa Water or its authorized District Agents may inspect the construction of Onsite Facilities that will use or receive Recycled Water to verify that such facilities are constructed in conformance with the approved Drawings and these Rules and Regulations.

8.2.13 Service Approval

Before Mesa Water approves commencement of service for any facilities using Recycled Water, the Record Drawings of the facilities as constructed must be approved by ~~the District~~Mesa Water. In addition, the system must have passed tests for Cross Connections and proper operation under design conditions, in accordance with these Rules and Regulations and the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities, to the satisfaction of ~~the District~~Mesa Water.

8.2.14 Service Conditions

Mesa Water reserves the right to control and schedule the use of Recycled Water ~~if~~if, in the opinion of the General Manager, control and scheduling are necessary to maintain acceptable working conditions in the Offsite System. These and other service conditions contained in Section 8 of these Rules and Regulations will be administered by Mesa Water at its discretion.

8.2.15 Return to Potable Water Service

Every existing recycled water connection may be returned to potable water service. Capacity charges for same-size connections will be waived. Return to potable service will require installation of an approved cross connection control device.

8.2.1~~65~~ Rates, Fees, and Deposit Schedule

~~All~~ Rates, Fees, and Deposits regarding Recycled Water Service and respective administrative provisions shall be fixed and established by the Board. ~~All costs~~ Costs will be in accordance with the Fees specified in the Water Rate and Charge Schedule.

8.2.1~~76~~ Mesa Water Limits of Responsibility and Liability

Mesa Water assumes no responsibility for ~~the~~ maintenance ~~and or~~ operation of any Onsite Recycled Water System. Pursuant to the terms, which shall be set forth in ~~all~~ User Agreements or Water Service Agreements, the Owner shall assume ~~all~~ liability and responsibility and Mesa Water shall be kept whole and blameless ~~at all times~~ in any claim resulting from matters involving quantities, quality, time, ~~or~~ occasion of delivery, or any other phase of ~~the~~ maintenance, operation, and service of the Owner's Onsite Facilities.

Mesa Water will not turn on Recycled Water at any property unless the designated User Supervisor is onsite and available at the time.

Mesa Water does not, and will not, assume any liability for damages to private property or for personal injury as a result of interruptions in Recycled Water Service provided pursuant to these Rules and Regulations for reasons Mesa Water deems an emergency or a matter of public health and safety. In addition, Mesa Water does not, and will not, assume any liability for damages to private property or for personal injury as a result of interruptions in Recycled Water Service provided pursuant to these Rules and Regulations for reasons that are beyond its control.

8.2.1~~87~~ Surveillance

It is the responsibility of the user to provide surveillance and supervision of the Onsite Facilities in a manner that assures compliance ~~at all times~~ with these Rules and Regulations. A User Supervisor shall be designated by the user and shall be approved by ~~the District~~ Mesa Water. Mesa Water shall provide surveillance and supervision of the Offsite Facilities for compliance with these Rules and Regulations. Moreover, Mesa Water shall, and reserves the right to, inspect on a regular basis the Onsite System and operations for conformance with these Rules and Regulations.

8.2.1~~98~~ Contingency Reservations

If real or potential hazards are evidenced at any time during the construction or operation of any portion of the Recycled Water System or Onsite Facilities, Mesa Water reserves the right, and shall have the authority to, terminate Recycled Water Service without notice to the user in the interest of protecting public health.

8.2.1920 Specific Prohibitions

The following conditions are specifically prohibited. Should any such conditions occur at or on a location, Recycled Water Service may be terminated by Mesa Water in accordance with Section 2.4.

8.2.1920.1 Runoff Conditions

Conditions that directly or indirectly cause Recycled Water Runoff outside of/ or within the Approved Use Area, whether by design, construction practice, or system operation, shall be minimized. The use of Recycled Water on Water-saturated or frozen ground or during periods of precipitation such that Runoff is induced, is prohibited.

8.2.2019.2 Ponding Conditions

Conditions that directly or indirectly cause a Ponding condition outside of or within the Approved Use Area, whether by design, construction practice, or system operation, shall be minimized. Temporary Ponding in a vegetated area caused by draining of system or meter testing is allowed in specified areas with prior Mesa Water approval.

8.2.2019.3 Direct Overspray Conditions

Any discharge of Recycled Water directly onto areas other than that within the Approved Use Area is strictly prohibited.

8.2.2019.4 Windblown Overspray Conditions

Conditions that directly or indirectly permit windblown Recycled Water spray to pass outside of the Approved Use Area, whether by design, construction practice, or system operation, shall be minimized.

8.2.2019.5 Unapproved Uses

Use of Recycled Water for any purposes other than those explicitly approved in the currently effective User Agreement or Water Service Agreement without prior knowledge and written approval of Mesa Water is strictly prohibited.

8.2.2019.6 Disposal in Unapproved Areas

Disposal of Recycled Water for any purposes, including Approved Uses, in areas other than those explicitly approved in the User Agreement or Water Service Agreement issued by Mesa Water and without the prior knowledge and approval of ~~the District~~ Mesa Water, and is strictly prohibited. The discharge of Recycled Water from flushing or draining of the recycled system shall be done either at the Approved Use site and in a manner that

does not create Ponding or Runoff conditions, (See Section 8.2.19.2. "Ponding Conditions" for special considerations) or to a sanitary sewer manhole with the approval of the agency responsible for operation of such sanitary sewer. In no case shall the discharge of Recycled Water to a sanitary sewer cause the sewer to overflow or otherwise create a public health hazard or nuisance. Air gap protocol shall be applied.

The direct or indirect discharge from Approved Use Areas of Recycled Water to surface waters, either perennial or ephemeral, including wetlands, vernal pools, etc. is prohibited, unless otherwise authorized by an NPDES Permit.

8.2.~~2019~~.7 Cross Connections

Cross connections between the Recycled Water System and the Potable Water System, whether by design, construction practices, or system operation is strictly prohibited.

8.2.~~2019~~.8 Unprotected Drinking Fountains

~~Any and all~~Every drinking fountains located within the Approved Use Area, as designated in the currently effective User Agreement or Water Service Agreement, shall be protected from contact with Recycled Water, whether by Windblown Spray or by direct application through irrigation or other Approved Use. The lack of such protection, whether by design, construction practice, or system operation, is strictly prohibited.

8.2.~~2019~~.9 Unprotected Public Facilities

Facilities that may be used by the General Public, or onsite staff, including, ~~but~~and not limited, to eating areas, eating surfaces/benches, pools, spas, hardscape, and playground equipment/play areas, and located within the Approved Use Area designated by the User Agreement or Water Service Agreement, shall be protected by siting or a structure from contact with mist, Runoff, or direct contact with Recycled Water. Lack of such protection is prohibited until review and concurrence by Mesa Water and regulatory agencies on a case-by-case basis.

8.2.~~2019~~.10 Hose Bibs

Installation of Hose Bibs on any Onsite System that presently operates or is designed to operate with Recycled Water, regardless of the Hose Bib construction or identification, is strictly prohibited unless the Customer is a cemetery or an industrial facility with minimal public access or exposure.

8.2.~~2019~~.11 Fire Hydrants

The use or installation of fire hydrants on any Onsite System that presently operates or is designed to operate with Recycled Water, regardless of the fire hydrant construction

or identification, is strictly prohibited.

8.2.~~2019~~.12 Domestic Wells

The application of Recycled Water within fifty feet of a domestic well, and impoundment of Recycled Water within 100 feet of a domestic well, unless approved by Mesa Water and DDW, is prohibited.

8.2.~~2019~~.13 Hours of Operation

Irrigation with Recycled Water is restricted to particular hours that vary for the following Approved Use Areas:

- Turf areas and center street medians – between 10:00 p.m. and 6:00 a.m.
- Slopes and groundcover/shrub areas – any hour (if no potential for public contact)
- Golf courses – between 9:00 p.m. and 5:00 a.m.
- Golf courses – fill impoundments - between 5:00 a.m. and 6:00 p.m.

Potential public contact with Recycled Water shall take precedence over recycled watering schedules. Irrigation system runtimes shall be adjusted to minimize public contact with Recycled Water, on an individual lateral system basis. Mesa Water shall require specific run times and durations where there is a history of public contact. Consideration shall also be given to allow maximum drying time prior to subsequent public use.

8.2.~~2019~~.14 Water/Garden Hoses and Hose Appurtenances

Water/garden hoses and hose appurtenances using Recycled Water shall be purple in color with heavy-duty brass fittings. Hoses shall be continuously imprinted with "Caution; Recycled/reclaimed Water – Do Not Drink" and rated at 150 psi working pressure. Hoses shall only be used for Recycled Water use. Use of such hoses for Potable Water use is strictly prohibited.

8.2.~~2019~~.15 Recycled Water Impoundments

~~All~~ Recycled Water impoundments shall be adequately protected from erosion, ~~washout~~washout, and flooding such that no discharge occurs unless the discharge is a result of a 25-year, 24-hour storm event or greater.

Any storage facility or impoundment containing Recycled Water for reuse applications shall be managed in a manner to control odors, nuisance conditions or vectors such as mosquitoes. Should such problems develop, a management plan shall be devised and implemented to monitor, correct, and control future occurrences.

8.3 REQUIREMENTS FOR DESIGN AND OPERATION

8.3.1 Design Requirements

Design of Onsite Systems shall be performed by the Owner and such design plans shall be in conformance with the applicable portions of the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities and AWWA Guidelines except as herein modified.

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8.3.1.1 Design Responsibility

The design of an Onsite System that will use Recycled Water, including the preparation of plans and construction specifications, shall be the responsibility of the Customer of Record. Onsite Facilities, in addition to conforming to these Rules and Regulations, shall conform to ~~all~~ applicable local governing codes, rules and regulations. Mesa Water shall have authority over materials, equipment, design, and construction methods used for Onsite Facilities.

8.3.1.2 Point of Connection for Service

Mesa Water will establish the Point of Connection for each Recycled Water Service. The user shall be responsible for extending the Onsite service line to the established Point of Connection and the user will be responsible for ~~all~~ costs associated with extending the Offsite Facilities to the user's Recycled Water site.

8.3.1.3 Piping

~~All~~ Onsite System piping used in conveying Recycled Water shall be of adequate size and structural integrity to ensure that leaks or ruptures will not occur. Lines crossing roadways or other areas receiving regular vehicular traffic must be buried to a depth of at least 24 inches and sleeved. Rigid pipe, able to withstand the planned vehicle loads, shall be used for such installations.

8.3.1.4 Irrigation System Layout

Each Recycled Water irrigation system shall be designed based on peak-application rate requirements to prevent discharge onto areas outside of the Approved Use Areas. Adjustable arc, adjustable radius sprinklers with anti-drain/check valves shall be used adjacent to roadways, boundary lines, and hardscape to confine the discharge from the irrigation system to the Approved Use Area(s). A drainage device under control of the Owner shall be installed at the toe of slope draining to single-family residential lots. Drainage devices must stand-alone; slope drainage devices and shall not be tied into any other drainage systems, e.g., private systems for single-family lots.

The Onsite irrigation system shall be required to automatically shut off in the event of a line break. Use all available equipment to prevent unauthorized discharge of Recycled Water.

The irrigation system design shall avoid spray patterns that include obstructions that tend to concentrate Recycled Water to produce Ponding or Runoff, such as direct or indirect spraying against structures or objects.

No common trenching with other utilities of any kind is permitted.

Mesa Water reserves the right to limit the area of land under one ownership or homeowner's association to be supplied by one Recycled Water Service Connection and corresponding meter. A Recycled Water Service Connection and its corresponding meter shall not be used to supply adjoining property of a different Owner, without the prior approval in writing from Mesa Water stating conditions and restrictions, such as easements or Memorandum of Understanding.

Irrigation systems where the landscaping around the homes and in common areas is served with one meter and owned by the same Customer, (e.g., a homeowner's association), may be allowed to cross roads, streets, or other public ~~rights~~right-of-ways within the Customer's property.

When a property provided with a Recycled Water connection and corresponding meter is subdivided, such connection and meter shall be considered as serving the lot or parcel of land on which the meter is located. Additional Recycled Water Mains or Recycled Water Service lines shall be required for ~~all~~ subdivided areas in accordance with these Rules and Regulations.

For properties of the same Customer, irrigation systems shall be allowed to cross roads, streets, or other public rights-of-way to serve medians and slopes along streets. Recycled Water meters shall be located in the public right of way.

~~All~~ Recycled Water used on any property must pass through the corresponding water meter. Customers shall be held responsible and charged for ~~all~~ Recycled Water passing through the Water meter(s).

8.3.1.5 Storage Facilities

Onsite storage tanks used in storing Recycled Water shall be of adequate design and structural integrity to ensure that leaks or ruptures will not occur ~~in the course of~~during normal use. ~~All s~~Storage tanks ~~that are~~ less than eight feet in elevation above ground ~~Level~~level shall be contained within a fence or other enclosure that will restrict access by the General Public to these facilities at ~~all~~ times. Outlet control with positive shut-off shall be provided at each storage facility. ~~All storage~~Storage facilities shall comply with posting and identification regulations contained in Section 8.4.7.

8.3.1.6 Distribution Vehicles

Vehicles used for distributing Recycled Water for soil compaction and dust control purposes shall be provided with an adequate tank and plumbing systems to ensure that leaks and ruptures will not occur ~~in the course of~~during normal use. Control valves shall be provided such that Recycled Water can be applied in a controlled fashion on the

Approved Use Area and completely retained during transit to ~~all~~ other areas. Spray heads or nozzles shall be provided and configured in such a way that the Recycled Water is uniformly applied, and Runoff, Ponding or Windblown Spray conditions prevented. Each tank shall be equipped with an approved Air-Gap Separation. ~~All~~V-vehicles used for distributing Recycled Water shall comply with posting and identification Regulations contained in Section 8.4.7.

8.3.1.7 Temporary Connections to Potable Water System

In those areas where Recycled Water is not immediately available for use and an approved Onsite Recycled Water System has been constructed, a temporary connection to Mesa Water's Potable Water System may be allowed with written approval by the General Manager. Mesa Water shall be solely responsible for making any connections to the Potable Water System. ~~All~~Temporary~~temporary~~ connections to Mesa Water's Potable Water System shall conform to ~~all~~every requirements specified within its Cross Connection and Backflow Prevention Rules and Regulations.

At the time when Mesa Water determines that Recycled Water is available, ~~the District~~Mesa Water shall notify any user with a temporary Potable Water connection of the availability of Recycled Water and schedule a mutually acceptable time for making the conversion to Recycled Water. Mesa Water will establish Point of Connection to the Offsite Facilities.

8.3.2 Operational Requirements

8.3.2.1 Supervision

The operation and surveillance of Onsite Systems shall be under the management of the User Supervisor designated by the user and approved by Mesa Water. This User Supervisor, or their representative, shall be available during business hours at an address listed with Mesa Water for the purpose of hosting an inspection tour or for discussing operational aspects of the Onsite System. The User Supervisor, or representative, shall be available via telephone (at a number listed with Mesa Water) for emergency off-hours contact. It is a requirement of Mesa Water that the User Supervisor and their representative can adequately communicate with employees in the English language.

8.3.2.2 Employee Training

It shall be the responsibility of the user to ensure that ~~all~~ Operations staff are trained in and familiarized with the use of Recycled Water and are familiar with these Rules and Regulations and the requirements of the Appropriate Regulatory Agencies concerning the use of Recycled Water. The user shall attest, by way of the User Agreement or Water Service Agreement, that such training shall be provided to ~~all~~ existing employees ~~as well as~~and to ~~all~~every new employees. In addition, the user shall provide Mesa Water with

written ~~confirmation~~confirmation stating what training ~~is~~was provided to the Operations staff, who received the training, and on what date the training was provided. A copy of these Rules and Regulations shall be maintained at the user's site and made available to every person connected with operating the system and to any Mesa Water employee upon request.~~at all times.~~

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8.3.2.3 Onsite Information

The user shall be responsible for furnishing the Water Operations staff with comprehensive system operating instructions, maintenance instructions, and Record Drawings to ensure proper operation in accordance with the system design and these Rules and Regulations. At least one complete set of this information shall be kept onsite or in the nearest field office or maintenance building established by the user. The user shall have the responsibility of properly disseminating this information to ~~all~~ appropriate Water Operations staff. The user shall provide Mesa Water with written confirmation stating what information was provided to the Water Operations staff, to whom the information was given and on what date the information was provided.

8.3.2.4 Onsite Inspection

Inspection of the Onsite System may occur at any time without prior notice by Mesa Water, a District Agent, and various Appropriate Regulatory Agencies. The user and Water Operations staff shall cooperate with Inspectors and assist in the performance of operational tests as requested.

8.3.2.5 Confinement of Irrigation

Any onsite irrigation system shall be operated to prevent discharge onto areas that are not approved for use. Overspray resulting from attempts to reach remote portions of the Approved Use Area shall not be practiced. This situation shall be rectified by appropriate design corrections to the system layout.

8.3.2.6 Construction Use

Recycled Water used for the purpose of soil compaction and dust control shall not be stored or applied in a manner that causes Runoff, Ponding, windblown overspray conditions, or discharge in any way onto unapproved areas. If such conditions occur, the method of application shall be altered to correct them and prevent any further Ponding, Runoff, or Windblown Spray onto unapproved areas. Control valves on the Water distribution vehicles and other controlling devices shall be properly employed to prevent the application of Recycled Water outside the Approved Use Area onto surfaces including, ~~but~~and not limited to, street pavements, sidewalks, and drainage courses.

8.3.2.7 Maintenance

A written preventative maintenance program and schedule designed to ensure the continued operation of ~~all~~ Onsite System elements within the requirements of these Rules and Regulations shall be evidenced by the user and shall be open to inspection by Mesa Water ~~at all times~~at any times.

8.3.2.8 Reuse of Recycled Water Equipment

Any equipment, such as tanks, Water trucks, temporary piping or valves and portable pumps that have been used for Recycled Water purposes shall be drained, cleaned, and disinfected before removal from the Approved Use area to another job site. This disinfection and cleaning shall ensure the protection of the public health in the event of any reuse of such equipment with higher quality Water.

Methods of disinfection shall be approved by ~~the District~~Mesa Water or the appropriate regulatory agency, and the disinfection process shall be performed in Mesa Water employee's presence. When storage tanks or distribution vehicle tanks are provided with an inlet air gap whose configuration is approved by the DDW and OCHCA, such Onsite disinfection shall not be required.

8.3.3 Submittals and Records

Facility layout Drawings shall be submitted as specified within these Rules and Regulations by the Customer and approved by Mesa Water prior to commencing any installation of Recycled Water Facilities. The Drawings shall be signed by the Design Consultant and shall include the construction of the use area, and the onsite irrigation system, as a minimum. A materials list shall also be submitted to Mesa Water, and it shall include the following:

- Offsite or Onsite Distribution Facilities – The manufacturer, diameter, approximate length, and construction material of ~~all~~ offsite or onsite distribution Recycled Water Mains (pressurized).
- Onsite Storage Facilities – The estimated number and locations of fixed storage tanks or ponds and the approximate volume of each.
- Recycled Water Volume – The maximum and average amounts in gpm that will be drawn from Mesa Water Recycled Water distribution system, and the hours of operation.

Applicants that propose to use Recycled Water for industrial applications or for other special uses may be required to supply additional information, on a case-by-case basis.

8.3.3.1 Preliminary Investigation

The Applicant shall meet with ~~the District~~Mesa Water at the earliest possible date to determine whether the Design Area is within Mesa Water's service area. At this time, the availability of Recycled Water and the proximity of the site to the Offsite Facilities will be reviewed. Feasibility acceptance by Mesa Water must be obtained before an Application for Recycled Water Service will be accepted.

8.3.3.2 Comprehensive Investigation (Retrofitting Only)

Upon accepting an Application for Recycled Water Service that involves retrofitting, Mesa Water may conduct a comprehensive investigation of the existing facilities. The Applicant shall cooperate with Mesa Water in its efforts to: (i) obtain required information; (ii) review existing documents; and (iii) inspect the existing facilities.

8.3.3.3 System Design Documents

The following information briefly outlines what shall be submitted to, and approved by, Mesa Water prior to the commencement of any construction. Refer to the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities for a complete list of requirements for design document submittals:

Drawing and Specifications –

Drawing and specifications for the construction of an Onsite System with Offsite Facilities are located in the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. Drawings and Specifications shall be submitted to Mesa Water for review and approval with associated Deposits and Fees outlined in the Water Rate and Charge Schedule. As part of such submittal, a construction cost estimate for the subject facilities shall be provided.

Meter Criteria –

The following information shall be provided, both on the Drawings and as a separate cost submittal:

- Existing meter sizes (inches)
- Proposed Recycled Water meter size (inches)
- Gross area to be served through the Recycled Water meter (square feet or acres)
- Peak flow through the Recycled Water meter (gpm) along with supporting calculations
- Estimate of the yearly Water requirements through the Recycled Water meter (acre-feet)
- Time of day when Recycled Water would normally be taken

Dimensioning – ~~All~~ dimensions shall be taken from two permanent points of reference.

Call-Outs –

Backflow Prevention Assemblies, ~~all~~ Potable Water lines, exterior drinking fountains and other public facilities in the Design Area shall be shown and called out on the Drawings. If no Backflow Prevention Assemblies, Potable Water lines, exterior drinking fountains or other public facilities are present in the Design Area, it shall be specifically stated on

Drawings that none exists.

Standard Water Construction Notes for Recycled Water ~~_-~~

The standard notes for Recycled Water listed in the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities shall be listed on ~~all~~ Drawings.

It shall be the responsibility of the Applicant to submit the Drawings and specifications as approved by Mesa Water to any agency having jurisdiction over such projects for their review, and to obtain ~~all~~ required permits prior to construction. Any costs associated with such submittals shall be borne by the Applicant.

8.3.3.4 Record Drawings

Record Drawings shall be submitted by the Applicant and approved by Mesa Water prior to the installation of Water meter(s) or the commencement of Recycled Water Service.

All changes in the work constituting departures from the original design Drawings, including changes in both pressure and gravity lines shall be accurately recorded on one reproducible set of design Drawings, which shall become the Record Drawings. The changes and dimensions shall be recorded in a legible manner to the satisfaction of Mesa Water. One complete set shall be maintained on the site ~~onsite at all times~~.

Specific Call-Outs –

The locations and depths of the following items shall be shown:

- Points of connection
- Points of line severing
- Routing of sprinkler pressure lines
- Gate valves
- Sprinkler control valves
- Quick coupling valves
- Routing of control wires
- Control stations
- Backflow Prevention Assemblies, including type of such assembly(ies)

8.3.4 Cross Connection Control Requirements

The following requirements apply to ~~all~~ user sites where Recycled Water is stored, conveyed, or applied in any manner.

8.3.4.1 Protection at Potable Water Service Connection

An approved Air–Gap Separation shall be required on the user's Potable Water line at a location that is as close as practical to the Service Connection with Mesa Water’s Potable Water System. An approved Reduced Pressure Principle Backflow Prevention Assembly may be provided in lieu of an Air–Gap Separation if approved by Mesa Water and the Appropriate Regulatory Agencies.

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8.3.4.2 Protection Within Onsite Potable Water System

Approved Backflow Prevention Assemblies, as required by the Appropriate Regulatory Agencies, shall be installed by the user at specified locations in the user's Onsite Potable Water System.

8.3.4.3 Inspection of Onsite Facilities

Mesa Water or Appropriate Regulatory Agencies may, at their discretion, require an inspection of the user's Onsite Facilities for Cross Connection hazards. The Customer of Record shall cooperate with Mesa Water or Appropriate Regulatory Agencies in requests for information.

8.3.4.4 Mesa Water's Cross Connection and Backflow Prevention Regulations for Recycled Water

In addition to the requirements contained in Sections 8.3.4.1 through 8.3.4.3, ~~all~~ requirements specified in Section 6 of these Rules and Regulations shall be adhered to by the user at the user's expense.

8.4 CONSTRUCTION REQUIREMENTS

8.4.1 General Requirements

Construction of Onsite Recycled Water Systems shall be in conformance with the applicable portions of the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities except as herein modified.

8.4.2 Areas of Responsibility

All Recycled Water meters and Customer Control Valves shall be provided and installed by Mesa Water at the expense of the Applicant. The cost of installing the meters must be paid by the Applicant before any meters will be installed. The responsibility for providing a Backflow Prevention Assembly at the Potable Water Service Connection shall be determined by Mesa Water at the time an application for Recycled Water is filed. The Applicant shall be responsible for constructing and maintaining ~~all~~ Onsite Recycled Water Facilities downstream of the established Point of Connection, and for testing and maintaining ~~all~~ any Backflow Prevention Assemblies.

The Contractor shall keep fully informed of ~~all~~ laws, ordinances, and regulations that in any manner affect those engaged or employed in the work or the materials used in the work, or that in any way affect the conduct of the work, and of ~~all~~ such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. If any discrepancy or inconsistency is discovered in the plans, Drawings, specifications, or other

documents in relation to any such law, ordinance, regulations, order, or decree, the Contractor shall forthwith report the same to the Design Consultant and Mesa Water in writing.

The Contractor shall observe and comply with and shall cause ~~all of each of~~ the Contractor's employees to observe and comply with ~~all~~ such existing and future laws, ordinances, resolutions, regulations, orders and decrees, and shall protect and indemnify Mesa Water, Orange County Water District, SARWQCB, DDW, OCHCA, and ~~all~~ their officers and Agents against any claim or liability arising from or based on the Violation of any such law, ordinance, regulation, order or decree, whether by the Contractor or Contractor's employees.

The Contractor shall also indemnify and save Mesa Water, its officers, its employees, or authorized District Agents harmless from ~~all~~ costs, losses, expenses, damages, attorneys' Fees, and other costs of defense that ~~the District~~ Mesa Water may incur with respect to or on account of the work, and with respect to the failure, neglect, or refusal of Contractor to faithfully perform the work and ~~all~~ of Contractor's obligations under the contract. Such costs, expenses, and damages shall include ~~all~~ costs incurred by Mesa Water to defend against any claims, stop notices or lawsuits based thereon in which it is made a party.

The Contractor shall observe the rules and regulations of the State Department of Industrial Relations, Division of Industrial Safety, and, in particular, rules and regulations relating to shoring of trenches and excavations. ~~All work~~ Work shall be done in accordance with ~~all~~ directives, provisions and requirements pertaining to the method and manner of performing the work, in accordance with CAL-OSHA's latest amendment or revision.

The Contractor shall provide a job foreman present during business hours that can communicate with Mesa Water employees both orally and in writing.

8.4.3 Specific Requirements

8.4.3.1 Connections to Existing Mesa Water Facilities

The Applicant shall not make a connection to existing Mesa Water facilities or interrupt Recycled Water Service in any portion of Mesa Water's service area unless it has been approved by ~~the District~~ Mesa Water. If it becomes necessary to interrupt service to an existing system, this interruption shall be done at a time determined by Mesa Water, under its direction and inspection.

8.4.3.2 Inspection Authority

Mesa Water, those authorized by ~~the District~~ Mesa Water, and various Appropriate Regulatory Agencies shall ~~at all times~~ have access to all the onsite work during construction and shall be provided with such information as it may desire regarding

location of facilities, the progress, workmanship, and character of materials used in the work.

Mesa Water shall have the authority to notify the Customer of an apparent failure on the part of the Contractor to carry out orders given or to perform any provisions of the approved plans or specifications. Upon its confirmation of the apparent failure, the Customer shall be obligated to require the Contractor to suspend the work wholly or in part. The Contractor shall immediately comply with the written order of Mesa Water to suspend the work wholly or in part. Dependent on the nature of the non-compliance, it may require immediate action by the Contractor via verbal order with a written order following. The work shall be resumed when methods or defective work are corrected as ordered and approved in writing by Mesa Water. Failure to comply with requests of Mesa Water will prevent further work, may result in termination of ~~all~~ Potable Water and Recycled Water, and may prevent or delay the final release of the entire project.

8.4.4 Material of Construction

The following information briefly outlines the materials of construction that will be approved by Mesa Water and other appropriate Regulating Agencies prior to the commencing of any construction. Refer to the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities for a complete list of requirements for Materials of Construction.

8.4.4.1 Valves

Quick coupling valves may be required to be removed if they are used in a manner contrary to these Rules and Regulations or are located in an area that encourages unauthorized use. The manner of removal shall be subject to approval by Mesa Water. Quick coupling valves shall conform to the following:

- Rating – Quick coupling valves for Recycled Water shall be $\frac{3}{4}$ -inch or one-inch nominal size with brass construction, acme thread body and key, and a normal working pressure of 125 psi. ~~All Quickquick~~ coupling valves for Recycled Water shall be of a design that prevents the quick coupler key (spike) from being used in Potable Water or Non-Potable Water quick couplers.
- Key – ~~All Quickquick~~ coupling valves shall be operated with a special coupler key with an Acme thread for opening and closing the valve. This provision may be modified by Mesa Water in those cases where an existing Onsite Potable Water System is currently equipped with quick coupling valves that are operated with an Acme threaded key.
- Identification – ~~All Quickquick~~ coupling valves shall be tagged for identification. ~~All Taggingtagging~~ shall be to the satisfaction of Mesa Water and Appropriate Regulatory Agencies.
- Cover – The cover shall be permanently attached to the quick coupling valve. It

shall be purple in color and made of rubber or vinyl with the following information stamped or molded on the cover: "Recycled Water" in English and Spanish; "Do Not Drink" in English and Spanish; or the international "Do Not Drink" symbol (a glass of Water in a circle with a slash through it), and a locking cover.

~~All R~~Recycled~~Recycled~~ Water valves shall be in serviceable condition and free from leaks and structural faults. ~~All u~~Underground~~underground~~ gate valves 3 inches and smaller may be furnished with either operating nuts or handwheels.

8.4.4.2 Valve Boxes

~~All n~~New~~new~~ valve boxes (gate valves, manual control valves or electrical control valves) on the recycled Water irrigation system shall be purple (Pantone 512) and have the words "Recycled Water" in white letters on top.

8.4.4.3 Piping

~~All n~~New~~new~~ buried onsite constant pressure Recycled Water irrigation piping shall be marked as follows: PVC Pipe must be purple-colored PVC pipe with continuous wording "Caution – Recycled Water – Do Not Drink" printed on opposite sides of the pipe. The use of continuous lettering on 3-inch minimum width of purple tape with 1 inch black or white contrasting lettering bearing the continuous wording "Caution – Recycled Water – Do Not Drink" permanently affixed at 5-foot intervals atop all horizontal piping, laterals and Mains is an acceptable alternative to purple pipe.

~~All n~~New~~new~~ Recycled Water piping above ground or in vaults, including adapters and fittings, shall be painted purple in color (Color Code Pantone 512). Black or white stenciling shall appear on both sides of the pipe with the marking "Caution – Recycled Water" in ~~5/8~~5/8-inch letters repeated every 3 feet.

8.4.4.4 Storage Tanks

~~All s~~Storage~~storage~~ tanks used for Recycled Water, whether fixed or mounted on distribution vehicles, shall be structurally sound and free from leaks.

8.4.5 Construction Notification

The Applicant shall give Mesa Water at least two Business Days' notice before starting the Onsite Recycled Water System construction work.

8.4.6 Final Inspection and Testing

8.4.6.1 Final Inspection

Following completion of ~~all~~ construction work, and upon receiving Mesa ~~Water's~~ Water approval of Record Drawings, the Applicant shall request final inspection of the work. This request shall include ~~the~~ scheduling of a Cross Connection control test and an operational test. The tests shall be scheduled in coordination with and in the presence of Mesa Water and representatives of the various Appropriate Regulatory Agencies ~~in order~~ to verify such testing.

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8.4.6.1.1 Cross Connection Control Testing

A Cross Connection control test shall be conducted on both the Onsite Potable Water and the Onsite Recycled Water Systems. The test shall be conducted in the following manner:

- The activated and pressurized Recycled Water System shall be shut down at or near the Point of Connection. After shutting the Recycled Water System down, ~~all~~every outlets of the Recycled Water System shall be opened. Flow from any Recycled Water System outlet shall be deemed to indicate a Cross Connection condition. (Note: Initial flows that result from the system's depressurization can be ignored for purposes of this test.) After conducting this test of the Recycled Water System, the Potable Water System shall be tested by opening ~~all~~every Potable Water outlets. A no-flow result from any Potable Water outlet shall be deemed to indicate a Cross Connection condition.
- Recharge Recycled Water System, then the activated and pressurized Potable Water System, shall be shut down at the Backflow Prevention Assembly. After shutting the Potable Water System down, ~~all~~every outlets of the Potable Water System shall be opened. Flow from any Potable Water outlet shall be deemed to indicate a Cross Connection condition. (Note: Initial flows that result from the system's depressurization can be ignored for purposes of this test.) After conducting this test of the Potable Water System, the Recycled Water System shall be tested by opening ~~all~~every Recycled Water outlets. A no-flow result from any Recycled Water outlet shall be deemed to indicate a Cross Connection condition.

8.4.6.1.2 Operational Testing

Prior to final acceptance by Mesa Water, ~~all~~ Onsite Recycled Water Systems shall be required to successfully pass an operational test. Any required corrections shall be noted and submitted to the Applicant by Mesa Water. Regular service start-up shall not be authorized until ~~all~~ corrections are made to the satisfaction of ~~the District~~Mesa Water.

8.4.7 Posting and Identification

Posting and Identification requirements for the design and construction of an Onsite System with Onsite and Offsite facilities are located in the Standard Specifications and Standard Drawings for the Construction of Mesa Water Facilities. Proposed posting and identification shall be submitted within the design and specifications to Mesa Water for review and approval with associated Deposits and Fees outlined in the Water Rate and Charge Schedule

8.4.7.1 Posting of Approved Use Areas

Recycled Water identification signs shall be made of 1/16-inch-thick, minimum; aluminum and its size shall be 18 inches wide by 12 inches high, minimum. The signage size and

wording shall be approved by the City and the site Owner. At a minimum, the wording shall include "Recycled Water – Do Not Drink" and display the international symbol shown on Figure 30610-A in Title 22 of the California Code of Regulations. Submit the final verbiage including colors to the City for review and approval prior to ordering the identification signs. The location of the sign placement shall be determined in the field by the City and the site Owner. An example of an approved sign is Christy's Part Number ID-Sign REC1218. Other wordings may be used with approval of Mesa Water and the Appropriate Regulatory Agencies.

8.4.7.2 Recycled Water Pipe Identification

8.4.7.2.1 Buried Recycled Water Pipe

The following pipe identification requirements and options shall be applied to ~~all~~ new Recycled Water Systems that are to be constructed, and applied to retrofitted Recycled Water Systems whenever buried pipe is replaced.

- Purple Pipe – For ~~all~~ buried offsite Recycled Water pipelines (PVC, ductile iron pipe or copper) and any onsite Recycled Water pipelines that cross public streets, the pipelines shall have Purple Colored warning tape, minimum of 12 inches wide, placed in the trench 12 inches above the pipe with the wording, "CAUTION: RECYCLED WATER LINE BURIED BELOW". This requirement is to provide additional warning for any excavation activities within the public streets to reduce the potential for damaging the Recycled Water pipeline.
- Warning Tape – The plastic identification (warning) tape shall be virgin low-density polyethylene specifically formulated for prolonged underground use. The minimum thickness shall be 4 mils and the overall width of the tape shall be 12 inches for 8 inch or larger diameter pipe and 6 inches for 6 inch and smaller diameter pipe.
- Identification /Warning Tags – Identification /warning tags shall be inert plastic film or polyurethane specifically formulated for prolonged exposure. The identification /warning tag shall incorporate an integral attachment neck and reinforced attachment hole. The size of the tag shall be 3 by 4 inches with a minimum thickness of 10 mils. Identification /warning tags shall be attached with heavy-duty nylon fasteners. The size, type of label and location will be dictated by each individual application and subject to acceptance by the City's representative. The minimum size shall be ½-inch letters. Tags shall be manufactured by T. Christy Enterprise (ID-Max-P2-RC009 for Recycled Water (purple) or ID-Max-B2-PW015 for Potable Water (blue) or ID-Max-Y2-NP012 for Non-Potable Water (yellow)) or approved equal. T. Christy Enterprises, Inc. is located at 655 E. Ball Road, Anaheim, CA 92805 (phone: 714.507.3300).
- Warning Labels – Warning labels shall be a minimum of 3.5 mil flexible vinyl base with a permanent acrylic adhesive backing on a 90# stayflat liner. Both the background and legend shall be printed with a UV cured vinyl ink. The entire decal shall be clear flood over-printed for superior weathering and UV protection. The

size shall be 3.5 inch by 4.4 inch for controllers, 2.5 inch by 8.25 inch for pumping equipment, and 1.25 inch by 5.75 inch for Potable Water decals. The controller warning label shall be manufactured by T. Christy Enterprise (Christy's Part No. 4100) or approved equal. The pumping equipment warning label shall be manufactured by T. Christy Enterprise (Christy's Part No. 4200) or approved equal. The Potable Water decals shall be manufactured by T. Christy Enterprise (Christy's Part No. 4300) or approved equal.

8.4.7.2.2 Above Ground Recycled Water Pipe

The following identification requirements shall be applied to ~~all~~ Recycled Water Systems.

- Purple Pipe —~~All such~~ Such piping, including adapters and fittings, shall be purple in color. Black or white stenciling shall appear on both sides of the pipe with the marking "CAUTION - RECYCLED WATER" in 5/8-inch letters repeated every 3 feet. Mesa Water must review and approve any proposal that calls for above ground Recycled Water pipe to be painted as a means for complying with the color requirement. Other proposed methods for identifying above ground pipe must be reviewed and approved by Mesa Water on a case-by-case basis.
- Sprinkler Labeling/Tags – For sprinkler risers located on slopes or in the vicinity of adjacent properties, the risers shall be installed with either sprinkler warning labels/warning tags or riser markers as is appropriate for each situation. The riser markers shall be Christy's Model #5100 for Recycled Water applications, and Christy's Model #5200 for Non-Potable Water applications, or approved equal.

8.4.7.3 Valve Identification

All ~~remote-control~~ remote-control valves, gate valves, quick coupling, drip valve assemblies, flush valve assemblies, manual drain valves, and pressure relief valves shall be installed in suitable valve boxes, complete with locking and hinged cover, or other approved secure enclosure. Recycled Water valve boxes and covers must be colored purple and have Recycled Water identification imprinted. ~~All valve~~ Valve box covers shall be bolted down with stainless steel bolts and washers.

8.4.7.4 Storage Tank Identification

Each and every storage tank shall be identified by a painted label as containing Recycled Water. The label shall contain the words "DO NO DRINK - RECYCLED WATER" with white letters at least 2 inches high on a purple background. In addition, at least one sign shall be posted on the fence surrounding each storage tank. The label and sign shall be so placed that they can be readily seen by ~~all~~ Water Operations staff using the facilities.

8.4.7.5 Vehicle Identification

Each and every vehicle used to distribute Recycled Water shall be identified by painted labels or signs as using Recycled Water. The label shall contain the words "DO NOT DRINK - RECYCLED WATER" with white letters on a purple background. The label shall be placed on the driver's side of the vehicle on the tank at a spot close to the cab. The labels or signs shall be so placed~~d~~ that they can be readily seen by ~~all~~ Operations staff using the vehicles.

8.5 PROCEDURES FOR ADMINISTRATION

8.5.1 Obtaining Service

The following interactions between Mesa Water and the Applicant are required for the administration of a Recycled Water Service.

8.5.1.1 Application Submittal

An application form for Recycled Water Service, in the form supplied by Mesa Water, shall be completed and signed by the Applicant, who may be the Owner or authorized representative. The Application shall request information concerning the Applicant's relationship to the subject property as legal Owner, tenants, or lessee; the type of Recycled Water use being proposed; the address and telephone number; and a legal description of the property to be served; purpose for which the property is to be used; and total area to be served. The Application may also list any special conditions for service pursuant to these Rules and Regulations. Certain technical information, derived from the design and peculiar to the type of Recycled Water use, may also be requested.

The Application form shall be accompanied by a service exhibit. This exhibit shall be a drawing delineating the subject Design Area, identifying the location and size of ~~all~~ Service Connections, delineating areas in which Recycled Water Service is to be applied or excluded, and showing the nearest major street(s).

8.5.1.2 Mesa Water Evaluation

Upon receipt of a completed Application, the General Manager shall review such Application and make such investigation relating thereto, as deemed necessary. The General Manager may prescribe specific requirements applicable to such Application, which may include, ~~but~~and shall not be limited to the design of the facilities, the manner of construction, the method of operation, and the conditions of service. An evaluation shall be performed by Mesa Water that will establish that ~~all~~ information obtained on the form is consistent with these Rules and Regulations and the requirements of the Appropriate Regulatory Agencies.

8.5.1.3 Issuing of User Agreement

A User Agreement or Water Service Agreement issued by Mesa Water and signed by the Applicant shall constitute a legally binding service agreement. A User Agreement or Water Service Agreement shall incorporate expressly, or by reference, these Rules and Regulations and shall also include any additional requirements prescribed by Mesa Water to ensure contained operation of the Recycled Water System and to protect the public's health.

8.5.1.4 Service Activation

Following final inspection, testing and approval of the project by Mesa Water, the Applicant shall request in writing Recycled Water Service activation. Following a service termination, regardless of the reason, service may be re-established by telephone request. For ~~all~~ service activation requests, Mesa Water shall require two Business Days' notice. In addition to two Business Days' notice, the designated User Supervisor must be onsite and available at the time.

8.5.2 Conditions of Service

Mesa Water reserves the right to revoke a User Agreement or Water Service Agreement if ~~all~~ or any of the service conditions contained herein are not complied with ~~at all~~ times continuously.

8.5.2.1 Regulatory Conditions

Service to a user may be terminated at any time if the quality of the Recycled Water does not comply with the requirements of Appropriate Regulatory Agencies or at any time the user's operations do not conform to these Rules and Regulations.

8.5.2.2 Financial Conditions

Conditions relating to Fees, Deposits, and billings shall be the same as established for the Potable Water System, as specified in Section 3 – Water Billing and Customer Service. Rates, Fees, and Charges for Recycled Water Service shall be as established by the Board.

A Fee may be imposed upon a user to re-establish Recycled Water Service if service was terminated at the request of the user or for reason of failure on the user's part to comply with Mesa Water requirements or these Rules and Regulations for Water Service. Fees shall be in accordance with those listed in the Water Rate and Charge Schedule.

8.5.2.3 Operational Conditions

8.5.2.3.1 Liability

Mesa Water shall not be liable for any damage caused by any Onsite Facilities.

8.5.2.3.2 Service Scheduling

~~In order to~~To maintain acceptable working conditions throughout the Recycled Water distribution system, Mesa Water may schedule the use of Recycled Water. Such scheduling may involve programming deliveries to different users or to various portions of a single user's Onsite System. Scheduling shall ~~take into account~~consider the constraints of Appropriate Regulatory Agencies, the requirements of these Rules and Regulations, and the operating constraints of affected users.

8.5.2.3.3 Relations of Property to Service

A Service Connection shall not be used to supply adjoining property of a different Owner nor an area outside the Owner's defined area.

8.5.2.3.4 Metering

~~All~~ Recycled Water used on any premises where a Mesa Water meter is installed shall pass through that meter. Users shall be held responsible and charged for ~~all~~ _Water passing through a Mesa Water meter.

8.5.2.3.5 Other Conditions

Conditions relating to meter reading and testing, and service terminations shall be the same as established for the Potable Water System.

8.5.3 Reporting

The following types of reporting shall be transmitted in writing.

8.5.3.1 Mesa Water to User

The following items shall be reported by Mesa Water to the user:

- The quantity of Recycled Water delivered to the user during the applicable billing period, to be submitted as part of Mesa Water's billing for Recycled Water Service and shall be based on readings taken from its meter.
- The quality of Recycled Water delivered to the user, to be submitted only at the specific written request of the user.

8.5.3.2 User to Mesa Water

The user shall report the following items within 24 hours of an occurrence to Engineering or Water Operations staff:

- Any failure of Onsite potable or Recycled Water pipelines, storage tanks or related facilities-
- Any Violation of Mesa Water's Rules and Regulations for Water Service-
- Change in Owner, User Supervisor-
- Alterations to any Onsite Facilities or topography-

8.5.4 Violations

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8.5.4.1 Determination

Mesa Water reserves the right to determine whether a Violation of these Rules and Regulations has resulted from any action or occurrence that is the responsibility of the user.

8.5.4.2 Specific Violations

Specific Violations shall include those that directly caused non-compliance with any one of the specific prohibitions as listed in Section 8.2.19 of these Rules and Regulations: Runoff conditions, Ponding conditions, unapproved uses, disposal in unapproved areas, Cross Connections, unprotected drinking fountains, Hose Bibs, and fire hydrants. However, by definition, non-compliance with any condition or conditions of these Rules and Regulations, whether willfully or by accident, shall constitute a Violation.

8.5.4.3 Corrective Action

If the General Manager's investigation results in the determination that a Violation has occurred, Mesa Water shall immediately notify the user. It shall be the responsibility of the user to promptly initiate action that will correct the conditions having caused the Violation. If, in the opinion of the General Manager, the Violation constitutes an immediate danger to the public health, then service may be terminated immediately by shutting off the meter and locking it. Service shall be resumed only after such Violation has been corrected to the satisfaction of the General Manager. If the Violation is determined to be of a lesser degree of danger to public health, then a timetable for completing the corrections shall be negotiated between the General Manager and the user, with Mesa Water having final approval. Corrections not being made in accordance with the timetable may also result in the termination of service.

The Appropriate Regulatory Agencies may order a service termination if they find a Violation that constitutes an immediate danger to public health. Service shall be resumed only after the Violation has been corrected to the satisfaction of both the Appropriate Regulatory Agencies and Mesa Water.

8.5.4.4 Appeal

A user may appeal Mesa Water's determination on a matter in accordance with Section 2.7-2.9 of these Rules and Regulations.

Appendix 1: Application for New Service



1965 Placentia Avenue, Costa Mesa, CA 92627 949-631-1291

MESA WATER FILE NO.

THIS APPLICATION BECOMES A PERMIT
WHEN APPROVED AND VALIDATED

APPLICATION FOR NEW SERVICE

Legal Description of
Property _____

Assessors Parcel No. _____

Address of Property _____

APPLICANT (Property Owner Only) *Type or Print*

(Property Owner) _____

(Mailing Address) _____

(City/State/Zip) _____

Phone _____

DL#/SS# _____

I attest under penalty of law to the truth and correctness
of all facts, exhibits, maps and attachments presented
with and made a part of this application.

I hereby authorize _____
to act as my representative and to bind me in all matters
concerning this application.

Signature – Applicant (Property Owner only)

day of _____, 20____

Signature (Notary)

(SEAL)

FOR MESA WATER USE ONLY – Do Not Write Below This Line

PERMIT

THE TERMS AND CONDITIONS OF THIS PERMIT ARE PRINTED ON BOTH SIDES OF
THIS FORM. APPLICANT HEREBY ACKNOWLEDGES THAT HE OR SHE HAS READ
AND UNDERSTANDS SAID TERMS AND CONDITIONS AND AGREES TO ABIDE BY
THEM.

Signature of Applicant (Property Owner only)

PERMIT APPROVED FOR MESA WATER

By _____

Date _____

Permit Expires _____

WATER BILLING SERVICE CUSTOMER

☐ Applicant ☐ Contractor ☐ Other (Below)

Name _____

Address _____

Zip _____

Phone _____

DL#/SS# _____

CONTRACTOR *Type or Print (if applicable)*

Name _____

Address _____

Bus.
Phone _____

Job Site
Phone _____

License No. _____

License Type _____

Business Tax ID# _____

Date Entered on Computer _____

Customer No. _____

Account Nos. _____

VALIDATION

For Work Done By Mesa Water District® (Mesa)

AGREEMENT: I agree to have my installation fee credited to charges for installation costs and I understand the installation fee is on a fixed cost basis. I further understand that the installation shall at all times remain under the exclusive control of Mesa, and that the water will not be turned on until any required backflow devices have been installed, tested and certified. I further understand that the water service will be billed to the applicant whose name appears on this form, or if specified to the billing customer, until Mesa has been instructed to bill otherwise. This Agreement is subject to the current Mesa Rules and Regulations and Standard Specifications on file at Mesa's office.

For Work Done Under Permit

A construction performance bond shall be posted in accordance with the current Mesa Rules and Regulations. The bond and Permit Fee must be received by Mesa prior to Mesa's final approval of plans and/or issuance of Permit. All work done under this Permit shall in accordance with the current Mesa Rules and Regulations and Standard Specifications.

I understand that the installation shall at all times remain under the exclusive control of Mesa, and that the water will not be turned on until any required backflow devices have been installed, tested and certified. I further understand that the water service will be billed to the applicant whose name appears on this form, or if specified to the billing customer, until Mesa has been instructed to bill otherwise.

Capacity Charges

Capacity Charges will be collected by Mesa on all projects requiring new or additional water service in accordance with the current Mesa Rules and Regulations. I understand that if Mesa determines after installation that water use exceeds the expected amount for the fixed capacity of a meter, a larger meter with a larger flow capacity will be installed and I will be required to pay the additional net increase in the Capacity Charges.

Appendix 2: Customer Service Meter Request Form



Customer Service Meter Test Request Form

Customer Information			
Name on Water Bill		Phone	
Account Number	--		
Property Address		City	
Mailing Address (if different)		City	
Email Address			

Customer's Reason for Meter Test Request:

The terms and conditions as listed in the Rules and Regulations for Water Service shall apply to the Customer of Record requesting testing of a water meter.

The Customer of Record shall submit to Mesa Water a meter test deposit of \$50.00, or as listed in the current Water Rate and Charge Schedule.

A receipt for payment of the meter test deposit will be provided to the customer of record, and a copy will be kept with this request form.

I agree to the terms and conditions as listed in the Rules and Regulations for Water Service, and that the meter test deposit may be forfeited if the meter is found to be accurate within the limits as specified therein.

Customer Name

Customer Signature

Appendix 3: Payment Voucher



1965 Placentia Avenue, Costa Mesa, CA 92627 949-631-1291

PAYMENT VOUCHER

DATE: _____ JOB LOCATION: _____

MC FILE NO.: _____

APPLICANT: _____

PAID BY: _____ CHECK: _____ CASH: _____

AFFILIATION: _____ PHONE: _____

ADDRESS: _____ ZIP CODE: _____

DESCRIPTION			QUANTITY	PRICE EACH (1)	DEPOSIT AMOUNT (1)
METER INSTALLATION	SIZE:	5/8"		\$	\$
	SIZE:	3/4"		\$	\$
	SIZE:	1"		\$	\$
	SIZE:	1 1/2"		\$	\$
	SIZE:	2"		\$	\$
MANIFOLD	SIZE:			\$	\$
PLAN CHECK -					
FIRST SERVICE (RESIDENTIAL / COMMERCIAL)				\$	\$
ADDITIONAL SERVICES				\$	\$
METER CHANGES ONLY				\$	\$
ADDITIONAL PLAN REVIEWS (4 TH OR MORE)				\$	\$
CONSTRUCTION PERFORMANCE BOND					\$
CAPACITY CHARGES					\$
OTHER (PLEASE SPECIFY)					\$
<u>CONSTRUCTION INSPECTION</u>			<u>DEPOSIT</u>	<u>QUANTITY</u>	
Backflow Devices			\$		\$
Meters			\$		\$
Service Connection			\$		\$
Manifolds			\$		\$
Pressure Test			\$		\$
Firelines			\$		\$
Valves			\$		\$
Chlorination/Flushing & Health Sample			\$		\$
Weld Connections			\$		\$
Shutdown			\$		\$
AFTER HOURS INSPECTION-			\$ PER HOUR		\$
CONSTRUCTION INSPECTION TOTAL					\$

(1) Refer to the Mesa Water District website (www.mesawater.org) under Water Rate and Charge Schedules for costs.

TOTAL DEPOSIT \$

Prepared by: _____

Date: _____

Checked by: _____

Date: _____

Approved by: _____

Date: _____

Appendix 4: Application for Temporary Water Service



APPLICATION FOR TEMPORARY WATER SERVICE

Mesa Water District
1965 Placentia Avenue, Costa Mesa, CA 92627
949.631.1200

Date

Customer Billing Information

☐	Company	☐	Individual			
Name					Phone	
Federal Tax ID						
CA Contractor's License #						
Billing/Mailing Address						
City		State		Zip		

Job Site Information

Site Contact Name		Contact Phone	
Address / Cross Streets			
Estimated Length of time at location			

Deposit

Deposit Amount	\$	Payment Method	Check / Credit / Cash

I have read and agree to the Rules for Hydrant Meters for Construction Water Service.

Contact Name (Print) _____ Contact Signature _____

Mesa Water District use only

Account Number _____

Location: Atlas Sheet _____ Hydrant # _____

**Appendix 5: Rules for Hydrant Meters
for Construction Water Service**



RULES FOR HYDRANT METERS FOR CONSTRUCTION WATER SERVICE

Mesa Water District Policy DS-009, Attachment B

Revised January 01, 2018

REQUIREMENTS:

1. Mesa Water District (Mesa Water®) requires a minimum of one business day notice to set up or pick up hydrant meters.
2. An applicant or acting agent for the applicant must confirm the beginning meter read of the hydrant meter and complete the Rules for Hydrant Meters for Construction Water Service in order to activate water service.
3. Hydrant meters are locked to the selected hydrant. Selected hydrants must be a Mesa Water hydrant; Private hydrants may not be used with Mesa Water hydrant meters.
4. Mesa Water requires a minimum of one business day notice for moving a hydrant meter to an alternate location, during normal business hours. Only Mesa Water employees are authorized to move hydrant meters.
5. The hydrant meter permit holder assumes all liability arising from the use of said Mesa Water facilities and equipment, and will pay all costs for repair or replacement regardless of circumstances.
6. Mesa Water reserves the right to determine the degree of hazard associated with the temporary connection and may elect to require backflow protection. Mesa Water will install and certify the appropriate backflow device when required.

FEES & CHARGES:

1. A deposit of **\$1,030.00** for each hydrant meter must be paid once the hydrant meter has been set and water service has started.
2. A one-time **\$149.00** hydrant meter Installation Fee to set up each hydrant meter will be charged to the customer's account.
3. The water usage charge is **\$4.27** per unit (1 unit = 748 gallons) of water used.
4. Daily rental rate for hydrant meters is **\$10.00**
5. A charge of **\$75.00** for moving the hydrant meter will be assessed when Mesa Water is not given sufficient advance notice to relocate hydrant meter. There is no charge for moving a hydrant meter with a minimum of one business day notice.
6. Backflow device set-up and certification fee is **\$45.00**.
7. Repair to or replacement of damaged hydrant meter parts is the actual cost of the part, plus labor. Labor costs are currently **\$150.00** per incident.
8. Replacement of stolen, lost meters is the actual cost of a replacement meter, which is currently **\$1,030.00**.

PAYMENT:

1. Regular Bi-monthly Bills and Closing bills are due and payable upon receipt.
2. Delinquent Bills: Accounts not paid by the due date on the bill will be sent a delinquent bill and charged a late fee. Past due accounts will be sent to a collection agency and are subject to a penalty.

By accepting water service, you are subject to Mesa Water's Rules and Regulations for Water Service, and are responsible for all charges until you notify Mesa Water to stop your water service/pick up hydrant meter. Please call 949.631.1200 to schedule pick-up when your job is completed.

I have read and agree to the Rules for Hydrant Meters for Construction Water Service.

Contact Name (Print) _____ Contact Signature _____

Appendix 6: Water Service Agreement

FILE NO. _____

**WATER SERVICE AGREEMENT WITH THE
MESA WATER DISTRICT
FOR WATER SERVICE**

Date: _____
File No.: _____
Location: _____
Atlas Sheet No.: _____

The undersigned, (hereinafter referred to as "Applicant"), hereby requests water service by the **MESA WATER DISTRICT**, (hereinafter referred to as "Mesa Water"), in accordance with all of the terms and conditions of this Water Service Agreement and Mesa Water's Rules and Regulations For Water Service", (hereinafter referred to as "Rules and Regulations"), which are incorporated herein by this reference and made a part hereof as though fully set forth.

Applicant hereby applies for that service as applicable, which can be provided by the facilities described below, to that certain real property located within Mesa Water, in the County of Orange, State of California, described as follows (metes and bounds description or as acceptable to Mesa Water):

AP-

Said property is to be used for the purpose(s) of:

Applicant hereby represents that Applicant is the owner of said real property. Applicant estimates that the total service to be required of Mesa Water upon development of said real property is _____ gallons per minute ("GPM") on the basis of the connected capacity demand ("CCD") as defined in the Rules and Regulations of Mesa Water.

Upon acceptance of this Application by Mesa Water, together with all costs, including the Capacity Charge as determined by the Mesa Water District Engineer or an authorized representative subject to appeal to the General Manager or the Board of Directors, plans and specifications, bonds, conveyance of necessary easements, and other items as may be required herein, Mesa Water agrees to provide the requested water service subject to the terms and conditions herein set forth and set forth in the Rules and Regulations of Mesa Water. Mesa Water shall deliver to the Applicant an executed copy of this Agreement.

1. Applicant shall adhere to the requirements prescribed by the Rules and Regulations, as amended from time to time, and to any additional requirements prescribed from time to time by the General Manager or Board of Directors of Mesa Water, or both, to insure compliance with such Rules and Regulations as to obtaining water.

2. Applicant hereby agrees to build or cause to be built the described water facilities, (hereinafter collectively referred to as "the Facilities"), and agrees to pay all costs of installation of same, including, but not limited to, cost of labor, materials, equipment, contractor's expense and profit,

environmental studies, design, engineering, surveying, inspection, testing, plan check, land and easement acquisition, condemnation, attorney's fees, insurance and bond premiums.

3. Applicant agrees that the Facilities shall be constructed in accordance with plans and specifications which shall comply with all applicable requirements of Mesa Water's "Standard Specifications for the Construction of Water Facilities", including, but not limited to, requirements as to information to be shown on the plans. Said document is on file at the office of Mesa Water and is by this reference incorporated herein. Such plans and specifications shall be approved by Mesa Water. Such approval of the plans and specifications by Mesa Water shall not constitute approval of the permit applied for herein. The Facilities shall be constructed by a contractor licensed by the State of California to install said Facilities.

4. Applicant guarantees the Facilities constructed under this Agreement against defects in workmanship and materials for a period of one (1) year after the date of acceptance of the Facilities by Mesa Water. It is further agreed that the Facilities shall be restored to full compliance with the requirements of the plans and specifications, including any test requirements, if during said one (1) year period the Facilities or any portion thereof are found not to be in conformance with any provisions of said plans and specifications. This guarantee is in addition to any and all other warranties, express or implied, with respect to the Facilities.

5. Applicant agrees to grant, or cause to be granted to Mesa Water, without cost to Mesa Water, all necessary easements for construction, installation, maintenance and access to the Facilities, across all privately-owned lands to be traversed by the Facilities, which easements shall be in a form and condition of title satisfactory to Mesa Water and shall be executed by all necessary parties having an interest in said lands.

6. Applicant, if applicable, agrees to provide to Mesa Water, prior to acceptance of the Facilities, a complete set of reproducible mylars of the approved plans and specifications for the Facilities.

7. Upon completion of the Facilities, Applicant, if applicable, agrees to execute and deliver to Mesa Water a report of the actual costs of the Facilities and to substantiate such report with invoices and receipts acceptable to Mesa Water. Applicant further agrees that such Facilities will become the property of Mesa Water when it is accepted by its duly authorized employee, evidencing acceptance of the Facilities. However, Applicant hereby disclaims in favor of Mesa Water all right, title and interest in and to said systems, appurtenances and easements; and Applicant hereby covenants and agrees to execute and deliver to Mesa Water any documents required to complete the transfer of the Facilities concurrently with the acceptance thereof by Mesa Water; and Applicant hereby agrees that Applicant is holding any title to said Facilities, pending acceptance thereof by Mesa Water, as trustee, acknowledging Applicant's obligation to complete said Facilities and transfer the same debt free to Mesa Water.

8. It is agreed that the above provisions shall not preclude the use of the Facilities by property owners within the developed area or outside of said development prior to such delivery of actual costs to Mesa Water, as long as the quality of said water is acceptable to Mesa Water under its Rules and Regulations and written permission has been obtained from Mesa Water by such property owners to connect to the Facilities or to existing facilities. Applicant agrees that the use of the Facilities by the Applicant, transferee or assignee of the Applicant, or others within Mesa Water, will not constitute acceptance of the Facilities by Mesa Water.

9. Applicant agrees to hold Mesa Water harmless from any expense or liability resulting from the construction of the Facilities, and further agrees that Applicant will indemnify and hold Mesa Water, its agents, employees, officers and representatives, free and harmless from and against any and all liabilities for death, injury, loss, damage or expense, (including reasonable attorney's fees), to person or property which may arise or is claimed to have arisen as a result of any work or action performed by Applicant or on behalf of Applicant with respect to the construction and in the installation or repair of the Facilities.

10. Applicant shall submit, concurrently with this Application, if applicable, Payment and Performance Bonds, in connection with the Facilities to be constructed, and for an amount to be determined by Mesa Water.

11. Applicant hereby agrees to pay all administration and engineering costs, (including inspection and plan check costs), calculated as a percentage of the total cost as estimated by Mesa Water, as well as Capacity Charges, meter costs, interim water service line costs, (if applicable), and any other costs incurred by Mesa Water. The amount of such costs shall be based on the applicable schedules of the Rules and Regulations in effect on the date when Applicant has submitted to Mesa Water its completed Application, payment of all deposits, plans and specifications, bonds, conveyance of necessary easements and other items which may be required herein prior to issuance of the permit and the plans of the Applicant have been approved by Mesa Water. Such deposits shall be set forth on Exhibit "A" hereto by Mesa Water, which Exhibit is by this reference incorporated herein, and is subject to revision pursuant to any changes in the applicable schedules prior to the date and application and all accompanying materials and payment are completed, submitted to and approved by Mesa Water.

Applicant hereby agrees that the meter costs set forth in Exhibit "A" includes the provisions by Mesa Water of a water meter and customer control valve. Applicant agrees that the customer control valve is to be obtained from Mesa Water and installed by the Applicant's contractor as the work progresses, and that the water meter is to be installed by Mesa Water prior to the provision of permanent water service by Mesa Water.

Applicant acknowledges and agrees that the payment of such costs is being required prior to final inspection or issuance of certificates of occupancy for the development proposed by Applicant, and that such requirement for prior payment is in accordance with all applicable legal requirements pursuant to Section 53077 et seq. of the Government Code.

12. Applicant agrees to accept such conditions of pressure and service as are provided for by District's water system at the location of all proposed connections thereto and to hold Mesa Water harmless from and against any and all damages, liability and expense arising out of high or low pressure conditions with respect thereto or from interruptions of service.

13. Applicant agrees, if said Mesa Water employs an attorney to enforce this Agreement, to pay said Mesa Water for all attorney's fees to be incurred.

14. Applicant agrees that the General Manager of Mesa Water or his authorized representative may enter upon the hereinabove described property during reasonable hours for the purpose of ascertaining whether the provisions of this Agreement are being performed. Applicant shall not be responsible in any way for the failure of its successors or assigns to comply with any of the provisions of this Agreement.

15. Applicant agrees that service shall be commenced only after the Facilities have been completed and transferred to Mesa Water and all required testing and inspection has been accomplished by Mesa Water.

Applicant is aware that the contracts may not have been let for all necessary water facilities of Mesa Water in order that Applicant can actually receive water service. Applicant further agrees that Mesa Water shall not be obligated to the Applicant or the successors of the Applicant for water service until such time as the actual completion of said necessary Mesa Water facilities.

16. Special conditions for service, if any:

IN WITNESS WHEREOF, the parties have duly caused their authorized signatures to be affixed hereto.

APPLICANT

Date: _____

Print Name

PROPERTY OWNER

Date: _____

Print Name

MESA WATER DISTRICT

By: _____
Mesa Water District Engineer

Date: _____

**EXHIBIT "A" TO
APPLICATION TO AND AGREEMENT WITH
THE MESA WATER DISTRICT
FOR WATER SERVICE**

Water Service Deposits

(i) **Capacity Charges**

(a) _____ GPM \$ _____

(b) Credit Towards Capacity Charges,
(If Applicable) \$ _____

(c) Existing Meter Sizes, (If Applicable)

SUBTOTAL \$ _____

(ii) **Administrative and Engineering**

Performance Bond \$ _____ at _____ % \$ _____

Plan Check \$ _____

Construction Inspection \$ _____

SUBTOTAL \$ _____

(iii) **Meter Installation**

_____ meters at \$ _____ per meter \$ _____

_____ meters at \$ _____ per meter \$ _____

_____ meters at \$ _____ per meter \$ _____

SUBTOTAL \$ _____

TOTAL DEPOSIT \$ _____

NOTICE – The Mesa Water District imposes a Capacity Charge pursuant to provisions of Government Code §66000 and following the Rules and Regulations of Mesa Water District adopted pursuant to Water Code §31024. These fees are used to finance necessary water facilities. The Capacity Charges and the basis for their collection are further described in the documents providing for their imposition and collection.

NOTICE IS FURTHER GIVEN, pursuant to Government Code §66020(d) that you have a 90-day period from the date of approval of the relevant project, or payment of the Capacity Charges, whichever first occurs, to provide a protest to Mesa Water District of the basis or the amount for such Capacity Charges.

I have received and read the above notice for Capacity Charges.

Signed _____

as an agent for _____

Date _____

DRAFT

Applicant Acknowledgment of Responsibility for Meters

I acknowledge that I have read and understand the following concerning the meter(s) to be installed on this project.

- 1) Meter(s) installation, operation and billing will be done in compliance with Mesa Water's Rules and Regulations for Water Service and Standard Specifications.
- 2) All meters smaller than 3" will only be installed by Mesa Water. Meter(s) 3" or larger will be installed only in the presence of authorized Mesa Water personnel regardless of the presence of any other agency(ies)' representatives.
- 3) The meter(s) must be clearly marked and protected from damage at all times. The applicant will be responsible for all damaged meters.
- 4) The meter(s) must remain accessible for reading at all times. If it is not, applicant will pay for costs incurred in rereading the meter.
- 5) Once the meter(s) is installed the applicant will be responsible for the meter. If it is damaged in any manner it will be repaired or replaced only by Mesa Water and the applicant will be required to pay Mesa Water for repairs and/or replacement.
- 6) Charges for the Basic Charge and any Usage Charges will commence as soon as the meter(s) is installed by Mesa Water or received by the applicant from Mesa Water.
- 7) If applicant wishes the meter(s) shut off and locked by Mesa Water they will not be responsible for the Basic Charge. Please call Customer Service, 949-631-1200, to arrange for termination of service. When the meter is turned on again any Usage registered on the meter will be billed to the applicant. If it is not possible to shut off and lock the meter(s) (which is the case with meters 3" or larger) applicant will be billed for both the Basic Charge and any Usage recorded by the meter.
- 8) Any costs to Mesa Water for failure to comply with these requirements will be payable by the applicant.

Signature of Applicant

Date

Name of Applicant (please print)

Witnessed by: _____
(Mesa Water Engineering staff)

MC Number: _____

Location: _____



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Andrew D. Wiesner, P.E., District Engineer
DATE: January 28, 2026
SUBJECT: Replacement of Assets Including Pipeline and Well Rehabilitation
(Including Pipeline Integrity Program Update)

RECOMMENDATION

Adopt Resolution No. 1610 Regarding Mesa Water District's Replacement of Assets Including Pipeline and Well Rehabilitation Superseding Resolution No. 1525.

STRATEGIC PLAN

Goal #1: Provide an abundant, local, reliable, and safe water supply.
Goal #2: Perpetually renew and improve our infrastructure.
Goal #3: Be financially responsible and transparent.

PRIOR BOARD ACTION/DISCUSSION

At its June 5, 1980 meeting, the Board of Directors (Board) adopted Resolution No. 891 Governing Vehicle Replacement.

At its July 11, 2002 meeting, the Board adopted Resolution No. 1268 Regarding the Replacement of Assets Superseding Resolution No. 891.

At its March 15, 2014 meeting, the Board adopted Resolution No. 1442 Regarding the Replacement of Assets Including Pipeline and Well Rehabilitation Superseding Resolution No. 1268.

At its October 10, 2019 meeting, the Board adopted Resolution No. 1525 Regarding the Replacement of Assets Including Pipeline and Well Rehabilitation Superseding Resolution No. 1442.

At its September 28, 2021, September 27, 2023 and April 4, 2024 meetings, the Board received an update on the Pipeline Integrity Program.

At its October 22, 2025 meeting, the Board received an update on the Pipeline Integrity Program, including proposed changes to the Replacement of Assets resolution.

DISCUSSION

Mesa Water District's (Mesa Water®) policy for Replacement of Assets has evolved through the years as new information is collected about the useful life of assets. This is especially true for pipeline assets since Mesa Water's Pipeline Integrity Program (PIP) is the implementation of the Replacement of Assets policy to pipeline assets. The current policy, Resolution No. 1525 Replacement of Assets, was adopted in 2019. The current policy works well for AC pipes, which are 75% of Mesa Water's pipelines by length and primarily distribution pipelines 12 inches in

diameter and smaller. These pipelines can be continued to managed using number of breaks and break rate to trigger non-destructive testing to determine the remaining useful life.

At the October 22, 2025 Board meeting, staff proposed updates to Resolution No. 1525 Replacement of Assets to better manage the remainder of Mesa Water's pipelines:

1. **Proactive Management of Transmission Lines with a High Consequence of Failure.** Large diameter transmission lines that are critical to moving groundwater that are nearing the end of their age-based useful life will be candidates for non-destructive testing even if they have not had any breaks.
2. **Pipelines With High Breaks that do not have a cost-effective non-destructive testing technology.** Where pipelines have high breaks, but there is not a cost-effective non-destructive testing technology to determine remaining useful life, these pipelines may be classified as "failed due to performance" when the following criteria is met:
 - i. Distribution cohorts
 1. 3 or more condition-related breaks,
 2. Condition-related break within the past 5 years, and
 3. Break rate exceeds 0.4 annual breaks per mile
 - ii. Transmission cohorts
 1. 3 or more condition-related breaks,
 2. Condition-related break within the past 5 years, and
 3. Break rate exceeds 0.3 annual breaks per mile

Staff received insightful feedback from the Board and has incorporated the feedback into Resolution No. 1610 Replacement of Assets. The proposed updates to the version presented on October 22, 2025 included the following:

- Documenting the relationship of risk management factors of frequency, distance and duration in the key metric of break rate expressed as number of breaks (frequency) per mile (distance) per year (duration).
- Adding a narrative to describe how the decision-making flow chart works.
- Clarifying that only condition-related breaks, rather than breaks caused by external factors such as contractor hits, are considered in the break count and in recent breaks.

The proposed changes to the Replacement of Assets Resolution are shown in Attachments A and B.

The adoption of Resolution No. 1610 Replacement of Assets would result in the following near-term projects being recommended:

- Non-destructive testing of the 30-inch transmission line in Pomona Avenue, which was installed in 1926 and is critical for conveying groundwater from the wells and reservoirs to the southern part of the service area (approximately \$100K)



- Replacement of the qualifying distribution pipelines in the 1951 Cohort (Wallace Avenue (approximately \$1MM) and Maple Avenue (approximately \$2MM)) in the next three to five years

FINANCIAL IMPACT

In Fiscal Year 2026, \$200,000 is budgeted for the Pipeline Integrity Program; \$7,314 has been spent to date.

ATTACHMENTS

Attachment A: Draft Resolution No. 1610

Attachment B: Resolution No. 1525, Redline

RESOLUTION NO. 1610

RESOLUTION OF THE MESA WATER DISTRICT BOARD OF DIRECTORS REGARDING THE REPLACEMENT OF ASSETS INCLUDING PIPELINE AND WELL REHABILITATION SUPERSEDING RESOLUTION NO. 1525

WHEREAS, 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 assets include the water distribution system and the water wells, which group of assets shall therefore be the scope of this resolution; and

WHEREAS, age alone is a poor indicator of individual asset condition and remaining useful life; and

WHEREAS, the useful life of an individual asset in an asset class may be longer or shorter than the average useful life for that class.

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

Section 1. Effective January 28, 2026, assets will not be replaced solely because they have reached the average useful life for their asset class and assets will not be kept merely because they have not yet reached the average useful life for their asset class.

Section 2. Before an asset is included in a proposed budget for replacement, Mesa Water's staff will evaluate its replacement or rehabilitation need based on operations and maintenance cost, improvements in technology, changing laws and regulations, risk management/safety implications, market availability and repair history.

Section 3. Pipes in the water distribution system will be replaced when their useful life has been achieved. The pipeline useful life and pipeline cohort group herein are defined as follows:

- A. Pipeline Useful Life – The pipeline useful life will be deemed to have been reached if testing and pipe cohort performance exceeds limits described in Appendix A.
- B. A pipe cohort is a group of pipelines with similar characteristics that can be evaluated as a group. The similar characteristics include the following:
 - 1. Installation Project Number
 - 2. Material of Construction
 - a. Asbestos Cement Pipe (ACP)
 - b. Polyvinyl Chloride (PVC)
 - c. Metallic
 - 3. Diameter
 - a. Transmission Pipelines 16 Inches and Above
 - b. Distribution Pipelines 14 Inches or Less
 - 4. Pipe Performance or Condition

Section 4. Groundwater production wells will be rehabilitated if and when well capacity drops by more than 20 percent for a given well, and overall clear water well capacity drops by more than 10 percent, taking into consideration the annual variation in groundwater levels. The well(s) prioritized for rehabilitation will be determined based on the highest loss of production capacity.

Section 5. The General Manager is hereby authorized and directed to take such actions as may be deemed necessary or advisable to effect the intent of the foregoing resolution.

Section 6. This Resolution shall be reevaluated in five years and supersedes Resolution No. 1525 and all other actions of the Board of Directors governing replacement of assets.

ADOPTED, SIGNED, and APPROVED this 28th day of January 2026 by a roll call vote.

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

Marice H. DePasquale
President, Board of Directors

Denise Khalifa
District Secretary

RESOLUTION NO. 1610

APPENDIX A

RESOLUTION OF THE MESA WATER DISTRICT BOARD OF DIRECTORS REGARDING THE REPLACEMENT OF ASSETS INCLUDING PIPELINE AND WELL REHABILITATION SUPERSEDING RESOLUTION NO. 1525

Figure 1 summarizes the METHODOLOGY that shall be used to determine whether a pipe cohort warrants opportunistic testing, proactive testing, and if the useful life has been achieved and should be replaced.

The methodology has its basis in risk management concepts of frequency, distance, and duration inherent in the break rate expressed as number of breaks (frequency) per mile (distance) per year (duration).

Using the Pipeline Management Decision Making Methodology chart in Figure 1, from left to right and top to bottom, provides the following decision-making guidance:

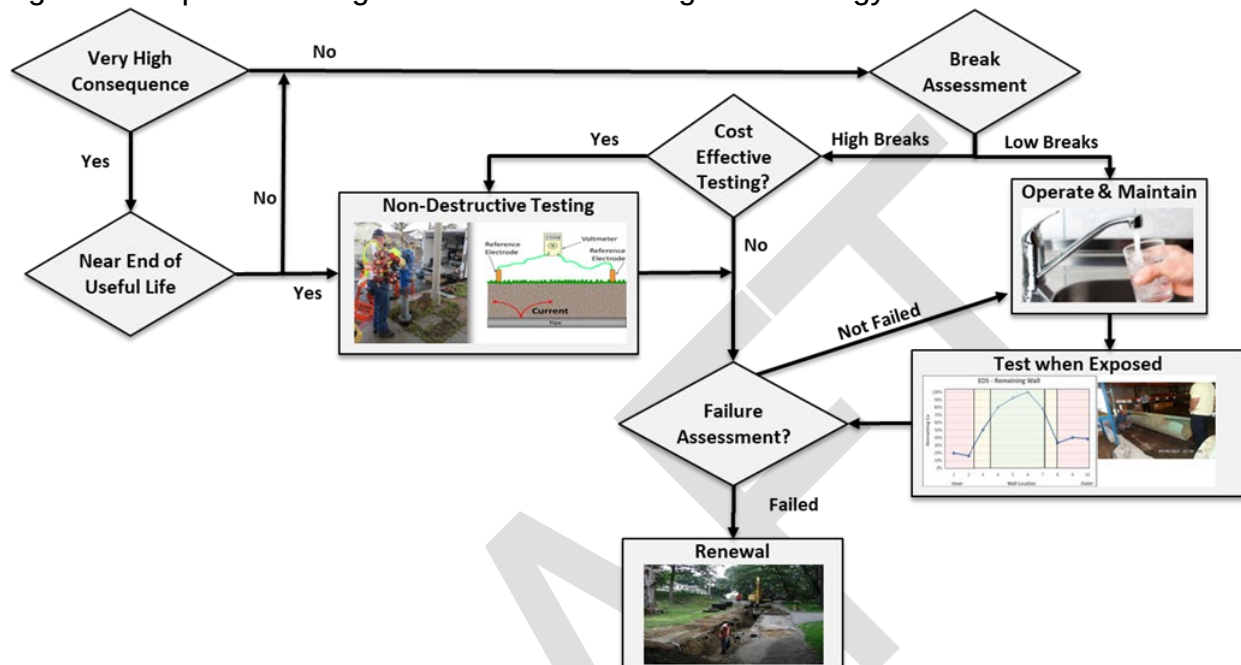
The consequence of failure is considered for transmission pipelines (16 inches in diameter and greater) critical for conveying groundwater from the wellfield and Mesa Water Reliability Facility to the reservoirs. For these critical transmission lines, even with no breaks, when they reach 90% of their age-based useful life, they will receive non-destructive testing to determine their condition and remaining useful life.

For pipeline cohorts of average to low consequence of failure, the number of breaks and break rate (breaks per mile per year) will determine if the pipeline cohorts should be considered for non-destructive testing. For pipeline cohorts with high breaks or a high break rate, non-destructive testing will be performed when it is feasible and cost effective. The purpose of non-destructive testing is to determine the remaining useful life of the pipeline cohort based on its condition. If a pipeline cohort shows less than 10 years of remaining useful life, and has high breaks or a high break rate, it will be slated for replacement. For pipeline cohorts where non-destructive testing is not feasible or cost effective, the number of breaks, break rate, and recent breaks will be used to determine if a pipeline cohort should be slated for replacement.

For pipeline cohorts with low break rates, the pipelines will continue to be operated and maintained. Pipeline operation and maintenance includes managing pressure in the pipeline system to avoid over pressurizing or pressure transients. Pipeline maintenance includes periodic testing and maintenance of cathodic protection systems to ensure that the metal pipes have adequate protection in corrosive soils. Whenever normal work, such

as a break repair or valve replacement, causes the pipe with low breaks to be exposed, a sample of the pipeline will be collected for destructive testing.

Figure 1 – Pipeline Management Decision Making Methodology



The terms in Figure 1 are defined as follows:

- A. "Very High Consequence" pipes are transmission lines designed to convey water between key facilities including the wellfield, treatment plant and reservoirs.
- B. "Near end of useful life" means within 90% of the age-based useful life as defined by American Water Works Association's Buried No Longer Report.
- C. Breaks Assessment – The performance of each cohort will be evaluated on an annual basis. Pipes that are performing well will be classified as "low breaks" and the cohort will continue to be operated and tested as opportunities emerge. As cohorts approach the end of useful life, performance will deteriorate. Cohorts categorized as having a performance of "high breaks" will be assessed using proactive testing. The definitions of "high" and "low" breaks are included below:
 1. "High Breaks"

- a. Distribution – If a distribution pipe cohort has 3 or more breaks and a historic break rate that exceeds 0.2 annual breaks per mile, the performance will be categorized as “high”.
 - b. Transmission – If a transmission pipe cohort has 2 or more breaks and a historic break rate that exceeds 0.2 annual breaks per mile, the performance will be categorized as “high”.
 2. “Low Breaks” – If the performance does not meet or exceed the thresholds for “high breaks” performance, the pipe cohort performance will be categorized as “low breaks” and the cohort will continue to be operated and tested as opportunities emerge.
- D. Operate & Maintain- Pipe condition warrants continued operation while maintaining pipe protection systems such as cathodic protection and pressure transient monitoring.
- E. Exposed Pipeline Testing – When a pipe is exposed for another reason (e.g. service tap, break, valve replacement, pipe replacement), it provides a unique opportunity to cost effectively gather condition assessment data since roughly 90 percent of the cost of testing is in exposing the pipe. Testing varies by pipe material and will consist of the following:
1. ACP – When a full ring sample or wall remnant can be taken, the sample will be collected and tested for remaining wall thickness.
 2. PVC – If a stick of pipe must be removed as part of break response, the sample will be collected and tested.
 3. Metallic – As part of break response, take photos of the pipe and collect a soil sample for corrosivity testing.
- F. Cost Effective Testing – Non-Destructive Testing that is feasible to perform, provides actionable information, and has a total cost that is less than 20% of the replacement cost of the pipeline.
- G. Non-Destructive Testing – When the performance of a pipe begins to deteriorate, proactive testing will be used to determine if the useful life has been achieved and the pipe should be replaced. Examples of proactive testing used by Mesa Water include electromagnetic testing, acoustic velocity testing, close interval surveys, and pipe sampling and testing. Engineering staff will continuously learn about proactive testing technologies, and strategically apply cost-effective proactive condition assessment to the pipelines.

- H. Failure Assessment – Data from breaks, non-destructive testing and exposed pipe testing will be evaluated to determine if the useful life has been reached and the cohort should be categorized as “failed” or “not failed”.
- I. “Failed” – The cohort will be categorized as failed and considered for replacement based on one of the following failure assessments:
1. Failed based on breaks and testing
 - a. Distribution cohorts
 - i. Testing shows less than 10 years of remaining useful life
 - ii. Break rate exceeds 1.0 annual breaks per mile
 - iii. 5 or more condition-related breaks total
 - b. Transmission cohorts
 - i. Testing shows less than 10 years of remaining useful life
 - ii. Break rate exceeds 0.5 annual breaks per mile
 - iii. 3 or more condition-related breaks total
 2. Failed due to performance, without test data
 - a. Distribution cohorts
 - i. 3 or more condition-related breaks
 - ii. Condition-related break within the past 5 years, and
 - iii. Break rate exceeds 0.4 annual breaks per mile
 - b. Transmission cohorts
 - i. 3 or more condition-related breaks
 - ii. Condition-related break within the past 5 years, and
 - iii. Break rate exceeds 0.3 annual breaks per mile
- J. “Not Failed” – If the performance does not meet or exceed the thresholds for “failed” condition, the pipe cohort will be categorized as “not failed” and the cohort will continue to be operated and assessed as opportunities emerge.
- K. Interagency Coordination – Staff will continue to meet with other local agencies such as the City of Costa Mesa and Costa Mesa Sanitary District to schedule water pipeline replacement projects in conjunction with other projects requiring road closures.
- L. This policy is designed to address typical decision-making. Staff shall apply good engineering and operational judgment and override this policy when special circumstances result in increased value for Mesa Water and ratepayers. This may include optimizing cohort boundaries or overriding decision-making. If the policy is overridden, staff shall gain approval from the Board prior to implementation.

M. Staff shall refine and continuously improve this policy as lessons are learned.

DRAFT

RESOLUTION NO. ~~1525~~1610

**RESOLUTION OF THE
MESA WATER DISTRICT BOARD OF DIRECTORS
REGARDING THE REPLACEMENT OF ASSETS
INCLUDING PIPELINE AND WELL REHABILITATION
SUPERSEDING RESOLUTION NO. ~~1442~~1525**

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 assets include the water distribution system and the water wells, which group of assets shall therefore be the scope of this resolution; and

WHEREAS, age alone is a poor indicator of individual asset condition and remaining useful life; and

WHEREAS, the useful life of an individual asset in an asset class may be longer or shorter than the average useful life for that class.

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

Section 1. Effective ~~October 10, 2019~~ January 28, 2026, assets will not be replaced solely because they have reached the average useful life for their asset class and assets will not be kept merely because they have not yet reached the average useful life for their asset class.

Section 2. Before an asset is included in a proposed budget for replacement, Mesa Water's staff will evaluate its replacement or rehabilitation need based on operations and maintenance cost, improvements in technology, changing laws and regulations, risk management/safety implications, market availability and repair history.

Section 3. Pipes in the water distribution system will be replaced when their useful life has been achieved. The pipeline useful life and pipeline cohort group herein are defined as follows:

- a) Pipeline Useful Life – The pipeline useful life will be deemed to have been reached if testing and pipe cohort performance exceeds limits described in Appendix A.
- b) A pipe cohort is a group of pipelines with similar characteristics that can be evaluated as a group. The similar characteristics include the following:
 - a. Installation Project Number
 - b. Material of Construction
 - i. Asbestos Cement Pipe (ACP)
 - ii. Polyvinyl Chloride (PVC)
 - iii. Metallic
 - c. Diameter
 - i. Transmission Pipelines 16 Inches and Above
 - ii. Distribution Pipelines 14 Inches or Less
 - d. Pipe Performance or Condition

Section 4. Groundwater production wells will be rehabilitated if and when well capacity drops by more than 20 percent for a given well, and overall clear water well capacity drops by more than 10 percent, taking into consideration the annual variation in groundwater levels. The well(s) prioritized for rehabilitation will be determined based on the highest loss of production capacity.

Section 5. The General Manager is hereby authorized and directed to take such actions as may be deemed necessary or advisable to effect the intent of the foregoing resolution.

Section 6. This Resolution shall be reevaluated in five years and supersedes Resolution No. ~~14421525~~ and all other actions of the Board of Directors governing replacement of assets.

ADOPTED, SIGNED, and APPROVED this ~~28th~~ day of ~~January 2026~~~~October 2019~~ by a roll call vote.

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

~~Shawn Dewane~~Marice H. DePasquale
 President, Board of Directors

Denise ~~Garcia~~Khalifa
District Secretary

DRAFT

RESOLUTION NO. ~~1525~~1610

APPENDIX A

RESOLUTION OF THE MESA WATER DISTRICT BOARD OF DIRECTORS REGARDING THE REPLACEMENT OF ASSETS INCLUDING PIPELINE AND WELL REHABILITATION SUPERSEDING RESOLUTION NO. ~~1442~~1525

Figure 1 summarizes the METHODOLOGY that shall be used to determine whether a pipe cohort warrants opportunistic testing, proactive testing, and if the useful life has been achieved and should be replaced. ~~The terms used are defined below:~~

The methodology has its basis in risk management concepts of frequency, distance, and duration inherent in the break rate expressed as number of breaks (frequency) per mile (distance) per year (duration).

Using the Pipeline Management Decision Making Methodology chart in Figure 1, from left to right and top to bottom, provides the following decision-making guidance:

The consequence of failure is considered for transmission pipelines (16 inches in diameter and greater) critical for conveying groundwater from the wellfield and Mesa Water Reliability Facility to the reservoirs. For these critical transmission lines, even with no breaks, when they reach 90% of their age-based useful life, they will receive non-destructive testing to determine their condition and remaining useful life.

For pipeline cohorts of average to low consequence of failure, the number of breaks and break rate (breaks per mile per year) will determine if the pipeline cohorts should be considered for non-destructive testing. For pipeline cohorts with high breaks or a high break rate, non-destructive testing will be performed when it is feasible and cost effective. The purpose of non-destructive testing is to determine the remaining useful life of the pipeline cohort based on its condition. If a pipeline cohort shows less than 10 years of remaining useful life, and has high breaks or a high break rate, it will be slated for replacement. For pipeline cohorts where non-destructive testing is not feasible or cost effective, the number of breaks, break rate, and recent breaks will be used to determine if a pipeline cohort should be slated for replacement.

For pipeline cohorts with low break rates, the pipelines will continue to be operated and maintained. Pipeline operation and maintenance includes managing pressure in the pipeline system to avoid over pressurizing or pressure transients. Pipeline maintenance includes periodic testing and maintenance of cathodic protection systems to ensure that the metal pipes have adequate protection in corrosive soils. Whenever normal work, such

as a break repair or valve replacement, causes a pipe with low breaks to be exposed, a sample of the pipeline will be collected for destructive testing.

Figure 1 – Pipeline Management Decision Making Methodology

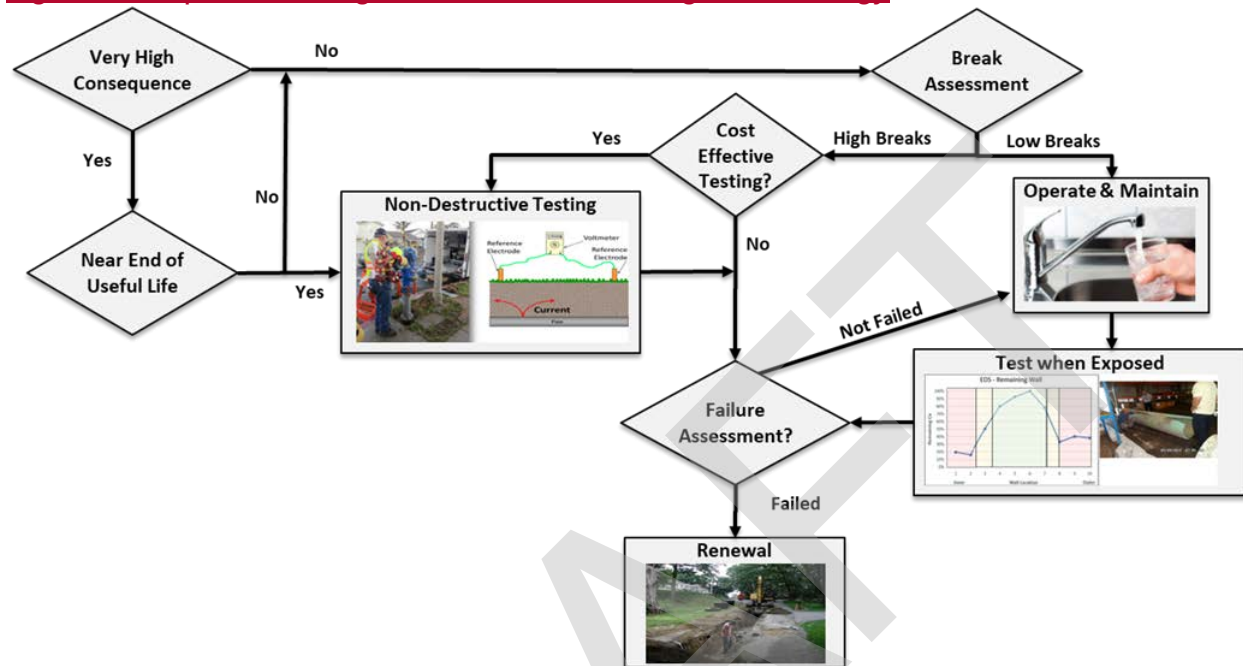
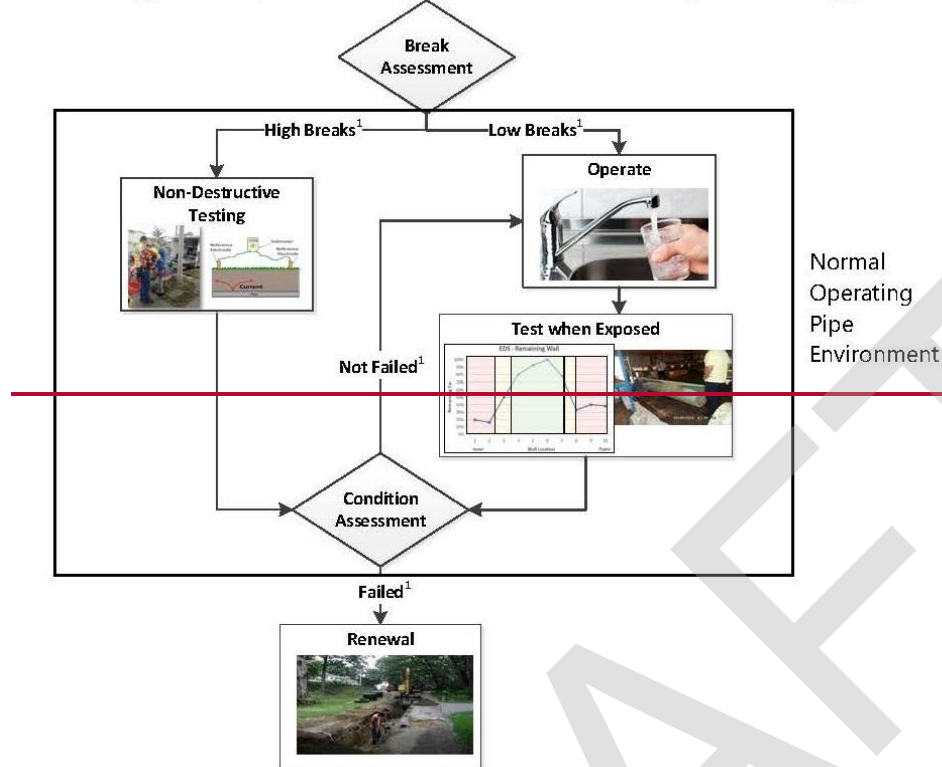


Figure 1. Pipeline Management Decision Making Methodology



¹The definitions of “Low Breaks”, “High Breaks”, “Failed”, and “Not Failed” are documented in Appendix A and dependent upon whether the pipe cohort is a transmission or distribution pipe.

The terms in Figure 1 are defined as follows:

a) "Very High Consequence" pipes are transmission lines designed to convey water between key facilities including the wellfield, treatment plant and reservoirs.

b) "Near end of useful life" means within 90% of the age-based useful life as defined by American Water Works Association's Buried No Longer Report.

a)c) Breaks Assessment – The performance of each cohort will be evaluated on an annual basis. Pipes that are performing well will be classified as "low breaks" and the cohort will continue to be operated and tested as opportunities emerge. As cohorts approach the end of useful life, performance will deteriorate. Cohorts categorized as having a performance of "high breaks" will be assessed using proactive testing. The definitions of "high" and "low" breaks are included below:

a. "High Breaks"

- i. Distribution – If a distribution pipe cohort has 3 or more breaks and a historic break rate that exceeds 0.2 annual breaks per mile, the performance will be categorized as "high".
- ii. Transmission – If a transmission pipe cohort has 2 or more breaks and a historic break rate that exceeds 0.2 annual breaks per mile, the performance will be categorized as "high".

b. "Low Breaks" – If the performance does not meet or exceed the thresholds for "high breaks" performance, the pipe cohort performance will be categorized as "low breaks" and the cohort will continue to be operated and tested as opportunities emerge.

d) Operate & Maintain- Pipe condition warrants continued operation while maintaining pipe protection systems such as cathodic protection and pressure transient monitoring.

b)e) Exposed Pipeline Testing – When a pipe is exposed for another reason (e.g. service tap, break, valve replacement, pipe replacement), it provides a unique opportunity to cost effectively gather condition assessment data since roughly 90 percent of the cost of testing is in exposing the pipe. Testing varies by pipe material and will consist of the following:

- a. ACP – When a full ring sample or wall remnant can be taken, the sample will be collected and tested for remaining wall thickness.
- b. PVC – If a stick of pipe must be removed as part of break response, the sample will be collected and tested.
- c. Metallic – As part of break response, take photos of the pipe and collect a soil sample for corrosivity testing.

f) Cost Effective Testing – Non-Destructive Testing that is feasible to perform, provides actionable information, and has a total cost that is less than 20% of the replacement cost of the pipeline.

e)g) Non-Destructive Testing – When the performance of a pipe begins to deteriorate, proactive testing will be used to determine if the useful life has been achieved and the pipe should be replaced. Examples of proactive testing used by Mesa Water include electromagnetic testing, acoustic velocity testing, close interval surveys, and pipe sampling and testing. Engineering staff will continuously learn about proactive testing technologies, and strategically apply cost-effective proactive condition assessment to the pipelines.

h) Condition Failure Assessment —~~When non-destructive or exposed pipeline testing is performed on a cohort, the results~~ Data from breaks, non-destructive testing and exposed pipe testing will be evaluated to determine if the useful life has been ~~achieved~~ reached and the cohort should be categorized as “failed” or “not failed”. ~~The definitions of “failed” and “not failed” are included below:~~

~~d)-~~

i) “Failed” – The cohort will be categorized as failed and considered for replacement ~~based on one of the following failure assessments: if the condition assessment testing shows less than 10 years of remaining useful life and one of the following criteria are met:~~

a. Failed based on breaks and testing

i. Distribution cohorts

1. Testing shows less than 10 years of remaining useful life

1.2. Break rate exceeds 1.0 annual breaks per mile

2.3. 5 or more condition-related breaks total

ii. Transmission cohorts

1. Testing shows less than 10 years of remaining useful life

1.2. Break rate exceeds 0.5 annual breaks per mile

2.3. 3 or more condition-related breaks total

b. Failed due to performance, without test data

i. Distribution cohorts

1. 3 or more condition-related breaks

2. BrokenCondition-related break within the past 5 years, and

3. Break rate exceeds 0.4 annual breaks per mile

ii. Transmission cohorts

1. 3 or more condition-related breaks

2. BrokenCondition-related break within the past 5 years, and

3. Break rate exceeds 0.3 annual breaks per mile

b.i) “Not Failed” – If the performance does not meet or exceed the thresholds for “failed” condition, the pipe cohort will be categorized as “not failed” and the cohort will continue to be operated and assessed as opportunities emerge.

~~e)k)~~ k) Interagency Coordination – Staff will continue to meet with other local agencies such as the City of Costa Mesa and Costa Mesa Sanitary District to schedule water pipeline replacement projects in conjunction with other projects requiring road closures.

~~f)l)~~ l) This policy is designed to address typical decision-making. Staff shall apply good engineering and operational judgment and override this policy when special circumstances result in increased value for Mesa Water and ratepayers. This may include optimizing cohort boundaries or overriding decision-making. If the policy is overridden, staff shall gain approval from the Board prior to implementation.

~~g)m)~~ m) Staff shall refine and continuously improve this policy as lessons are learned.

DRAFT



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Stacy Taylor, Water Policy Manager
DATE: January 28, 2026
SUBJECT: Mesa Water 2026 Policy Platforms and Positions

RECOMMENDATION

Approve the proposed updates to Mesa Water District's Policy Platforms and Positions for 2026.

STRATEGIC PLAN

Goal #1: Provide an abundant, local, reliable and safe water supply.
Goal #2: Perpetually renew and improve our infrastructure.
Goal #3: Be financially responsible and transparent.
Goal #4: Increase public awareness of Mesa Water.
Goal #5: Attract, develop and retain skilled employees.
Goal #6: Provide excellent customer service.
Goal #7: Actively participate in regional and statewide water issues.
Goal #8: Practice continual business improvement.

PRIOR BOARD ACTION/DISCUSSION

At its February 12, 2025 meeting, the Board of Directors (Board) approved the proposed updates to Mesa Water District's (Mesa Water®) Policy Positions and Policy Platforms, with modifications.

BACKGROUND

Mesa Water's Board regularly reviews the District's Policy Platforms and Policy Positions which are updated annually or as needed to respond to evolving legislative, legal, regulatory, fiscal, operational and public policy conditions. The Board last approved Mesa Water's Policy Positions and Policy Platforms on February 12, 2025.

For 2026, staff consolidated the (previously separate) 2025 Policy Platforms and 2025 Policy Positions into one cohesive and concise document to eliminate redundancies, improve usability, increase clarity and consistency, and ensure effective advocacy engagement with policymakers. Mesa Water's 2026 Policy Platforms and Positions is designed to align with and contribute to the District's vision, mission and strategic plan goals.

DISCUSSION

Mesa Water's Policy Platforms and Positions document establishes Board-approved policy principles that guide the District's advocacy staff and consultants' engagement -- at the local, regional, state and federal levels -- on legislative, regulatory and administrative matters relevant to water agencies, local governance and public utilities.



The purpose of Mesa Water's Policy Platforms and Positions is to serve as the foundation for the District's advocacy efforts and guide staff and consultants in identifying, evaluating, monitoring, prioritizing and acting upon policy proposals that may impact Mesa Water's authority, financial stability, governance, operational flexibility and ability to economically, effectively and safely provide water services to its customers and community in an environmentally-sensitive manner. Additionally, Mesa Water's Policy Platforms and Positions are relied upon to develop opportunities for beneficially influencing water/government/utility industry policy decisions, and to assist advocacy staff and consultants in supporting, opposing or seeking amendments to legislative and regulatory proposals that may affect Mesa Water's and, as a result, its constituents' interests. Mesa Water's Policy Platforms and Positions allow for timely engagement on policy items relevant to the District including, but not necessarily limited to, the following topics:

- Development of diversified and drought-resilient water supplies -- including desalination, potable reuse, recycling, storage, etc. -- to ensure high-quality, local, reliable water supplies;
- Headwaters and forest health protection, and related strategies for wildfire resilience;
- Local governance authority, accountability and transparency matters;
- Water infrastructure fiscal policies and funding, including financing mechanisms and state and federal grant programs;
- Water quality standards, regulatory mandates and treatment requirements, as well as their implementation feasibility; and,
- Water rate-setting authority, affordability programs and water use efficiency requirements.

Through strategic collaboration, communication and coordination with regional partners, and industry associations and coalitions, Mesa Water leverages its Policy Platforms and Positions to build consensus for pragmatic, legally sound and economically sustainable water policies that support water supply reliability, regulatory feasibility and ratepayer fairness for the benefit of the District's customers and the broader community.

In 2026, Mesa Water's advocacy will focus on the following policy priorities:

1. Uphold Proposition 218 (Prop. 218) and related constitutional protections to ensure fair water rates and to defend local rate-setting authority;
2. Support voluntary, locally-controlled and -administered, Prop. 218-compliant low-income water rates assistance programs;
3. Advance recognition of the "full, true cost of water" concept in policy discussions addressing water affordability, conservation and water use efficiency, and water rates structures;
4. Promote a water (and energy) abundance policy framework -- as opposed to a scarcity-based approach -- with strategies that prioritize supply development and system sustainability for climate adaptation, drought response and natural resource resilience;
5. Encourage robust and continually-appropriated funding for water infrastructure and supply projects, including expanded investments in -- and streamlined permitting for -- desalination; and



6. Ensure that the *Making Conservation a California Way of Life* regulation implementation allows for the maximum indoor water use variance in recognition of North and Central Orange County's potable reuse investments, as well as its water use efficiency achievements.

Policy proposals with complex or significant fiscal, legal, operational or governance implications will come to the Board for policy direction prior to Mesa Water taking a formal advocacy position.

FINANCIAL IMPACT

None.

ATTACHMENTS

Attachment A: Draft Mesa Water 2026 Policy Platforms & Positions

Attachment B: 2025 Mesa Water Policy Platforms

Attachment C: 2025 Mesa Water Policy Positions

Water Rates & Fees, Water Affordability

- Support local rate-setting authority and cost-based water rates compliant with California's Constitution, including Articles X, XIII C (Proposition 26) and XIII D (Proposition 218)
- Support the "2/3 vote" needed from the legislature and voters to approve new levies; oppose "Split Roll" changes to Proposition 13
- Support water rates proportionality, rate/taxpayer protections, transparent rate-setting
- Support rates that provide a strong price signal for water use efficiency and conservation
- Support the "Expenditures Per Capita" metric -- which accounts for the full, true cost of water -- as superior to comparing water rates alone for measuring water affordability
- Support voluntary, locally administered or externally funded water rate assistance programs; oppose a state tax on water bills and one-size-fits-all affordability mandates

Water Abundance: Infrastructure Investment & Supply Development

- Support seawater and brackish desalination in California and more favorable permitting conditions for desal projects, as well as grant funding for such, especially for the Local SIP
- Support statewide water infrastructure improvements, investments and the development of cost-effective, environmentally-sensitive sources of water, and efforts to expedite and streamline the permitting for such
- Support the "Beneficiaries Pay" principle for funding water supply projects, including water banking/storage and exchange/transfer programs, with full cost recovery at a minimum
- Support grant funding for special districts' water projects, prioritized primarily to local and regional benefits, and secondarily to statewide and Lower Basin State benefits; oppose efforts to design grant funding opportunities to favor any specific water rate structure
- Support efforts by the Metropolitan Water District of Southern California (MET) to ensure that the CA Delta and CO River systems remain reliable water sources for the region

Water Quality, Infrastructure & Source Protection

- Support tap water standards and treatment mandates that are science-based, technically practical, and economically feasible based on a consistent, objective cost/benefit analysis
- Support protections for public water systems from PFAS liability under CERCLA, and application of the "Polluter Pays" principle
- Support efforts to safeguard water sources and secure water infrastructure from threats, including cybersecurity, fleet flexibility, fuel/power availability and supply chain reliability
- Support penalties for water theft and for actions that harm water infrastructure or supplies
- Support wildfire risk mitigation for California's headwaters and forests, as well as wildfire risk reduction for public water agencies in or near a Wildland Urban Interface

2026 Policy Platforms & Positions

Updated: January 28, 2026

Groundwater: Management of the Orange County Groundwater Basin (Basin)

- Support the Orange County Water District (OCWD) groundwater quality protection programs and Basin management programs; support OCWD's financial strength
- Support raising and stabilizing the Basin Pumping Percentage (BPP), with a minimum of 80%, and a long-term target of 100%
- Support OCWD keeping the Basin full through Groundwater Replenishment System (GWRS) production, stormwater capture and wastewater reliability
- Support annexations into OCWD that are financially neutral; oppose Basin adjudication

Governance: Fiscal Stewardship, Local Control, Transparency & Accountability

- Support protection of special district revenue sources and reserves to ensure financial stability and strength, operational sustainability, and perpetual infrastructure investment
- Support recognition of special districts in federal law for grant funding equity, and support special districts' access to financing and investment opportunities; oppose limits on public water agencies' capacity, connection and development impact fees
- Support local control, representative governance and current Local Agency Formation Commission (LAFCO) protest thresholds; oppose cumulative or ranked-choice voting mandates for special districts
- Oppose the encroachment of Mesa Water District (Mesa Water®) easements, rights-of-way and property without negotiation, agreed upon compensation, and advance approval at Mesa Water's sole discretion
- Support balanced public records, ADA accessibility, open meeting requirements, and remote meeting flexibility and government transparency without unfunded mandates; oppose unfunded mandates that delay or impair essential public utility operations

Water Use Efficiency & Conservation

- Support indoor, irrigation, commercial, industrial and institutional water use that is both efficient and sufficient for protecting public health, landscapes and economic vitality
- Support water use efficiency requirements that recognize local conditions, investments and drought-resilient supplies; oppose water conservation mandates that strand assets, and oppose one-size-fits-all water conservation regulations
- Support tax exemptions for water conservation rebates

Water Education, Workforce Development & Regional Collaboration

- Support grant funding for water outreach and education programs -- such as the Mesa Water Education Center (MVEC) -- that provide academic, community, economic and workforce development benefits
- Support increased influence at MET, including coordination of the entire Orange County MET delegation, and increased allocations of Municipal Water District of Orange County (MWDOC) resources for engagement at MET



2025 Policy Platforms

February 12, 2025

Federal

The 119th Congress convened at noon on January 3, 2025. As the nation enters a transition period for the federal government, the House of Representatives and the United States Senate may continue to suffer from a period of legislative gridlock due to tight majorities in both chambers.

The Executive Branch will be industrious in 2025, though it is somewhat unclear what path the Administration will take regarding water policy. Certainly, the Administration will once again have to implement a new "Waters of the United States" (WOTUS) rulemaking that closely aligns with Justice Alito's opinion in the [Sackett v. EPA](#) decision. The Administration will also have to determine if it will follow the previous Administration's "[PFAS Roadmap](#)" or undertake a new rulemaking, similar to its outlook for the Lead and Copper Rule Improvements (LCRI).

Also uncertain is how the new Administration will maintain or restrain other additional rulemakings and Notices of Funding Opportunities (NOFOs) through 2025. While there are no expected large-scale efforts in Congress at reforming the nation's water policy laws, nor at creating new water programs in statute, there are other priorities -- such as reforming many federal permitting programs -- that may be of benefit to Mesa Water District (Mesa Water®) in accelerating its capital improvements. The legislative gains from the 117th Congress -- like those included in the Infrastructure Investment and Jobs Act (IIJA) and the Inflation Reduction Act (IRA) -- are largely complete, and Congress will continue rigorous oversight on the execution of these investments.

While the IIJA and IRA included opportunities for municipal water utilities, these programs are coming to their conclusion. Also, through its advisory committee, the Department of Government Efficiency, the new Administration has signaled its intention to identify up to \$2 trillion in savings, and all discretionary programs -- including those of benefit to Mesa Water -- will face increased scrutiny in the next two to four years.

Lastly of note is the overturning of more than 40 years of case law related to the *Chevron* doctrine as held by the Supreme Court in its decision in [Loper Bright Enterprises v. Raimondo](#). For decades, courts have shown deference to federal agency rulemakings and interpretations when provided with otherwise ambiguous laws from Congress. With the overturning of the *Chevron* doctrine, lower courts have been instructed to no longer provide the federal agencies with this level of deference. This will curtail ample rulemaking authority of federal agencies, force courts to revisit a series of previous rulemakings, and demand that Congress provide more clarity when instructing agencies to fulfill laws.

State

Calendar Year 2025 marks the first year of California's two-year (2025 and 2026) legislative

session, with the state legislature having reconvened on January 6, 2025. California's water-related legislation and regulations will continue to focus on several priority issues: water affordability and the ever-present possibility of Proposition 218 (Prop. 218) reform; continued investments in climate adaptation, drought response and water resilience, wildfire and forest resilience, and zero-emission vehicles acceleration; and, implementing the newly-adopted water conservation and water use efficiency regulation.

Additionally, in reaction to the recent catastrophic Southern California fires, all branches of state government will be more focused on improving wildfire prevention, protection, and recovery, including forest management, headwaters protection, water infrastructure investments, and related policy issues.

For 2025, some legislative proposals and policy discussions from prior years are anticipated to return, including legislation and regulations that could significantly impact Mesa Water, such as:

- climate adaptation, drought resilience, and related issues (e.g., electrification, energy policies, public safety power shutoffs), including implementation of Proposition 4 (which passed on the November 2024 general election ballot) whereby the state legislature and administration will use the state budget process to propose a spending plan for the authorized \$10 billion;
- headwaters and wildfire prevention, protection and recovery, forest management, and related policy issues (as mentioned previously);
- water affordability related to California's Human Right to Water and the Safe and Affordable Drinking Water Fund (respectively, [AB 685](#) and [SB 200](#)), and Low-Income Rate Assistance (LIRA) programs, also called "lifeline rates" ([AB 401](#)), for residential water customers, as well as the ongoing implementation of the Water Shutoff Protection Act ([SB 998](#));
- affordable housing proposals related to surplus property, CEQA streamlining, and Accessory Dwelling Units, including legislative attempts (as in prior years) to change public agencies' authority to charge impact fees for new housing developments;
- water quality, PFAS, and other Constituents of Emerging Concern (CECs);
- governance, open meetings, and transparency;
- water use efficiency/conservation "clean-up" proposals, including those related to the indoor water use reduction standards of [SB 1157](#) (passed in 2022 and authored by former Senator Hertzberg-D, Van Nuys) resulting from indoor water use studies;
- water district consolidation efforts as considered/continued by the State Water Resources Control Board (SWRCB);
- the Colorado River and California Delta (e.g., Bay-Delta Water Quality Control Plan, Delta Conveyance Project, Endangered Species Act, Healthy Rivers and Landscapes); and,
- California's water rights system could potentially be further amended.



As policy discussions are now underway in 2025, the above issues will be the primary areas of legislative and regulatory focus.

On the air quality front, the administration and regulators finalized (in 2023) CA's [Advanced Clean Fleets \(ACF\) Rule](#) requiring 50% of new medium- and heavy-duty vehicle fleet purchases by public agencies to be zero-emission starting this year, increasing to 100% in 2027.

As a reminder, in 2020, Governor Newsom issued two climate-related Executive Orders to require: 1) by 2035, that all new cars and passenger trucks sold in California are Zero-Emission Vehicles ([N-79-20](#)); and, 2) by 2030, the conservation of 30% of the state's land and coastal waters ([N-82-20](#)). These state efforts could be augmented by federal funding opportunities, including approximately \$1 billion that was included in the IRA for Clean Heavy-Duty Vehicles through the Environmental Protection Agency to provide grants, rebates, and contract support to replace heavy duty vehicles with zero-emission alternatives.

Lastly, Mesa Water will continue to engage with various agencies and associations that the district is affiliated with (e.g., ACWA, AWWA, CalDesal, CMUA, CSDA, CWSA, MWDOC/MWD, OCWD, OC Tax, SCWC, WaterReuse) to advocate on policy issues including, but not necessarily limited to: 1) upholding local control and ratemaking authority; 2) promoting the "true, full cost of water" concept; 3) supporting desalination; and, 4) protecting the principles contained in Prop. 218 (Articles XIII C and XIII D of California's Constitution). In 2025, Mesa Water advocacy staff and consultants will remain focused on these four policy priorities and on government funding opportunities. Listed below, for the Board's consideration, are the proposed policy platforms regarding anticipated high-priority public policy issues in 2025 that could have major consequences for Mesa Water:

- **Water Rates** – Mesa Water supports local rate-setting authority with rate structures, set by publicly-elected boards and councils, that best serve customers and comply with the law. Furthermore, Mesa Water supports cost-based water rates that:
 - o represent the true, full cost of water services, including operational costs and infrastructure funding to ensure water system sustainability in perpetuity; and,
 - o harmonize the concepts of conservation and legality, with rates that provide a strong price signal for ratepayers to conserve while also complying with legal mandates (e.g., Article X of the California Constitution; SB 606 and AB 1668; and, Propositions 13, 26, and 218).
- **Proposition 13** – Mesa Water supports Article XIII A of the California Constitution (Prop. 13) and the taxpayer protections it provides as passed in 1978, and Mesa Water opposes a "Split Roll" that would remove some of the protections of Prop. 13 from nonresidential properties to raise taxes on them.
- **Proposition 218** – Mesa Water supports Article XIII C and D of the California Constitution regarding government service assessments, fees, rates and taxes, specifically:
 - o the "2/3 vote" required from the legislature and voters for approval of new levies;

- o the “special benefit and proportionality requirements” provision, which directly connects the special benefits received with reasonable proportionate costs, and ensures that assessments imposed for property-related (water) services must not exceed the proportional cost of the services attributable to the parcel; and,
 - o transparent rate-setting procedures that protect consumers from potential government overcharge by providing sufficient opportunities for consumer participation and the ability for consumers to protest illegal rates.
- **Water Rate Assistance Programs** – Mesa Water supports localized “lifeline rates” or federal/state-funded LIRA programs that comply with Prop. 218 of the California Constitution and are funded either voluntarily or via non-restricted/non-water-rates revenues. Mesa Water opposes a state tax on local water customer bills.
- **Orange County Groundwater Basin** – Mesa Water opposes any potential streamlined process for adjudicating groundwater basins, including the Orange County groundwater basin, managed by the Orange County Water District (OCWD).
- **Water Bonds Funding (Propositions 1 and 4)** – Mesa Water supports funding from the November 2014 and November 2024 water bonds for projects that provide benefits prioritized by: 1) Mesa Water’s service area, 2) OCWD’s service area, 3) MWD’s service area, 4) MWD’s service area, 5) the State Water Contractors, and 6) California as a Lower Basin State user of Colorado River Water.
- **Water Desalination** – Mesa Water supports CalDesal in its desalination advocacy -- including engagement with the state of California’s Ocean Plan Amendment process to enable more favorable permitting conditions for water desalination projects -- as well as the local, regional, and statewide development of cost-effective and environmentally-sensitive brackish groundwater and seawater desalination projects to enhance the availability and reliability of water supply sources, and improve water supply reliability for Orange County, Southern California, statewide, and the West. Mesa Water also supports funding opportunities for these efforts, especially for the district’s Local groundwater Supply Improvement Project (Local SIP).
- **Water Conservation/Water Use Efficiency** – Mesa Water supports accounting for water resource and supply investments -- such as desalination, potable reuse, and water recycling -- as part of implementing the state’s “Making Conservation a California Way of Life” regulation. Mesa Water supports compliance flexibility and local control; maximum credit for drought-resilient supplies, deference to local discretion regarding variances for potable reuse water; and, regulatory water use and water loss target-setting that is based on local administration and enforcement, as specified in the regulation. Mesa Water also supports the continued streamlining of water reporting data as part of the implementation of, and compliance with, the regulations.
- **Water Recycling** – Mesa Water supports OCWD and WaterReuse in its efforts to advance potable reuse investment, and favorable legislation and regulations. Mesa Water supports

the “Beneficiaries Pay” principle for the development and implementation of new recycled water projects including stormwater capture.

- **Water Quality and Economic Feasibility** – Mesa Water supports efforts by the Association of California Water Agencies (ACWA) and other water industry associations/organizations to protect public health by using a full impact analysis that includes the best available scientific data, public input, and cost/benefit analyses to inform the development of reasonable and fiscally-responsible water quality standards legislation and regulations -- for current and future constituents of concern (e.g., microplastics, PFAS) -- which consider technical and economic feasibility of the standards and treatments to ensure clean, safe drinking water. Mesa Water also supports efforts by the Community Water Systems Alliance (CWSA) to require the SWRCB to define a consistent, objective method for determining the “economic feasibility” of a drinking water regulation. Additionally, Mesa Water believes that the inclusion of certain constituents (like PFAS) as designated under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA or “Superfund”) should be subject to public notice and comment under a formal rulemaking process and carefully considered by federal agencies, especially regarding clean-up costs and funding programs to assist such.
- **Water Storage, Banking and Exchange/Transfer Programs** – Mesa Water supports the “Beneficiaries Pay” principle for water storage/banking and exchange/transfer programs if they are market-based, ensure full cost recovery at a minimum, and account for water loss.
- **Affordable Housing** – Mesa Water supports the advocacy efforts of the California Special Districts Association (CSDA) and other industry associations/organizations on policies related to Accessory Dwelling Units (ADUs), CEQA streamlining, development impact fees (e.g., capacity charges, connection fees), metering/sub-metering, surplus property, and other proposed affordable housing solutions provided that they protect water utilities’ ability to provide reliable residential water services that are appropriately priced and right-sized for public health and safety.
- **Local Government** – Mesa Water supports the efforts of CSDA and other industry associations/organizations to ensure local control and representation, efficient and transparent delivery of government services, and appropriate reserve funds levels. Mesa Water also supports CSDA’s sponsored legislation -- related to open meetings and the Brown Act -- allowing remote meeting flexibility, and the annual *Special Districts Week*.
- **Local Agency Formation Commission (LAFCO)** – Mesa Water supports the existing protest thresholds for LAFCO-initiated reorganizations, per the Cortese-Knox-Hertzberg (CKH) Act, and opposes changes that would make it more difficult for citizens to protest a LAFCO-initiated reorganization. Additionally, Mesa Water opposes any changes to the CKH Act that would weaken local control and representation and/or broaden the mission, powers, and scope of LAFCOs without providing any added public benefit.
- **Special Districts Voting Methods** – Mesa Water supports exempting special districts

from Cumulative Voting and Ranked Choice Voting methods and opposes attempts to make these methods an option or a mandate for special districts elections.

- **Delta Solutions** – Mesa Water supports the efforts of ACWA, Municipal Water District of Orange County (MWDOC), Metropolitan Water District of Southern California (MWD), and Southern California Water Coalition (SCWC) to achieve a long-term solution for the Bay Delta that includes functional flows per the “Healthy Rivers and Landscapes” proposal for optimal statewide water supply reliability, sustainability, and quality, and for Delta ecosystem health and restoration for the public benefit. Mesa Water supports the “Beneficiaries Pay” principle for funding the Delta Solution (now called the “Delta Conveyance Project”).
- **California Headwaters and Forest Management** – Mesa Water supports the efforts of ACWA and other water industry coalitions to promote policies that enhance the pace and scale of California headwaters protection, forest management, and wildfires prevention -- including improved planning, coordination, and implementation -- and increase funding, research, and resources to: 1) protect water supply and quality, 2) bring forest management practices in line with modern challenges, and 3) implement pre-hazard mitigation measures.
- **Climate Adaptation/Resilience Bond (Prop. 4) Implementation** – Mesa Water supports the efforts of ACWA and other water industry associations/organizations in engaging with California policymakers to ensure appropriate prioritization of the \$10 billion in added funding from Prop. 4 for water infrastructure projects, such as: brackish water desalination and salinity management projects, groundwater projects, water recycling/reuse projects, and water quality and supply projects.
- **Essential Public Utilities** – Mesa Water supports the concept of exempting Essential Public Utilities -- such as water and wastewater service providers -- from future legislation, administrative actions, and regulations that add costs or time delays to a utility’s work by mandating new, unfunded operational practices.
- **Federal Drought Legislation and Water Infrastructure Funding** – Mesa Water supports the efforts of ACWA, the National Special Districts Association (NSDA), and other water industry associations/organizations in collaborating with the California Congressional delegation and other decision-makers to develop bicameral, bipartisan federal drought legislation and investments in California’s water infrastructure. Mesa Water also supports NSDA’s efforts to define special districts in Federal law.
- **Cannabis Growers’ Negative Water Impacts** – Mesa Water supports legislation and/or regulations that penalize cannabis growers’ water theft and/or actions that harm water supplies, sources, and the environment.
- **ACWA’s Federal Water Policy Priorities** – Mesa Water supports ACWA’s Federal water policy priorities related to: 1) water infrastructure funding, 2) West-Wide Drought Legislation, 3) tax exemptions for water conservation rebates, and 4) regulations related to: a) CECs and PFAS, b) Lead Copper Rule Revisions/Improvements (LCRR/LCRI), c) public

water systems' cybersecurity (and funding for such), and d) potential PVC pipe rulemakings under the Toxic Substances Control Act (TSCA).

- **CMUA's State Water Policy Priorities** – Mesa Water supports CMUA's state water policy priorities related to advocating for: 1) permissive LIRA programs that comply with Prop. 218 and that can be effectively implemented and efficiently administrated, 2) stronger penalties for tampering with/theft of water infrastructure and to deter water theft, and 3) Statewide Water Solutions legislation -- in partnership with the California Water for All coalition -- to create long-term targets for increasing water supplies for beneficial use throughout California, along with an implementable plan to achieve such targets.
- **Electric Grid Reliability** – Mesa Water supports: 1) energy investments, legislation, and/or regulations that enhance the reliability and/or security of the electrical grid to provide a stable and consistent source of electricity for water operations, 2) variances that allow fossil fuel generator maintenance, testing, and use for water operations during emergencies and/or electric power disruptions, and 3) incentives to offset the costs of water industry compliance with renewable energy and zero-emission vehicle mandates. Mesa Water also supports CSDA's and its coalition's proposal for ACF compliance relief, and exemptions/variances for emergency operations, for California's public utilities.
- **MWD's Regional Reliability Focus** – Mesa Water supports collaborating with MWD and its member/sub-member agencies to advance regional water supply reliability throughout Southern California, including MWD's Climate Adaptation Master Plan for Water (CAMP4W) process -- particularly in support of the CAMP4W goals of water reliability, resiliency, affordability, and sustainability -- and MWD's efforts to ensure that the Colorado River system remains a reliable water supply resource for Southern California.
- **OCWD's PFAS Cleanup** – Mesa Water supports OCWD's efforts to ensure that public water systems are not responsible for current/future PFAS cleanup costs by: 1) securing PFAS cleanup funding, 2) protecting public water systems that comply with applicable/appropriate management and treatment standards from liability under CERCLA, and 3) upholding the "polluter pays" principle in CERCLA.
- **Water Projects Permitting** – Mesa Water supports CEQA streamlining to expedite the permitting process for water infrastructure projects.
- **Water Rights** – Mesa Water supports the water industry's interest in: 1) protecting the existing water rights priority system, and 2) potentially "modernizing" the administration of existing water rights priority system in collaboration with water associations and water industry coalitions.
- **Third Party Liability Protection** – Mesa Water supports the CWSA coalition's proposal to protect public water agencies from third party litigation while the water agency is working diligently to implement a federal- or state-approved plan to comply with a water quality regulation (such as Chromium-6). Also, for regulations undergoing compliance clarification, Mesa Water supports enforcement delays or exemptions.



Policy Positions

Updated: February 12, 2025

Mesa Water District (Mesa Water®) supports:

1. Groundwater Quality Protection
 - a. Support the Orange County Water District (OCWD) groundwater quality protection programs
 - i. Basin Equity Assessment (BEA) Exemption Program for Impaired Groundwater (including the Mesa Water Reliability Facility)
 - ii. The MTBE, North Basin, and South Basin groundwater protection projects
 - iii. The Tustin and Irvine desalters
 - b. Encourage OCWD to protect the Orange County Groundwater Water Basin (Basin) from chlorides caused by seawater intrusion
 - i. Encourage OCWD to set a goal of maintaining protective elevations along the coast
 - ii. Encourage OCWD to hold semi-annual barrier meetings with Coastal Agencies (Huntington Beach, Mesa Water, and Seal Beach)
 - iii. Encourage semi-annual reporting on the barrier
 - c. Collaborate with OCWD in advocating for funding and treatment of Constituents of Emerging Concern (CECs) such as PFAS
2. Policies that raise and stabilize the Basin Pumping Percentage (BPP)
 - a. Support OCWD setting a target BPP that they intend to consistently meet
 - b. Support new water supply projects that help the Basin achieve this goal
 - c. Support OCWD adopting a water supply policy that sets a goal of developing water supply and recharge capabilities for the Basin, including purchasing replenishment water and other actions that result in a reliable and predictable source of groundwater at a BPP of not less than 80 percent. A goal of this policy is to accomplish this with a cost-neutral, or better, impact on OCWD's Groundwater Producers when the avoided cost of purchasing imported water is considered
3. Policies that keep the Basin full
 - a. Support OCWD adhering to the BPP-setting formula
 - b. Support maximum production at the Groundwater Replenishment System (GWRS) to ensure a cost-effective, high-quality, environmentally friendly, and sustainable local water supply that benefits all OCWD Groundwater Producers and that increases the region's current and future water reliability
 - c. Support maximum wastewater flows treatable by the GWRS to the Orange County Sanitation District (OCSD) -- and support OCSD/OCWD's permanent acquisition of such wastewater flows -- to ensure source reliability for the GWRS
 - d. Support stormwater capture projects that are cost-effective (e.g., equivalent to or less than GWRS costs) and that contribute source water to the Basin Principal Aquifer

4. Basin Storage/Banking and Exchange/Transfer Programs that are market-based with the primary benefits accruing to OCWD, its Groundwater Producers, and the ratepayers they serve, with such Programs applying the “Beneficiaries Pay” principle and addressing issues including, but not limited to:
 - a. Full cost recovery, at a minimum, of a proportional share of the historic and future capital investments as well as operations and maintenance costs incurred by OCWD to manage the Basin
 - b. Full cost recovery, at a minimum, of the proportional value that entry into the Basin affords, including the value of reliability (and thus loss of reliability to OCWD’s Groundwater Producers through the loss of available storage capacity) and the value of treatment
 - c. Accounting for water loss in a current or future year (both lost out of the Basin and lost due to inability to spread or extract)
 - d. Consideration that the above is merely a “break even” deal, and any program should bring significant benefits in excess of the above to OCWD and its Groundwater Producers
 - e. Deferring entering into any agreements if an OCWD Groundwater Producer has an active lawsuit against OCWD
 - f. Deferring entering into any agreements until the Metropolitan Water District of Southern California Conjunctive Use Program has been terminated
 - g. Limiting any potential future storage/banking agreements to programs that are compliant with OCWD Act Section 2.1.c
 - h. Maximizing the beneficial use of the Basin while maximizing the BPP for OCWD’s Groundwater Producers
5. Annexations into OCWD that are financially neutral
6. Policies that ensure a financially strong OCWD, including practices that maintain OCWD’s current AAA credit rating from two of the three credit rating agencies
7. The potential merger of the Municipal Water District of Orange County (MWDOC) and OCWD if the merger:
 - a. is mutually agreed upon by both MWDOC and OCWD, with any governance change supported by MWDOC’s and OCWD’s Boards of Directors
 - b. encourages MWDOC and OCWD exploring mutual areas of efficiency that results in economic savings for the members of both agencies
 - c. improves or, at a minimum, preserves the quality, reliability, and sustainability of wholesale water services to the members of both agencies
 - d. preserves the interests of OCWD’s existing Groundwater Producers and protects those interests from diminished groundwater resources or supplies
 - e. supports MWDOC’s current geographic boundaries, and preserves the existing boundaries of the Basin for pumping and storage purposes
 - f. supports MWDOC’s current mission, and allows the Basin to remain unadjudicated

- g. respects the “one person one vote” principle if the new Board of Directors is a wholly elected board
 - h. is facilitated openly and transparently
 - i. increases the effectiveness of Orange County’s representation at MWD, with a coordinated and unified voice representing Orange County
- 8. Increased influence at Metropolitan Water District of Southern California (MWD)
 - a. Support increased allocations of MWDOC resources for engagement at MWD
 - b. Support coordination of the entire Orange County MWD delegation
- 9. MWDOC’s priority initiatives at MWD
 - a. Protect Mesa Water’s service area from any cost shifts as a result of any lawsuits impacting MWD
 - b. Encourage continued efforts for improving the Delta
 - c. Seek opportunities for MWD to provide assistance, funding, and/or partnership with MWDOC on developing and supporting seawater and brackish groundwater desalination in Orange County, including support for Mesa Water’s Local groundwater Supply Improvement Project (Local SIP)
 - d. Support MWD’s incentive programs to encourage and help fund local/regional development of new water supplies, as well as water use efficiency and related outreach and education programs, such as the Mesa Water Education Center, which benefit the communities and customers served by MWD member agencies and sub-member agencies
- 10. Close working relationships with MWDOC on local and regional issues and programs for which the organization is advocating at MWD
- 11. The current Mesa Water Strategic Plan, including the District’s goals to:
 - a. Provide an abundant, local, reliable and safe water supply
 - b. Perpetually renew and improve our infrastructure
 - c. Be financially responsible and transparent
 - d. Increase favorable opinion of Mesa Water
 - e. Attract, develop and retain skilled employees
 - f. Provide excellent customer service
 - g. Actively participate in regional and statewide water issues
- 12. Government Transparency and Accountability
 - a. Support policies that balance the benefits and costs of new mandates regarding accessibility to public meetings and public agency websites, including compliance with the American Disabilities Act as well as with any future mandates related to website (and email) domain extensions
 - b. Support policies that provide access to public information, including California Public Records Act (CPRA) requirements that:

- i. Are clearly defined and feasible to implement without adding overly burdensome and costly processes (preserving the “balancing test”)
 - ii. Do not place new limits on the filing of reverse-CPRA lawsuits
 - iii. Exclude documents maintained by private contractors and vendors relating to their work for public agencies
 - iv. Preserve the “attorney-client,” “deliberative process,” “executive,” and “official information” privileges, as well as the “attorney work product doctrine” for records
 - v. Allow the public agency to recover full costs of CPRA requests
- 13. The Orange County Local Agency Formation Commission (OC LAFCO) as more of a facilitator than an initiator of actions
- 14. The development of cost-effective and environmentally sensitive sources of water, including storage, potable reuse, recycling, groundwater clean-up, stormwater capture, conjunctive use, conservation, conveyance, and desalination
- 15. CalDesal's mission and its efforts to advocate for funding for brackish and seawater desalination, including engagement with the state of California's Ocean Plan Amendment process to enable more favorable permitting conditions for water desalination projects
- 16. The co-equal goals of improved water supply reliability and Delta ecosystem health
- 17. Policies that protect local revenue sources and uses for special districts -- including through ratemaking authority, property tax, and the ability to fund and maintain appropriate reserves -- as well as policies that ensure special districts have equitable access, as compared to other service providers, to government funding to support building and maintaining water infrastructure
- 18. Water rates, fees, and other service or use charges based on true costs in conformance with Proposition 218, and tax-free revenue
- 19. The “Expenditures Per Capita” metric as being more accessible and equitable, as well as being a simpler and superior method -- versus comparing water rates alone -- for measuring the full, true cost and “affordability” of a public water system's services to its community
- 20. Policies that encourage economical and practical water efficiency for indoor water use, irrigation water use, and commercial and industrial water use, without stranding investments in potable reuse systems, including:
 - a. Indoor water use efficiency at the level needed for community health and safety -- as substantiated by fact-based analyses that are credible, replicable, and verifiable -- and that protects local investments in potable reuse systems
 - b. Irrigation water use efficiency at the level necessary for productive crops, attractive landscapes, tree health, fire protection, heat island prevention, recreation, and property value preservation
 - c. Commercial and industrial water use efficiency at a level that sustains economic vitality

21. Policies that recognize existing local water source development, and that incentivize potential future investments in local water source development, for bonus incentives/credits/variances within conservation mandates
22. Policies and practices that safeguard and secure critical public utility infrastructure and operations from threats including, but not necessarily limited to, the following: cyberthreats, data breaches, electric power interruptions/outages (PSPS), fleet electrification mandates that could delay or disable public utilities' services, fossil fuel generator restrictions that disallow emergency use and maintenance/testing for such, natural disasters, ransomware attacks, supply chain attacks, terrorism, theft of water, and theft of municipal metal infrastructure, such as fire hydrants, manhole covers, and backflow devices
23. The equitable treatment of OCWD -- and its programs and projects -- by the Santa Ana Watershed Project Authority (SAWPA) with respect to grants funding and related considerations as part of SAWPA's Integrated Regional Water Management (IRWM) planning and One Water One Watershed (OWOW) program
24. Local, regional, state, and federal efforts to: invest in California's aging water infrastructure, develop new water supply and water storage projects for California and expedite/streamline permitting for such, expand Forecast Informed Reservoir Operations (FIRO), and address wildfire risk (which threatens California's headwaters) via pre-fire mitigation efforts on government lands, nonprofit lands, and around utility corridors, especially in areas at higher risk of wildfire (such as the Wildland Urban Interface).

Mesa Water opposes:

1. The encroachment of Mesa Water easements, rights-of-way, and property without negotiation, agreed upon compensation, and advance approval at the sole discretion of the District
2. Administrative, legislative, and regulatory actions that mandate new, unfunded operational practices which add cost burdens or time delays to work conducted by essential public utilities
3. Policies that would limit essential services and infrastructure funding tools -- such as capacity fees, connection fees, and development impact fees -- which allow special districts to effectively plan and fund the long-term infrastructure needed to serve current and future residents
4. One-size-fits-all mandates regarding water use efficiency that ignore local IRWM plans or Urban Water Management Plans
5. One-size-fits-all mandates regarding Low Income Rates Assistance (LIRA) programs that duplicate or hinder local LIRA plans that effectively and efficiently provide water affordability assistance for residential ratepayers

REPORTS:

13. REPORT OF THE GENERAL MANAGER:
 - December Key Indicators Report

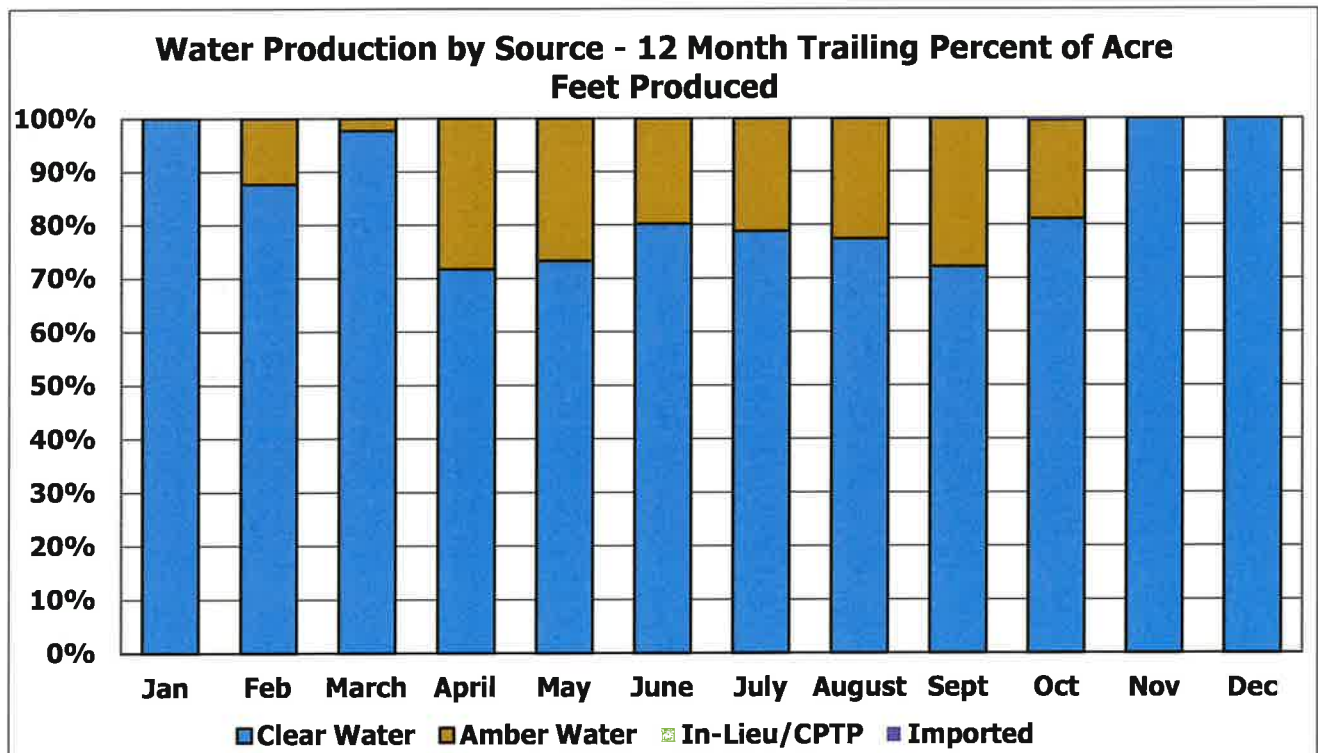
**Monthly Key Indicators Report
For the Month of December 2025**

Goal #1: Provide an abundant, local, reliable and safe water supply

FY 2025 Potable Production (Acre Feet)

Water Supply Source	FY 2025 YTD Actual (AF)	FY 2025 YTD Budget (AF)	FY 2025 Annual Budget (AF)
Clear Water	6,686	6,810	13,326
Amber Water (MWRF)	1,334	1,650	2,400
Imported	6	0	0
Basin Management Water	0	0	0
Total Production	8,025	8,460	15,726

YTD actual water production (AF) through December 31, 2025



**Monthly Key Indicators Report
For the Month of December 2025**

Goal #1: Provide an abundant, local, reliable and safe water supply

FY 2026 System Water Quality – This data reflects samples taken in December

Distribution System:	Average	Range	MCL
Chlorine Residual (mg/L) <i>Compliance</i>	1.87	0.19 - 2.74 Current RAA = 2.01	4 RAA
Coliform Positive % <i>Compliance</i>	0	ND	5
Temperature (° F)	72	69 - 75	None

Reservoir I & II:	Average	Range	MCL
Chlorine Residual (mg/L)	2.54	2.31 – 2.75	None
Monochloramine (mg/L)	2.54	2.29 – 2.75	None
Ammonia (mg/L)	0.56	0.51 – 0.68	None
Temperature (° F)	72	71 - 74	None

Wells (Treated):	Average	Range	MCL
Chlorine Residual (mg/L)	2.38	2.03 – 2.78	None
Monochloramine (mg/L)	2.39	2.05 – 2.85	None
Ammonia (mg/L)	0.52	0.42 – 0.72	None
Temperature (° F)	70	67 - 73	None

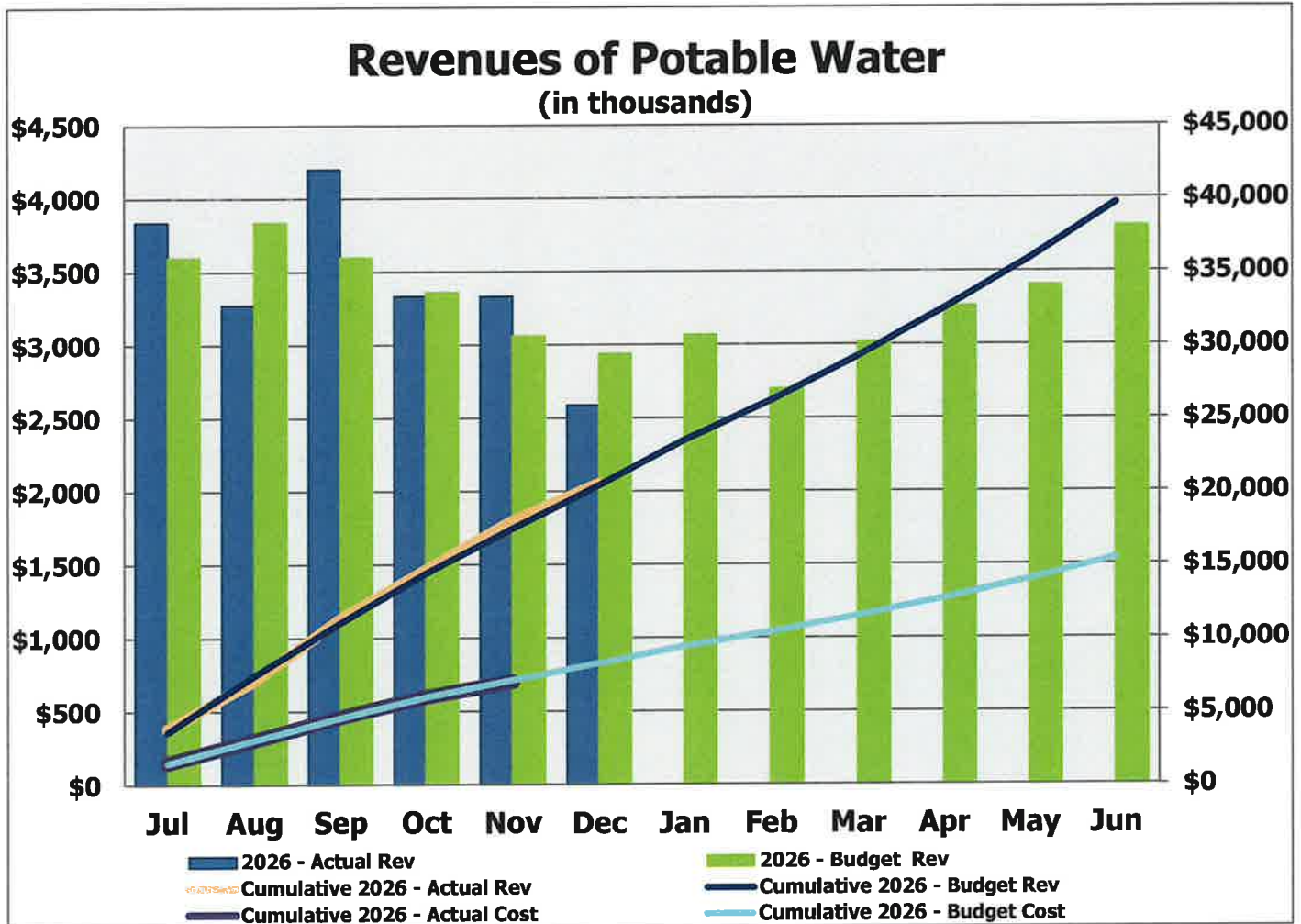
MWRF:	Average	Range	MCL
Chlorine Residual (mg/L)	Off	Off	None
Monochloramine (mg/L)	Off	Off	None
Ammonia (mg/L)	Off	Off	None
Temperature (° F)	Off	Off	None
Color (CU) <i>Compliance</i>	Off	Off	15
Odor (TON) <i>Compliance</i>	Off	Off	3

Water Quality Calls/Investigations:

Total Calls	3
Total Investigations (from calls)	1

**Monthly Key Indicators Report
For the Month of December 2025**

Goal #2: Perpetually renew and improve our infrastructure



	Actual	Budget	Favorable (Unfavorable)	
			Difference	%
Total YTD Revenue \$	20,553,518	20,395,904	157,614	0.77%

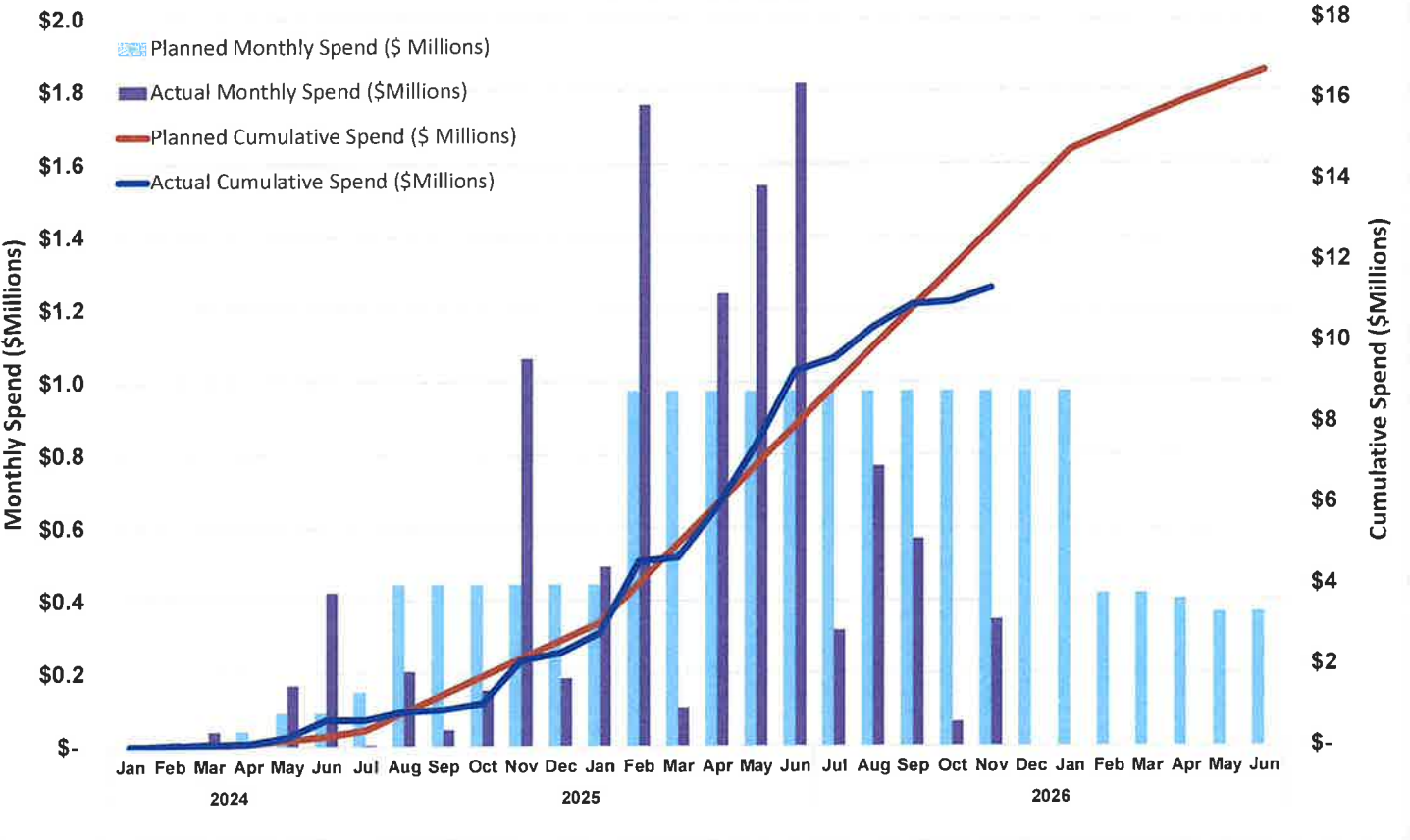
	Actual	Budget	UnFavorable (Favorable)	
			Difference	%
Total YTD Cost \$ *	7,010,716	7,133,378	(122,662)	(1.72%)

* YTD Cost is trailing YTD Revenue by one month due to the timing of when costs are available.

Monthly Key Indicators Report
For the Month of December 2025

Goal #3: Be financially responsible and transparent

Mesa Water Reservoirs 1 and 2 Pump Station Upgrades Project
FY 2024 - FY 2026



**Monthly Key Indicators Report
For the Month of December 2025**

Goal #4: Increase public awareness of Mesa Water

Web Site Information

Web Site Information	November 2025	December 2025
Visits to the web site	15,468	16,616
New visitors (First time to the site)	12,380	13,296
Average per day	515	536
Average visit length	50 seconds	41 seconds
Page visited most	Online Bill Pay	Online Bill Pay
Second most visited page	Human Resources	Human Resources
Third most visited page	Contact Us	Rates and Fees
Fourth most visited page	Rates and Fees	Contact Us
Fifth most visited page	Customer Service	Articles
Most downloaded file	Salary Table	12-10 Board Meeting Packet
Second most downloaded file	11-12-2025 Board Meeting Packet	Salary Table
Most active day of the week	Monday	Monday
Least active day of the week	Sunday	Wednesday

Total visits since July 1, 2002	2,118,921

Water Vending Machine Information

Vending Machine Location	Vend Measurement	September 2025 Vends	Totals Vends
Mesa Water Office	1 gallon	8850	826425

**Monthly Key Indicators Report
For the Month of December 2025**

Goal #5: Attract, develop and retain skilled employees

DEPARTMENT:	FY 2026			COMMENTS:
	BUDGET	FILLED	VACANT	
OFFICE OF THE GENERAL MANAGER:				
General Manager	1.00	1.00	0.00	
Subtotal	1.00	1.00	0.00	
BUSINESS MANAGEMENT:				
Business Manager	1.00	1.00	0.00	
Subtotal	1.00	1.00	0.00	
ADMINISTRATIVE SERVICES:				
Administrative Services	6.50	4.00	2.50	Department Assistant (.5) - <i>vacant; recruitment in process.</i> Administrative Services Manager - <i>vacant; future recruitment planned.</i> Board Secretary - <i>vacant; recruitment in process.</i>
Subtotal	6.50	4.00	2.50	
CUSTOMER SERVICES:				
Customer Service	3.00	3.00	0.00	
Subtotal	3.00	3.00	0.00	
ENGINEERING:				
Engineering	4.00	4.00	0.00	
Subtotal	4.00	4.00	0.00	
FINANCIAL SERVICES:				
Financial Reporting/ Purchasing	4.00	4.00	0.00	
Accounting	4.00	4.00	0.00	
Subtotal	8.00	8.00	0.00	
HUMAN RESOURCES:				
Human Resources	2.50	2.00	0.50	Department Assistant (.5) - <i>vacant; recruitment in process.</i>
Subtotal	2.50	2.00	0.50	
PUBLIC AFFAIRS:				
Outreach & Communications	3.50	3.50	0.00	Water Use Efficiency Specialist/Analyst - <i>vacant; future recruitment planned.</i>
Water Use Efficiency	1.00	0.00	1.00	
Subtotal	4.50	3.50	1.00	
WATER OPERATIONS:				
Supervision/Support	8.00	8.00	0.00	
Distribution	10.00	10.00	0.00	
Field Services	5.00	5.00	0.00	
Production	4.00	4.00	0.00	
Water Quality	2.00	2.00	0.00	
Subtotal	29.00	29.00	0.00	
WATER POLICY:				
Legislative & Governmental Affairs	1.50	1.50	0.00	
Subtotal	1.50	1.50	0.00	
* TOTAL BUDGETED POSITIONS:	61.00	57.00	4.00	

**Monthly Key Indicators Report
For the Month of December 2025**

Goal #6: Provide excellent customer service

Customer Calls

Call Type	FY 2026 YTD	December 2025	YTD Weekly Average
General Billing Question	698	111	23
Service Requests	617	96	20
High Bill	860	122	28
Payments	1031	132	35
Late Fee	1187	150	40
Account Maintenance	208	29	7
On-Line Bill Pay	921	140	30
Water Pressure	62	2	2
No Water	224	10	8
Conservation	18	2	1
Water Waste	7	2	0
Other (District info. other utility info. etc.)	1335	235	42
Rate Increase	0	0	0
Fluoridation	0	0	0
TOTAL CUSTOMER CALLS	7168	1031	236
AVERAGE ANSWER TIME (Seconds)	22	22	22

Online Bill Pay Customers

Customers Enrolled	FY 2026 YTD	December 2025	YTD Weekly Average
17226	992	144	38

REPORTS:

14. DIRECTORS' REPORTS AND COMMENTS



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Denise Khalifa, Chief Administrative Officer
DATE: January 28, 2026
SUBJECT: Senate Bill 707

RECOMMENDATION

This item is provided for information.

STRATEGIC PLAN

Goal #1: Provide an abundant, local, reliable and safe water supply.
Goal #2: Perpetually renew and improve our infrastructure.
Goal #3: Be financially responsible and transparent.
Goal #4: Increase public awareness of Mesa Water.
Goal #5: Attract, develop and retain skilled employees.
Goal #6: Provide excellent customer service.
Goal #7: Actively participate in regional and statewide water issues.
Goal #8: Practice continual business improvement.

PRIOR BOARD ACTION/DISCUSSION

None.

BACKGROUND

In 2025, the California Legislature adopted Senate Bill (SB) 707, which involved substantial revisions to the Ralph M. Brown Act impacting the way public meetings of local governmental bodies are conducted. With this amendment, California essentially established two tiers of public agencies, the "eligible legislative bodies" (ELBs) that are now subject to more substantial compliance obligations to ensure greater public participation; and other smaller legislative bodies that are subject to lesser new requirements.

DISCUSSION

Mesa Water District (Mesa Water®) is, under SB 707, subject only to the lesser requirements imposed on the smaller legislative bodies. ELBs generally consist of counties with a population of 30,000 or more; cities with a population of 30,000 or more or all cities within counties of a population of 600,000 or more; and larger special districts that either have (1) 1,000 full-time equivalent employees (FTEs) or (2) 200 FTEs and either jurisdiction boundaries that are contiguous with the entire county in which they are located or revenues of \$400 million or more per year (adjusted by CPI beginning in 2027). As Mesa Water does not fit into any of those ELB categories, its obligations under SB 707 are limited, though Board members should anticipate that they may see changes at meetings of the Orange County Board of Supervisors and the City of Costa Mesa, among others, given the population of the County of Orange.

With respect to Mesa Water, the primary impacts of SB 707 are:

- **Social Media Restrictions** - The social media restrictions imposed on Board members in 2020, which were originally set to expire in 2026, are now permanent. Board members are generally prohibited from interacting with other Board members (inclusive of reactions that include digital icons) on matters within the subject matter of Mesa Water;
- **Brown Act Copies** - All Board members are required to be provided a copy of the Brown Act;
- **Videoconferencing Modifications** - In addition to a substantial restructuring of the videoconferencing statutes that impact Board members during states of emergency, just cause circumstances, and when participating in certain multi-jurisdictional bodies (JPAs), the primary change is the statutory addition that any Board member with a temporary or permanent disability may videoconference without further limitations into Board meetings to the extent necessary to accommodate such disability.

Generally, such Board members will be required to participate via video and audio means, unless the disability prevents video attendance. Such participation may occur without the need for further compliance (or the posting of public links on the agenda), and Board members participating in such fashion shall be deemed for all purposes as if they are attending in-person (e.g., establishing quorum, etc.);

- **Website Posting** - The Brown Act now requires that the agendas for all meetings, including special meetings, be posted on the agency's website; and
- **Committee Options** - Following initial Board findings renewed every six months, certain advisory committees (i.e., citizen advisory committees) may permit their members to attend via videoconference, provided an in-person location with at least one Mesa Water staff member exists. Such allowance does not apply to any member of the committee that is a Board member.

Generally for the Board's information (though the Board may elect to impose any of these additional options upon itself if desired), with respect to ELB requirements, it may be anticipated that local city and county meetings largely beginning on July 1, 2026, will be seen to comply with the following additional requirements: (1) mandatory videoconference-hybrid options for members of the public to participate in all legislative body meetings, coupled with disruption policies aimed at procedures for handling stream disruptions for such meetings; (2) mandatory translation of all agendas and instructions on how to access a meeting based on the languages spoken in the community served; and (3) increased outreach and noticing aimed to increasing traditionally marginalized communities participation at public meetings. To the extent the Board desires to consider the voluntary implementation of such requirements, the same can be brought back for further discussion at a future Board meeting.



FINANCIAL IMPACT

None.

ATTACHMENTS

None.



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Kurt Lind, Business Manager
DATE: January 28, 2026
SUBJECT: Information Technology Support Services

RECOMMENDATION

This item is provided for information.

STRATEGIC PLAN

Goal #3: Be financially responsible and transparent.
Goal #6: Provide excellent customer service.

PRIOR BOARD ACTION/DISCUSSION

None.

BACKGROUND

T2 has been providing Mesa Water District (Mesa Water®) project and Information Technology (IT) Support Services since 2013. The current IT Support Services contract expires on December 31, 2026, necessitating Mesa Water going back out for a Request for Proposal (RFP) to ensure the District is receiving excellent and cost-effective IT Support Services.

DISCUSSION

Project Objective

To guide Mesa Water through the technical RFP process necessary to select the most qualified IT firm, staff is engaging an RFP Consultant -- a subject matter expert in the field of IT Support Services RFPs -- to lead Mesa Water through an impartial, thorough and competitive RFP process. Engagement with this expert is designed to secure a high-performing and cost-effective IT partner aligned with Mesa Water's operational requirements, cybersecurity priorities, scalability needs, and long-term strategic objectives, while also addressing current IT pain points and service gaps, strengthening the District's security posture, improving service reliability, and optimizing IT-related expenditures.

Project Key Phases and RFP Consultant Responsibilities

The RFP Consultant's scope encompasses the full lifecycle of the RFP, structured in the following major phases:

1. Project Initiation & Planning

- a. Kickoff meeting and development of a detailed project plan, timeline and communication protocols.

2. Discovery & Current-State Assessment

- a. Structured interviews with department heads, end-users and current IT consultant staff to capture challenges, requirements and priorities.
- b. Comprehensive review of existing IT documentation, policies, network architecture and performance history.

3. Requirements & Procurement Documentation

- a. Development of a detailed IT Support Services Scope of Work (SOW) reflecting stakeholder needs and strategic goals.
- b. Creation/refinement of a tailored Service Level Agreement (SLA) template.
- c. Preparation of estimated budget/cost model, including benchmarks, breakdowns and comparison to current expenditures.

4. Market Research & Vendor Pre-Qualification

- a. Analysis of the IT Support Services' market and pre-qualification of suitable vendors based on reputation, certifications, experience and relevant case studies.

5. RFP Development & Administration

- a. Draft and finalize a comprehensive RFP document, including clear requirements, evaluation criteria and submission instructions.
- b. Facilitation of a pre-proposal meeting, management of vendor questions, and issuance of addenda/Frequently Asked Questions (FAQs) as needed.

6. Proposal Evaluation & Selection

- a. Design of weighted selection criteria and scorecard.
- b. Objective review and scoring of proposals, shortlisting of finalists, participation in finalist interviews, and provision of merit-based recommendations.

7. Contract Negotiation & Finalization

- a. Advisory support during negotiations, including strategy, SLA refinement, pricing and protective clauses.
- b. Review of draft and final contract documents.

8. Transition Planning & Execution Support

- a. Development and oversight of a structured transition plan, including knowledge transfer, milestone tracking and risk management.
- b. Post-transition evaluation of initial performance and lessons learned.

9. Risk Management & Governance

- a. Ongoing identification and mitigation of project risks (security, operational disruption, vendor performance, etc.), integrated into the RFP, contract and transition documents.

Project Deliverables

The RFP Consultant engagement produces a complete set of professional deliverables, including (but not limited to): project plan and timeline, interview summary and prioritized requirements, annotated IT documentation review, detailed SOW, SLA template, budget estimate with cost comparison, market/vendor analysis, full RFP package, evaluation scorecard, proposal evaluation report, finalist shortlist rationale, interview assessments, negotiation strategy and revised contract drafts, transition plan, risk register and final project closure report.

Project Governance & Communication

- Weekly status meetings with the project team;
- Monthly progress reports to the assigned Project Manager;
- Escalation of critical issues as needed; and
- Final closure report summarizing outcomes, benefits realized, and recommendations for ongoing governance.

Project Assumptions & Timeline

The RFP Consultant engagement assumes timely access to Mesa Water staff, documentation and systems. Travel expenses (if required) will be reimbursed separately. The scope excludes full implementation of the new IT Support Services firm beyond transition support. The estimated project duration is **6–9 months**, subject to adjustment based on RFP response volume, negotiation complexity and timelines.

This structured consulting engagement provides Mesa Water with independent expertise, rigorous procurement processes, risk-aware decision-making and a disciplined transition approach — positioning Mesa Water to onboard a best-fit firm that delivers enhanced IT reliability, security, efficiency and value.

Staff will bring an RFP Consultant contract to a future meeting for the Board's approval.

FINANCIAL IMPACT

No funds were budgeted for an IT Support Services RFP Consultant; the necessary funds will be requested from Cash on Hand.

ATTACHMENTS

None.



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Stacy Taylor, Water Policy Manager
DATE: January 28, 2026
SUBJECT: Federal Advocacy Update

RECOMMENDATION

Receive and file the Federal Advocacy Update.

STRATEGIC PLAN

Goal #7: Actively participate in regional and statewide water issues.

PRIOR BOARD ACTION/DISCUSSION

This item is provided monthly at a Mesa Water District (Mesa Water®) Board of Directors meeting.

DISCUSSION

Attached are the Federal Advocacy Report and the list of Federal legislation that Mesa Water is tracking. At the Board's January 28, 2026 meeting, Mesa Water staff will provide a verbal report on any actionable, relevant and/or timely issues.

FINANCIAL IMPACT

In Fiscal Year 2026, \$450,000 is budgeted for Water Policy Support Services; \$206,790 has been spent to date.

ATTACHMENTS

Attachment A: Federal Advocacy Report
Attachment B: Federal Legislation Tracker



To: Mesa Water District
From: Van Scoyoc Associates (VSA); Geoff Bowman, Pete Evich, Jessica Flewallen
Date: January 20, 2026
Subject: January 2026 Report

Federal Government Update

On January 5th, the House released a 3-bill House-Senate compromise piece of legislation, including the FY2026 Interior-EPA and the Energy and Water spending bills. The House passed the package on January 8th by a vote of 397–28. On January 15th, the Senate passed the package by a vote of 82–15, and it was sent to the President’s desk to be signed into law.

Section 401 of Clean Water Act Modification Rule Proposed

On January 13th, the EPA announced a [proposed rule](#) to modify section 401 of the Clean Water Act. Section 401 prohibits a federal agency from issuing a permit or license to discharge into waters of the United States unless a State water quality certification is issued, or the certification is waived. The proposed rule would limit States and tribes from filing litigation against section 401 projects for reasons that fall outside of the Clean Water Act’s statutory requirements and appropriate and applicable water quality-related regulations.

Following the proposed rule’s publication in the Federal Register, EPA will open a 30-day public comment period. VSA will provide Mesa Water District with updates as this develops.

Bureau Publishes List of Alternatives for CO River Negotiations

On January 9th, the Bureau of Reclamation released a [draft report](#) outlining options for how to manage the Colorado River water supply going forward. The report lists five alternatives for management of the water supply and directs the seven basin states to come to an agreement on one. The five alternatives are basic coordination, enhanced coordination, maximum operational flexibility, supply driven, and no action. Some of these alternatives include water cuts in the Lower Basin of up to 4 million acre-feet and some call for conservation in the Upper Basin of 200,000 acre-feet each year or up to 350,000 acre-feet over the first 11 years.

Once this document is posted in the Federal Register a comment period will begin, with an end date of March 2, 2026. VSA will keep Mesa Water updated as this develops.

Water Related Bills Introduced in December

In the last few weeks of 2025, several bills were introduced. In the Senate, the [Unincorporated Partnerships for Grant Resources, Assistance, and Drinking Water Enhancements \(UPGRADE\) Act](#) (S. 3465) was introduced by Sen. Rochester (D-DE) on December 11th. The bill would amend the Safe Drinking Water Act to reauthorize the EPA’s Small, Underserved, and Disadvantaged

Communities grant program through 2031 and make unincorporated communities eligible for funding to improve access to clean water.

In the House, the following bills were introduced by Rep. Pappas (D-NH) on December 11th. The [PFAS Research and Development Reauthorization Act](#) (H.R. 6667) would extend EPA's authority and funding to conduct research and development on PFAS after its prior authorization expired. The [No Taxation on PFAS Remediation Act](#) (H.R. 6669) would amend the Internal Revenue Code to ensure that reimbursements or rebates used for PFAS cleanup are excluded from gross income for tax purposes. The [Clean Water Standards for PFAS Act](#) (H.R. 6668) would require the EPA to establish effluent limitation guidelines and water quality criteria for PFAS discharges under the Federal Water Pollution Control Act, setting regulatory deadlines for industry controls.

EPA Plans to Propose Drinking Water Limits for Perchlorate

On January 5th, the EPA announced plans to propose a [drinking water limit for perchlorate](#) following a court order from May 2023. Perchlorate has been found to interfere with thyroid function, which poses greater risks for IQ and behavior effects on infants and young children. The EPA has found that data indicates the chemical is not widespread in public water systems, and fewer than 0.1% of systems are expected to exceed the proposed limits. The agency will soon seek public comments on enforcement standards of 20, 40, or 80 parts per billion.

House Energy & Commerce Hearing on PFAS CERCLA Designation

On December 18th, the House Committee on Energy and Commerce Subcommittee on Environment held a hearing to discuss the impact of the EPA's Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) designation of PFOA and PFOS, two per- and polyfluoroalkyl substances (PFAS) chemicals. Witnesses from water and environmental policy stakeholders, including the American Water Works Association, spoke on their knowledge of the impact of the PFAS designation on communities and businesses. Utility, legal, and development witnesses warned that CERCLA's strict, joint-and-several liability rules would expose drinking water utilities, municipalities, developers, and other "passive receivers" to litigation and cleanup costs for contamination they did not cause, ultimately shifting the financial burden to ratepayers, taxpayers, and communities, slowing redevelopment, and incentivizing litigation. They argued that compliance costs to meet ultra-low standards, such as four parts per trillion, may not be cost effective compared to higher thresholds, that enforcement discretion provides no real legal protection from third-party lawsuits, and that Congress should strengthen defenses or create statutory exemptions while addressing PFAS upstream through laws like the Toxic Substances Control Act (TSCA), Resource Conservation and Recovery Act (RCRA), and the Safe Drinking Water Act (SDWA). In contrast, one witness, who was there in support of community advocacy, stated exemptions weaken accountability, do not clean up contamination, and risk protecting polluters rather than people, urging congress to regulate PFAS as a class, ban non-essential uses, require full disclosure, fund health studies and infrastructure, and ensure that manufacturers, not communities, pay for the cleanup.

Motion to Block Congressional Redistricting Blocked

In November a lawsuit was [filed](#) asking a panel of federal judges to grant a temporary restraining order blocking the newly redistricted map of California by December 19th. This is the date where congressional candidates can take their first steps to run in the 2026 elections. Although voters approved the new redistricting in Proposition 50, the Justice Department and the California Republican Party have joined forces to accuse the state of California of gerrymandering and therefore prevent the new map from being implemented.

On January 14th, the judges [rejected the motions](#), stating they “failed to show that racial gerrymandering occurred” and concluded there was “no basis for issuing a preliminary injunction.” With the ruling, the Proposition 50 Map will remain in effect for the 2026 midterm elections.

SUPPORT

Water Conservation Rebate Tax Parity Act ([H.R.1871](#), [S.857](#)) Rep. Jared Huffman (D-CA), Sen. John Curtis (R-UT)

Status: House - 03/05/2025 Referred to the House Committee on Ways and Means.

Senate - 03/05/2025 Referred to the Committee on Finance.

Summary: This legislation will amend federal tax law to ensure homeowners do not have to pay income tax when they receive rebates from water utilities for water conservation and water runoff management improvements.

Special District Fairness & Accessibility Act ([H.R.2766](#), [S.2014](#)) Rep. Pat Fallon (R-TX), Sen. John Cornyn (R-TX)

Status: House - 04/09/2025 Referred to the House Committee on Oversight and Government Reform.

Senate - 06/10/2025 Read twice and referred to the Committee on Homeland Security and Governmental Affairs

Summary: This bill will require special districts to be recognized as local government and be eligible for federal funding.

Low-Income Household Assistance Water Program (LIHWAP) Establishment Act ([H.R.4733](#)) Rep. Eric Sorensen (D-IL)

Status: House - 12/01/2025 Referred to the Subcommittee on Water Resources and Environment

Summary: This bill will direct the Secretary of the Department of Health and Human Services (HHS) and Administrator of the Environmental Protection Agency (EPA) to make permanent the Low-Income Household Assistance Water Program (LIHWAP). This bill will allow HHS to award grants to eligible entities to provide funds to public water systems to assist low-income households in paying for drinking water or wastewater services.

Water Infrastructure Modernization Act (WIMA) ([S.2388](#), [H.R.6075](#)) Sen. Ruben Gallego (D-AZ), Rep. Robert Bresnahan (R-PA)

Status: Senate - 07/23/2025 Referred to the Committee on Environment and Public Works.

House - 11/19/2025 Referred to the Subcommittee on Water Resources and Environment.

Summary: This bill will provide \$50 million in grant funding for community water systems to purchase and implement new water technologies, including those that can identify water loss, examine pipe integrity, detect leaks, prepare for severe weather, innovate water storage systems, and more.

Water Cybersecurity Enhancement Act of 2025 ([S.1549](#), [H.R.5868](#)) Sen. Ruben Gallego (D-AZ)

Status: Senate - 05/01/2025 Referred to the Committee on Environment and Public Works.

House - 10/28/2025 Referred to the House Committee on Energy and Commerce.

Summary: This bill will extend and expand the Drinking Water Infrastructure Risk and Resilience Program and provide technical assistance and grants to community water systems for training and guidance regarding protecting from and responding to cyberattacks.

WATCH

Regulations from the Executive in Need of Scrutiny (REINS) Act ([H.R. 142](#)) Rep. Kat Cammack (R-FL)

Status: House - 01/03/2025 Referred to the Committee on the Judiciary, and in addition to the Committees on Rules, and the Budget

Summary: This bill will aim to increase accountability and transparency in the federal regulatory process by requiring that any new "major rule" proposed by federal agencies receive approval from both the House and Senate before taking effect.

To eliminate federal funding for the failed California High-Speed Rail project ([H.R. 213](#)) Rep. Kevin Kiley (R-CA)

Status: House - 01/07/2025 Referred to the House Subcommittee on Railroads, Pipelines, and Hazardous Materials.

Summary: This bill will prohibit the use of Federal financial assistance for the California High-Speed Rail development project in the State of California.

Colorado River Basin System Conservation Extension Act ([H.R. 231](#), [S.154](#)) Rep. Harriet Hageman (R-WY), Sen. John Hickenlooper (D-CO)

Status: House - 02/12/2025 Ordered to be Reported (Amended) by Unanimous Consent.
Senate - 06/18/2025 Passed Senate without amendment by Voice Vote.

Summary: This bill will reauthorize the Colorado River System Conservation Pilot Program through fiscal year 2026.

Preserving Choice in Vehicle Purchase Act ([H.R.346](#)) Rep. John Joyce (R-PA)

Status: House - 01/13/2025 Referred to the House Committee on Energy and Commerce.

Summary: This bill will block the U.S. Environmental Agency from giving California a waiver to "limit the sale or use of new motor vehicles with internal combustion engines." It would do so by modifying the waiver process under the Clean Air Act related to state emission control standards for new motor vehicles.

Providing for congressional disapproval under chapter 8 of title 5, United States Code, of the rule submitted by the Environmental Protection Agency relating to "National Primary Drinking Water Regulations for Lead and Copper: Improvements (LCRI) ([H.J. Res. 18](#)) Rep. Gary Palmer (R-AL)

Status: House - 01/13/2025 Referred to the House Committee on Energy and Commerce.

Summary: This joint resolution nullifies the rule titled National Primary Drinking Water Regulations for Lead and Copper: Improvements (LCRI), which was submitted by the Environmental Protection Agency on October 30, 2024.

Every Drop Counts Act ([H.R. 338](#)) Rep. Jim Costa (D-CA)

Status: House - 11/19/2025 Subcommittee Hearings Held.

Summary: This bill will expand the Bipartisan Infrastructure Law's Small Storage Program by making it easier for groundwater projects to qualify for funding, increase the amount of water they can store, and stabilize underground aquifers.

Fix Our Forests Act ([H.R.471](#), [S.1462](#)) Rep. Bruce Westerman (R-AR), Sen. John Curtis (R-UT)

Status: House – 01/23/2025 Passed in house 279 - 141

Senate - 10/27/2025 Placed on Senate Legislative Calendar under General Orders.

Summary: This bill simplifies and expedites environmental reviews for forest management projects, promotes federal, state, tribal, and local collaboration, and deters frivolous litigation that delays essential projects.

Stop the Delta Tunnel Act ([H.R.1311](#)) Rep. Josh Harder (D-CA)

Status: House - 02/13/2025 Referred to the Subcommittee on Water Resources and Environment.

Summary: This bill will prohibit the Army Corps of Engineers from issuing a federal permit necessary for the State of California to build the Delta Conveyance Project, commonly known as the Delta Tunnel.

Critical Infrastructure Manufacturing Feasibility Act ([H.R.1721](#)) Rep. Mariannette Miller-Meeks (R-IA)

Status: Senate - 04/29/2025 Received in the Senate and Referred to the Committee on Commerce, Science, and Transportation.

Summary: This bill will direct the Secretary of Commerce to conduct a study on the feasibility of manufacturing more critical infrastructure goods in the United States, with a focus on identifying rural communities best suited to support domestic production.

Headwaters Protection Act of 2025 ([H.R.605](#), [S.2701](#)) Rep. Jim Costa (D-CA), Sen. Michael Bennet (D-CO)

Status: House - 02/28/2025 Referred to the Subcommittee on Conservation, Research, and Biotechnology

Senate - 09/03/2025 Referred to the Committee on Agriculture, Nutrition, and Forestry

Summary: This bill reauthorizes the Water Source Protection Program (WSPP) at \$30 million annually from 2024-2028, expands the list of eligible lands and entities, lowers the non-federal match requirement for smaller private sector companies, and reduces bureaucratic hurdles for existing Watershed Restoration Action Plans.

Colorado River Basin System Conservation Extension Act ([S.154](#), [H.R.231](#)) Sen. John Hickenlooper (D-CO), Rep. Harriet Hageman (R-WY)

Status: Senate – 06/16/2025 Passed in Senate.

House – 06/23/2025 Held at the desk.

Summary: This bill will amend the Energy and Water Development and Related Agencies Appropriations Act, 2015, to reauthorize the Colorado River System conservation pilot program.

Improving Atmospheric River Forecasts Act ([S.322](#), [H.R.4302](#)) Sen. Alex Padilla (D-CA)

Status: Senate – 01/29/2025 Referred to Committee on Commerce, Science, and Transportation

House - 07/07/2025 Referred to the House Committee on Science, Space, and Technology.

Summary: This bill will require the National Oceanic and Atmospheric Administration (NOAA) to establish a forecast improvement program within the National Weather Service.

Wildfire Emergency Act of 2025 ([S.350](#)) Sen. Alex Padilla (D-CA)

Status: Senate - 07/17/2025 Referred to the Committee on Agriculture, Nutrition, and Forestry

Summary: This bill will direct the Secretary of Agriculture to select and implement these projects, focusing on reducing the threat of destructive wildfires and assisting communities in increasing their resilience.

Lower Colorado River Multi-Species Conservation Program Amendment Act of 2025 ([H.R.831](#), [S.291](#)) Rep. Ken Calvert (R-CA), Sen. Alex Padilla (D-CA)

Status: House - 09/15/2025 Placed on the Union calendar no.234

Summary: This bill will establish an interest-bearing account for the non-Federal contributions to the Lower Colorado River Multi-Species Conservation Program. This will ensure that state contributions to conservation projects in the Lower Colorado River Basin are able to earn interest and grow before being allocated.

Emergency Wildfire Fighting Technology Act ([H.R.836](#)) Rep. David Valadao (R-CA)

Status: House – 02/05/2025 Passed in House

Senate - 02/06/2025 Referred to the Committee on Agriculture, Nutrition, and Forestry.

Summary: This bill will require the U.S. Forest Service and the Department of the Interior to jointly evaluate the use of the Container Aerial Firefighting System to mitigate and suppress wildfires

Disaster Resiliency and Coverage Act of 2025 ([H.R.1105](#)) Rep. Mike Thompson (D-CA)

Status: House - 02/06/2025 Referred to the Subcommittee on Economic Development, Public Buildings, and Emergency Management.

Summary: This bill will provide homeowners in disaster-prone regions with broad incentives to harden their properties against wildfires and other risks.

Water Systems PFAS Liability Protection Act ([H.R.1267](#)) Rep. Marie Gluesenkamp Perez (D-WA)

Status: House - 02/12/2025 Referred to the Subcommittee on Water Resources and Environment.

Summary: This bill exempts specified water management entities from liability under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) for releases of certain perfluoroalkyl or polyfluoroalkyl substances, commonly referred to as PFAS.

Aquatic Biodiversity Preservation Act of 2025 ([H.R. 1332](#)) Rep. Dave Min (D-CA)

Status: House - 02/13/2025 Referred to the House Committee on Natural Resources.

Summary: This bill will establish a program within the National Oceanic and Atmospheric Administration (NOAA) to collect data on at-risk, aquatic species.

Midnight Rules Relief Act ([H.R.77](#), [S.164](#)) Rep. Andy Biggs (R-AZ), Sen. Ron Johnson (R-WI)

Status: House – 02/12/2025 Passed in House by the Yeas and Nays: 212 - 208

Senate - 02/13/2025 Referred to the Committee on Homeland Security and Governmental Affairs

Summary: This bill will allow lawmakers to roll back multiple federal regulations in one Congressional Review Act resolution, as currently CRA resolutions can only address one rule at a time.

Coastal Commission Accountability Act ([H.R. 1874](#)) Rep. Kevin Kiley (R-CA)

Status: House - 03/05/2025 Referred to the House Committee on Natural Resources.

Summary: This bill will amend the Coastal Zone Management Act (CZMA) to expedite important coastal activities, including national security initiatives, critical infrastructure development, and disaster mitigation and recovery efforts.

Federally Integrated Species Health (FISH) Act ([H.R.1894](#)) Rep. Ken Calvert (R-CA)

Status: House - 03/06/2025 Referred to the House Committee on Natural Resources.

Summary: This bill will eliminate the National Oceanic and Atmospheric Administration (NOAA) Fisheries' oversight role in regulating salmon and other fish under the Endangered Species Act and designate the Fish and Wildlife Life Service (FWS) as the sole regulatory authority.

Promoting Efficient Review for Modern Infrastructure Today (PERMIT) Act ([H.R.2093](#), [H.R.3898](#)) Rep. Ken Calvert (R-CA), Rep. Mike Collins (R-GA)

Status: House - 03/14/2025 Referred to the House Committee on Transportation and Infrastructure.

Senate - 12/15/2025 Received in the Senate and Referred to the Committee on Environment and Public Works.

Summary: This bill will reform the Clean Water Act to streamline permitting, reduce regulatory delays, provide greater certainty for developers, and redefine “navigable waters.”

Protect the West Act of 2025 ([S.670](#)/[H.R.1459](#)) Sen. Michael Bennet (D-CO), Rep. Jason Crow (D-CO)

Status: Senate - 02/20/2025 Referred to the Committee on Agriculture, Nutrition, and Forestry.
House - 03/20/2025 Referred to the Subcommittee on Conservation, Research, and Biotechnology

Summary: This bill will provide an investment of \$60 billion to establish an Outdoor Restoration Fund for restoration and resilience projects across the West.

Preventing Our Next Natural Disaster Act ([H.R.403](#)) Rep. Eric Swalwell (D-CA)

Status: House - 01/15/2025 Referred to the Subcommittee on Economic Development, Public Buildings, and Emergency Management

Summary: This bill will modify the Building Resilient Infrastructure and Communities (BRIC) grant program to increase FEMA's Disaster Relief fund and increases funding accessibility for community planning, environmental justice communities, and impoverished communities.

Ending Major Borderland Environmental Ruin from Wildfires (EMBER) Act ([H.R.2026](#)) Rep. Ken Calvert (R-CA)

Status: House - 04/04/2025 Referred to the Subcommittee on Forestry and Horticulture.

Summary: This bill will ensure better assessment, prevention, and help for communities to manage wildfires. It focuses on modernizing wildfire policies, bolstering resilience, and enhancing restoration efforts.

Endangered Species Act (ESA) Amendments Act ([H.R.1897](#)) Rep. Bruce Westerman (R-AR)

Status: House - 12/17/2025 Ordered to be Reported in the Nature of a Substitute (Amended) by the Yeas and Nays: 25 - 16

Summary: This bill will amend the Endangered Species Act of 1973 to improve conservation of resources and wildlife, protect endangered species, and streamline permitting.

Urban Waters Federal Partnership Act ([H.R.2401](#)) Rep. Greg Stanton (D-AZ)

Status: House - 03/27/2025 Referred to the Committee on Transportation and Infrastructure, and to the Committees on Natural Resources, and Appropriations.

Summary: This bill will formally authorize the Urban Waters Federal Partnership Program, which supports improvements to waterways and urban renewal.

Water Intelligence, Security, and Cyber (Water ISAC) Threat Protection Act ([H.R. 2344/S. 1118](#)) Rep. Jan Schakowsky (D-IL), Sen. Ed Markey (D-MA)

Status: House - 03/25/2025 Referred to the Subcommittee on Water Resources and Environment.

Senate - 03/25/2025 Referred to the Committee on Environment and Public Works.

Summary: This bill will increase drinking water and wastewater system threat preparedness and resilience by directing the EPA to establish a program to offset costs to water systems and increase support.

Providing for congressional disapproval of a rule published by the Fish and Wildlife Service relating to "Endangered and Threatened Wildlife and Plants" ([H.J.Res.78](#)) Rep. Doug LaMalfa (R-CA)

Status: House - 05/01/2025 Passed with a voice vote of 216 - 195

Senate - 05/05/2025 Received in the Senate.

Summary: This bill provides congressional disapproval for a rule from the Fish and Wildlife Service which lists the San Francisco Bay-Delta distinct population segment (DPS) of longfin smelt as an endangered species under the Endangered Species Act

Water Risk and Resilience Reorganization ([H.R.2594](#)) Rep. Eric Crawford (R-AR)

Status: House - 04/02/2025 Referred to the Committee on Transportation and Infrastructure, and to the Committee on Energy and Commerce.

Summary: This bill will establish a Water Risk and Resilience Organization to support modifications and implementation for water systems to meet risk and resilience requirements.

Forest Service Accountability Act ([H.R.1762](#), [S.1061](#)) Rep. Ryan Zinke (R-MT), Sen. Mike Lee (R-UT)

Status: House - 03/28/2025 Referred to the Subcommittee on Forestry and Horticulture.

Senate - 03/13/2025 Read twice and referred to the Committee on Agriculture, Nutrition, and Forestry

Summary: This bill will make the Chief of the Forest Service a Presidentially appointed position

Safeguard American Voter Eligibility (SAVE) Act ([H.R.22](#), [S.128](#)) Rep. Chip Roy (R-TX), Sen. Mike Lee (R-UT)

Status: House – 04/10/2025 Passed by the Yeas and Nays: 220 – 208

Senate - 01/16/2025 Referred to the Committee on Rules and Administration.

Summary: This bill will amend the National Voter Registration Act of 1993 to people provide proof of citizenship when registering to vote in a federal election. The documents for proof of citizenship include a passport, REAL ID, birth certificate, or a military ID.

Restoring WIFIA Eligibility Act ([H.R.3035](#), [S.1760](#)) Rep. Jim Costa (D-CA), Sen. John Curtis (R-UT)

Status: House - 04/28/2025 Referred to the Committee on Transportation and Infrastructure, and the Committee on Energy and Commerce.

Senate - 05/14/2025 Referred to the Committee on the Budget.

Summary: This bill will amend the Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) to clarify that federally-owned infrastructure projects managed by non-federal entities are eligible for WIFIA funding.

Help Hoover Dam Act ([S.1570](#), [H.R.3158](#)) Sen. Catherine Cortez Masto (D-NV), Re. Susie Lee (D-NV)

Status: Senate - 05/01/2025 Referred to the Committee on Energy and Natural Resources.

House - 05/01/2025 Referred to the House Committee on Natural Resources.

Summary: This bill will preserve Hoover Dam as an affordable energy source and strengthen the Southwest's electrical grid by giving the Bureau of Reclamation the authority to use "stranded funds" currently in the Colorado River Dam Fund to pay for operation, maintenance, and replacement projects at Hoover Dam.

Investing In Our Communities Act ([H.R.1255](#)) Rep. David Kustoff (R-TN)

Status: House - 02/12/2025 Referred to the House Committee on Ways and Means.

Summary: This bill will restore tax-exempt advance refunding for municipal bonds so state and local governments can more efficiently invest in projects throughout their communities.

Technical Fix for the State Response to Contaminants Program ([S.1324](#)) Sen. Jeanne Shaheen (D-NH)

Status: Senate - 04/08/2025 Referred to the Committee on Environment and Public Works.

Summary: This bill will provide flexibility for states to use funding from the Bipartisan Infrastructure Law for PFAS in small and disadvantaged communities to assist private well owners.

Wastewater Infrastructure Pollution Prevention and Environmental Safety (WIPPES) Act ([S.1092](#)/[H.R.2269](#)) Sen. Jeff Merkley (D-OR), Rep. Lisa McClain (R-MI)

Status: Senate - 09/19/2025 Placed on Senate Legislative Calendar under General Orders. Calendar No. 166.

House – 06/23/2025 Passed the House by voice vote.

Summary: This bill will require products with significant potential to be flushed to be labeled with “Do Not Flush” notices to protect pipe infrastructure.

Modification of the Aquifer Recharge Flexibility Act ([H.R.331](#), [S.1254](#)) Rep. Russ Fulcher (R-ID)

Status: House – 05/13/2025 Passed the House.

Senate - 04/02/2025 Referred to the Committee on Energy and Natural Resources.

Summary: This bill will allow holders of existing right-of-way grants to use them for aquifer recharge without needing additional authorization from the Secretary of the Interior.

To provide technical and financial assistance for groundwater recharge, aquifer storage, and water source substitution projects ([H.R.337](#)) Rep. Jim Costa (D-CA)

Status: House - 01/13/2025 Referred to the House Committee on Natural Resources.

Summary: This bill will modify the Infrastructure Investment and Jobs Act to allow unobligated funds for groundwater recharge projects, aquifer storage and recovery projects, and water source substitution for aquifer protection projects.

Agriculture Export Promotion Act of 2025 ([H.R.1086](#)) Rep. Dan Newhouse (R-WA)

Status: House - 02/06/2025 Referred to the House Committee on Agriculture.

Summary: This bill will extend and increase funding for the Market Access Program (MAP) and Foreign Market Development (FMD) Program through Fiscal Year 2029.

Fair Access to Agriculture Disaster Programs Act ([H.R.2156](#)/[S.984](#)) Rep. Jimmy Panetta (D-CA), Sen. Alex Padilla

Status: House - 04/04/2025 Referred to the Subcommittee on General Farm Commodities, Risk Management, and Credit.

Senate - 03/12/2025 Referred to the Committee on Agriculture, Nutrition, and Forestry.

Summary: This bill will expand eligibility for USDA disaster assistance programs by waiving gross income limitations.

Advancing Water Reuse Act ([H.R.2940](#)) Rep. Darin LaHood (R-IL)

Status: House - 04/17/2025 Referred to the House Committee on Ways and Means.

Summary: This bill will catalyze the use of recycled water by manufacturers, data centers, and other industrial entities.

Disaster Related Extension of Deadlines Act ([H.R.1491](#)/[S.1438](#)) Rep. Gregory Murphy (R-NC), Sen. Raphael Warnock (D-GA)

Status: House: 12/26/2025 Became Public Law No: 119-64.

Senate - 04/10/2025 Read twice and referred to the Committee on Finance.

Summary: This bill will ensure that natural disaster victims have sufficient time to claim tax refunds and credits, even when their filing deadlines are extended due to a disaster.

Proven Forest Management Act of 2025 ([H.R.179](#)) Rep. Tom McClintock (R-CA)

Status: House - 07/23/2025 Ordered to be Reported in the Nature of a Substitute by the Yeas and Nays: 24 - 15

Summary: This bill will expand forest management practices that have proven successful in reducing wildfire risks and promoting forest health, improving forest resiliency.

Filing Relief for Natural Disasters Act ([H.R.517](#)/[S.132](#)) Rep. David Kustoff (R-TN), Sen. Catherine Cortez Masto (D-NV)

Status: House: 7/24/2025 Became law

Senate - 01/16/2025 Referred to the Committee on Finance.

Summary: This bill will grant the IRS the authority to postpone federal tax filing deadlines for taxpayers affected by state-declared disasters and states of emergency.

FEMA Independence Act ([H.R. 2308](#)) Rep. Jared Moskowitz (D-FL)

Status: House - 03/24/2025 Referred to the Subcommittee on Emergency Management and Technology.

Summary: This bill will remove FEMA from the Department of Homeland Security (DHS) and restore it as an independent, Cabinet-level agency.

Water Affordability, Transparency, Equity, and Reliability (WATER) Act of 2023 ([S.1730](#)) Sen. Bernard Sanders (I-VT)

Status: Senate - 05/13/2025 Referred to the Committee on Environment and Public Works.

Summary: This bill will assist communities in securing access to clean and reliable drinking water. This bill also contains provisions to combat PFAS and provide grants for low-income communities struggling with unaffordable water bills.

Veterans Exposed to Toxic PFAS Act ([H.R.3639](#)) Rep. Michael Lawler (R-NY)

Status: House - 06/06/2025 Referred to the Subcommittee on Health.

Summary: This bill provides eligibility for Department of Veterans Affairs hospital care and medical services to veterans and their family members (including those in utero) who have specified conditions and resided at a military installation where individuals were exposed to perfluoroalkyl and polyfluoroalkyl substances, commonly known as PFAS.

National Prescribed Fire Act of 2025 ([H.R.3889](#), [S.2015](#)) Rep. Kim Schrier (D-WA), Sen. Ron Wyden (D-OR)

Status: House - 06/10/2025 Referred to the Committee on Natural Resources, and in addition to the Committees on Agriculture, and Energy and Commerce.

Senate - 12/17/2025 Committee on Energy and Natural Resources. Ordered to be reported with an amendment in the nature of a substitute favorably.

Summary: This bill will increase funding for Forest Service and DOI for prescribed burns, establish a program for implementation of prescribed burns, establish a program for workforce development, and facilitate coordination between land managers and air quality agencies to alter prescribed burn practices to reduce catastrophic smoke events in the summer.

PFAS National Drinking Water Standard Act of 2025 ([H.R.4168](#)) Rep. Brian Fitzpatrick (R-PA)

Status: House - 06/26/2025 Referred to the House Committee on Energy and Commerce.

Summary: This bill will codify the EPA's final PFAS National Primary Drinking Water Regulation, establishing enforceable maximum contaminant levels (MCLs) for six of the most hazardous PFAS chemicals, including PFOA and PFOS, in public drinking water systems.

WILTR Act of 2025 ([H.R.4181](#)) Rep. Darrell Issa (R-CA)

Status: House - 06/26/2025 Referred to the House Committee on Ways and Means.

Summary: This bill will incentivize wildfire prevention infrastructure and landowner preparedness through targeted tax relief.

The Healthy Drinking Water Affordability Act (Healthy H2O Act) ([H.R.4721](#), [S.2436](#)) Rep. David Rouzer (R-NC), Sen. Tammy Baldwin (D-WI)

Status: House - 07/23/2025 Referred to the House Committee on Agriculture.

Senate - 07/24/2025 Read twice and referred to the Committee on Agriculture, Nutrition, and Forestry.

Summary: This bill will provide grants through the U.S. Department of Agriculture for water quality testing and to purchase and install point-of-entry water filtration systems to remove contaminants from drinking water.

Snow Water Supply Forecasting Program Reauthorization Act of 2025 ([S.2437](#)) Sen. John Hickenlooper (D-CO)

Status: Senate - 07/24/2025 Read twice and referred to the Committee on Energy and Natural Resources.

Summary: This bill will reauthorize the Bureau of Reclamation's Snow Water Supply Forecasting Program which provides grants to advance emerging snow monitoring technology that improve water supply predictions.

Fixing Emergency Management for Americans (FEMA) Act ([H.R.4669](#)) Rep. Sam Graves (R-MO)

Status: House - 09/03/2025 Ordered to be Reported (Amended) by the Yeas and Nays: 57 - 3

Summary: This bill will authorize and improve the Federal Emergency Management Agency and reform Federal disaster mitigation, preparedness, response, and recovery.

Water Infrastructure Resiliency Act ([H.R.5513](#)) Rep. Vince Fong (R-CA)

Status: House - 09/20/2025 Referred to the Subcommittee on Water Resources and Environment.

Summary: This bill will clarify eligible uses under the Clean Water State Revolving Fund (CWSRF) to include modern software tools for the modernization of infrastructure.

Water Infrastructure Resilience and Sustainability Act ([H.R.5566](#)) Rep. Salud Carbajal (D-CA)

Status: House - 12/01/2025 Referred to the Subcommittee on Water Resources and Environment.

Summary: This bill will fund upgrades to drinking water, wastewater, and stormwater infrastructure to make them more resilient against threats by reauthorizing the following programs: Drinking Water System Infrastructure Resilience and Sustainability Program, Midsize and Large Drinking Water System Infrastructure Resilience and Sustainability Program, and the Clean Water Infrastructure Resiliency and Sustainability Program.

Water Infrastructure Subcontractor and Taxpayer Protection Act ([H.R.1285](#), [S.570](#)) Rep. Mike Bost (R-IL), Se. Mark Kelly (D-AZ)

Status: House - 02/13/2025 Referred to the Subcommittee on Water Resources and Environment.

Senate - 02/13/2025 Read twice and referred to the Committee on Environment and Public Works.

Summary: Requires prime contractors on federally funded water infrastructure projects to pay subcontractors promptly and ensures federal oversight to prevent misuse of taxpayer funds.

Water Resources Technical Assistance Review Act ([H.R.3427](#)) Rep. David Taylor (R-OH)

Status: House – 09/15/2025 Passed out of the House.

Senate - 09/16/2025 Received in the Senate and Read twice and referred to the Committee on Environment and Public Works.

Summary: Requires the Army Corps of Engineers to review, assess, and report on the effectiveness of its technical assistance programs for water resources projects, ensuring they meet the needs of local communities and stakeholders.

Golden Mussel Eradication and Control Act of 2025 ([H.R.3717](#)) Rep. Josh Harder (D-CA)

Status: House - 06/04/2025 Referred to the Committee on Transportation and Infrastructure and the Committee on Natural Resources

Summary: Directs federal efforts to control and eradicate invasive golden mussel populations in U.S. waterways to protect ecosystems and infrastructure.

Regional Leadership in Wildland Fire Research Act ([H.R.6154](#), [S.647](#)) Rep. Dave Min (D-CA), Sen. Ben Ray Lujan (D-NM)

Status: House - 11/19/2025 Referred to the Committee on Natural Resources, and the Committees on Agriculture, and Science, Space, and Technology.

Senate - 02/20/2025 Referred to the Committee on Commerce, Science, and Transportation.

Summary: This bill will establish research centers at higher education institutions across the country to support wildfire research and develop new technologies to enhance wildfire preparedness.

Standardizing Permitting and Expediting Economic Development (SPEED) Act ([H.R.4776](#)) Rep. Bruce Westerman (R-AR)

Status: House – 12/18/2025 Passed by the Yeas and Nays: 221 – 196.

Senate - 12/18/2025 Referred to the Committee on Environment and Public Works.

Summary: This bill will narrow the scope of federal actions which trigger a NEPA review by redefining the term “major federal actions” and will also expedite the review process.

Water Infrastructure Resilience and Sustainability Act ([S.3590](#), [H.R.5566](#)) Sen. Lisa Blunt Rochester (D-DE), Rep. Salud Carbajal (D-CA)

Status: Senate - 01/07/2026 Read twice and referred to the Committee on Environment and Public Works

House - 12/01/2025 Referred to the Subcommittee on Water Resources and Environment.

Summary: This bill will reauthorize the Midsize and Large Drinking Water System Infrastructure Resilience Program, Drinking Water System Infrastructure Resilience and Sustainability Program, and Clean Water Infrastructure Resiliency and Sustainability Program for five years.

Unincorporated Partnerships for Grant Resources, Assistance, and Drinking Water Enhancements (UPGRADE) Act ([S. 3465](#)) Sen. Lisa Blunt Rochester (D-DE)

Status: Senate - 12/11/2025 Referred to the Committee on Environment and Public Works

Summary: This bill will amend the Safe Drinking Water Act to reauthorize the EPA’s Small, Underserved, and Disadvantaged Communities grant program through 2031 and make unincorporated communities eligible for funding to improve access to clean water.

PFAS Research and Development Reauthorization Act ([H.R. 6667](#)) Rep. Chris Pappas (D-NH)

Status: House - 12/11/2025 Referred to the Committee on Energy and Commerce, and in addition to the Committees on Science, Space, and Technology, and Transportation and Infrastructure

Summary: This bill will extend EPA's authority and funding to conduct research and development on PFAS after its prior authorization expired.

No Taxation on PFAS Remediation Act ([H.R. 6669](#)) Rep. Chris Pappas (D-NH)

Status: House - 12/11/2025 Referred to the House Committee on Ways and Means.

Summary: This bill will amend the Internal Revenue Code to ensure that reimbursements or rebates used for PFAS cleanup are excluded from gross income for tax purposes.

Clean Water Standards for PFAS Act ([H.R. 6668](#)) Rep. Chris Pappas (D-NH)

Status: House - 12/11/2025 Referred to the House Committee on Transportation and Infrastructure.

Summary: This bill will require the EPA to establish effluent limitation guidelines and water quality criteria for PFAS discharges under the Federal Water Pollution Control Act, setting regulatory deadlines for industry controls.

Community Protection and Wildfire Resilience Act ([S.3609](#), [H.R.582](#)) Sen. Alex Padilla (D-CA), Rep. Jared Huffman (D-CA)

Status: Senate - 01/08/2026 Referred to the Committee on Homeland Security and Governmental Affairs.

House - 01/21/2025 Referred to the Committee on Science, Space, and Technology, and in addition to the Committees on Natural Resources, and Agriculture

Summary: This bill will create a new federal grant program to invest \$1 billion annually to help communities develop and implement Community Protection and Wildfire Resilience Plans



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Stacy Taylor, Water Policy Manager
DATE: January 28, 2026
SUBJECT: State Advocacy Update

RECOMMENDATION

Receive and file the State Advocacy Update.

STRATEGIC PLAN

Goal #7: Actively participate in regional and statewide water issues.

PRIOR BOARD ACTION/DISCUSSION

This item is provided monthly at a Mesa Water District (Mesa Water®) Board of Directors meeting.

DISCUSSION

Attached are the State Advocacy Report and the list of State legislation that Mesa Water is tracking. At the Board's January 28, 2026 meeting, Mesa Water staff will provide a verbal report on any actionable, relevant and/or timely issues.

FINANCIAL IMPACT

In Fiscal Year 2026, \$450,000 is budgeted for Water Policy Support Services; \$206,790 has been spent to date.

ATTACHMENTS

Attachment A: State Advocacy Report
Attachment B: State Legislative Status Report



January 20, 2026

To: Mesa Water District

From: Adam Quiñonez and Dennis Albiani, California Advocates

Subject: January 2026 Monthly Report

On, January 9, the Governor's Finance Director formally unveiled the Governor's January 2026 Budget Proposal that totals roughly \$348.9 billion in overall spending, including \$14.5 billion across the Natural Resources portfolio. Notably the Governor's proposal projects a \$2.9 billion shortfall for the 2026-27 fiscal year, however, by contrast the Legislative Analyst's Office estimates that the structural deficit could be much higher, closer to \$18 billion for this year and \$22 billion the following year.

Related to water and natural resources, the following investments are being proposed in the Governor's Budget:

- *Flood Control* - \$232 million from Prop 4, for flood control projects to evaluate, repair, rehabilitate, reconstruct, expand, or replace levees, weirs, bypasses, and facilities of the State Plan of Flood Control, Projects in the Sacramento-San Joaquin Delta, and projects funded through the Flood Control Subventions Program.
- *Drinking Water* - \$173 million from Prop 4, for drinking water projects serving small or disadvantaged communities or tribes and that address failing water systems and water systems at risk of failing, as well as failing private wells.
- *Regional Conveyance Projects and Repairs to Existing Facilities* - \$68.8 million from Prop 4 to support repairs to existing or new water conveyance projects.
- *Wildfire prevention* - \$58 million from Prop 4 to fund wildfire prevention and hazardous fuels reduction projects and activities in and near wildfire threatened communities.
- *Fire Resilience* - \$19.6 million for technical and financial assistance to help homeowners in wildfire-vulnerable areas to implement defensible space mitigations, including creation of an ember-resistant zone within five feet of a home or structure (known as Zone 0) to reduce the potential for structure ignition during a wildfire.
- *Delta Levees Program Mitigation* - \$14 million for DWR's Delta Levees Program. This funding will support the mitigation required for implementing levee safety projects in the Delta.
- *River Forecast and Snow Survey Resources* - \$9.5 million ongoing from the General Fund to support 24-hour river forecasts and snow measurements that are critical for water supply forecasting, offsetting recent federal reductions in these areas

The introduction of the Governor's January Budget starts the formal state budget process. Next the Legislature will convene budget subcommittees to vet the Governor's proposal and discuss department

specific budget requests. In early May, the Governor will revise his proposal based on up-to-date fiscal numbers, setting up negotiations as each house identifies its own budget priorities.

Key Bills

AB 35 (Alvarez) - Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024: Administrative Procedure Act: exemption: program guidelines and selection criteria.

This bill would exempt Proposition 4 funds from the regulatory process, typically used to create new programs. Instead, this bill would require a state entity that receives funding to administer a competitive grant program that includes a project solicitation and evaluation guidelines and to submit those guidelines to the Secretary of the Natural Resources Agency for approval. This bill would provide parity for Prop 4 funding with other previously passed bonds.

Position: Support (Coalition)

Status: Assembly Appropriations Hearing scheduled for January 22.

Regulatory and Administrative Actions

California Appeals Court Ruling on the Department of Water Resources Bond Authority

A California court of appeal has upheld a lower court ruling that the Department of Water Resources (DWR) lacked legal authority to validate its bond-financing plan for the Delta Conveyance Project. The Third District Court of Appeal agreed with the trial court that DWR's attempt to issue revenue bonds under existing statutory authority exceeded what the law allows, essentially blocking the department from using that specific financing mechanism for the project.

At the heart of the decision is statutory interpretation: under the Water Code, DWR can issue bonds only in narrow circumstances tied to modifying existing State Water Project facilities such as those that were formerly part of the Feather River Project. The court concluded that the "Delta Program" as defined in DWR's bond resolutions was too broad and not sufficiently tethered to what the statute permits as a modification. Because the definition could encompass virtually any conveyance facility "in, about and through the Delta," the court found that this would grant DWR virtually unlimited discretion to issue bonds, which the Legislature never authorized. As a result, the bond validation judgment was denied, and DWR must now explore other ways to finance planning, environmental review, or construction of the Delta Conveyance Project.

Opponents of the tunnel project viewed the ruling as a significant setback for the \$20 billion proposal because it removes a key financing tool without necessarily foreclosing the project itself. Proponents, including DWR, have noted that while this decision rejects this particular bond path, it does not prohibit the state from pursuing the tunnel or other funding mechanisms; they are weighing next steps in response.

U.S. Bureau of Reclamation CVP Operations Plan

The U.S. Bureau of Reclamation finalized a new operations plan for the federally run Central Valley Project that will increase water pumped from the Sacramento-San Joaquin River Delta to Central Valley farmlands. The change follows an executive order by President Trump directing federal agencies to increase water deliveries. Several Central Valley agricultural water districts backed the changes, estimating 250,000 – 400,000 acre-feet of additional water annually for their service areas.

Governor Newsom's administration expressed strong concerns regarding the new operations plan, asserting it was taken unilaterally over state objections and could threaten fish species and reduce water available for other users in the State Water Project system.

California Advocates, Inc. Activity Report

- Attended ACWA conference December 3-4.
- California Advocates and California Chamber of Commerce strategy meeting regarding potential re-introduction of SB 601 (Allen).
- Attended water lobbyists meeting to discuss legislative proposals and two-year bills that may impact public water agencies.
- Coordination meeting with Northern California Water Association
- Attended ACWA Wildfire Liability Workgroup to discuss a potential proposal related to wildfire liability and water agencies.
- Attended LAO update on the Governor's Budget related to water and natural resources.
- Attended ACWA State Legislative Committee on January 16.
- Attended CMUA Water Lobbyist meetings
- Testified in Support of AB 35 (Alvarez) in the Assembly Natural Resources Committee.

Important Dates and Deadlines for 2025-2026

January

January 31 – House of Origin deadline for two-year bills

February

February 20 – Bill introduction deadline

Support - Coalition

[AB 35](#)

(Alvarez D) Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024: Administrative Procedure Act: exemption: program guidelines and selection criteria.

Location: 1/12/2026-A. APPR.

Summary: Existing law, the Administrative Procedure Act, sets forth the requirements for the adoption, publication, review, and implementation of regulations by state agencies. The Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024 (act), approved by the voters as Proposition 4 at the November 5, 2024, statewide general election, authorized the issuance of bonds in the amount of \$10,000,000,000 pursuant to the State General Obligation Bond Law to finance projects for safe drinking water, drought, flood, and water resilience, wildfire and forest resilience, coastal resilience, extreme heat mitigation, biodiversity and nature-based climate solutions, climate-smart, sustainable, and resilient farms, ranches, and working lands, park creation and outdoor access, and clean air programs. Existing law authorizes certain regulations needed to effectuate or implement programs of the act to be adopted as emergency regulations in accordance with the Administrative Procedure Act, as provided. Existing law requires the emergency regulations to be filed with the Office of Administrative Law and requires the emergency regulations to remain in effect until repealed or amended by the adopting state agency. This bill, notwithstanding the above, would exempt the adoption of regulations needed to effectuate or implement programs of the act from the requirements of the Administrative Procedure Act, as provided. The bill would require a state entity that receives funding to administer a competitive grant program established using the Administrative Procedure Act exemption to do certain things, including develop draft project solicitation and evaluation guidelines and to submit those guidelines to the Secretary of the Natural Resources Agency, except as provided. The bill would require the Secretary of the Natural Resources Agency to post an electronic form of the guidelines submitted by a state entity and the subsequent verifications on the Natural Resources Agency's internet website. The bill would authorize the use of certain previously developed program guidelines and selection criteria for these purposes, as provided. This bill contains other related provisions and other existing laws.

Position

Support -
Coalition

Priority

AA - Folder

Subject

Watch-Key

[AB 34](#)

(Patterson R) California Renewables Portfolio Standard Program: local publicly owned electric utilities: large hydroelectric generation.

Location: 1/16/2026-A. APPR.

Summary: Under existing law, the California Renewables Portfolio Standard Program requires retail sellers and local publicly owned electric utilities to procure a minimum quantity of electricity products from eligible renewable energy resources during certain compliance periods up to December 31, 2030. Existing law provides that a local publicly owned electric utility is not required to procure a certain amount of eligible renewable energy resources if, during a year within those compliance periods, the local publicly owned electric utility receives more than 40% of its retail sales from large hydroelectric generation under an ownership agreement or contract in effect as of January 1, 2018. Existing law authorizes the State Energy Resources Conservation and Development Commission (Energy Commission) to establish appropriate multiyear compliance periods for local publicly owned electric utilities beyond December 31, 2030. This bill would provide that the provision related to the procurement of eligible renewable energy resources by local publicly owned electric utilities also applies to the compliance periods established by the Energy Commission.

Position

Watch-Key

Priority

Subject

[AB 874](#)

(Ávila Farías D) Mitigation Fee Act: development impact fees: qualified residential ownership and qualified rental projects.

Location: 1/8/2026-A. L. GOV.

Summary: Existing law, the Mitigation Fee Act, imposes certain requirements on a local agency that imposes a fee as a condition of approval of a development project that is imposed to provide for an improvement to be constructed to serve the development project, or a fee for public improvements, as specified. The act also regulates fees for development projects and fees for specific purposes, including water and sewer connection fees, among others. The act, among other things, requires local agencies to comply with various conditions when imposing fees, extractions, or charges as a condition of approval of a proposed development or development project. The act prohibits a local agency that imposes fees or charges on a residential development for the construction of public improvements or

facilities from requiring the payment of those fees or charges until the date of the final inspection or the date the certificate of occupancy is issued, whichever occurs first, except for utility service fees, as provided. This bill would require a local agency to provide a qualified residential rental project, as defined, with the option of either or both (1) development impact fees set at a rate of \$0 or (2) a development impact fee deferral agreement loan, subject to certain requirements. The bill would also require a local agency to provide a qualified residential ownership project, as defined, with the option of either or both (1) development impact fees set at a rate of \$0 or (2) a development impact fee deferral agreement loan for each income-qualified homebuyer, subject to certain requirements. The bill would define "development impact fee" for these purposes to mean a fee collected by a local agency to fund the construction of public improvements or facilities, with certain exceptions.

Position	Priority	Subject
Watch-Key		

ACA 1 **(Valencia D) Public finance.**

Location: 12/2/2024-A. PRINT

Summary: The California Constitution prohibits the total annual appropriations subject to limitation of the State and of each local government from exceeding the appropriations limit of the entity of government for the prior year adjusted for the change in the cost of living and the change in population. The California Constitution defines "appropriations subject to limitation" of the State for these purposes. This measure would change the 1.5% required transfer to an undetermined percentage of the estimated amount of General Fund revenues for that fiscal year. The measure would change the 10% limit on the balance in the Budget Stabilization Account to 20% of the amount of the General Fund proceeds of taxes for the fiscal year estimate, as specified. The measure would specify that funds transferred under these provisions to the Budget Stabilization Account do not constitute appropriations subject to the above-described annual appropriations limit. This bill contains other existing laws.

Position	Priority	Subject
Watch-Key		

ACA 11 **(Macedo R) California Water Resiliency Act.**

Location: 3/24/2025-A. PRINT

Summary: The California Constitution declares that the general welfare requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable, and that the right to the use of water does not extend to the waste or unreasonable use, method of use, or method of diversion of water. This measure, the California Water Resiliency Act, would require the Treasurer to annually transfer an amount equal to 1% of all state revenues from the General Fund to the Water Conveyance and Capacity Infrastructure Fund, which the measure would create. The measure would continuously appropriate moneys in the fund to the California Water Commission for its actual costs of implementing these provisions and for administering grants for the entitlement, repair, design, and construction of water infrastructure projects that will maintain or expand the availability of clean, safe drinking water for homes and businesses, and water for agricultural uses, consistent with area of origin water rights.

Position	Priority	Subject
Watch-Key		

Total Measures: 5
Total Tracking Forms: 5



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Stacy Taylor, Water Policy Manager
DATE: January 28, 2026
SUBJECT: Orange County Advocacy Update

RECOMMENDATION

Receive and file the Orange County Advocacy Update.

STRATEGIC PLAN

Goal #7: Actively participate in regional and statewide water issues.

PRIOR BOARD ACTION/DISCUSSION

This item is provided monthly at a Mesa Water District (Mesa Water®) Board of Directors meeting.

DISCUSSION

Mesa Water's governmental relations program includes monitoring local and regional political issues and policy-setting authorities (e.g., County of Orange, Orange County Local Agency Formation Commission). Attached is the Orange County Advocacy Report. At the Board's January 28, 2026 meeting, Mesa Water staff will provide a verbal report on any actionable, relevant and/or timely issues.

FINANCIAL IMPACT

In Fiscal Year 2026, \$450,000 is budgeted for Water Policy Support Services; \$206,790 has been spent to date.

ATTACHMENTS

Attachment A: Orange County Advocacy Report



THE COUNTY OF ORANGE REPORT (JANUARY 1 – 20, 2026)

Prepared for Mesa Water District by Venture Strategic

COUNTY OF ORANGE UPDATES

Governance, Legal, and Accountability

Doug Chaffee Re-Appointed Board of Supervisors Chair

Supervisor Doug Chaffee was re-appointed Chair of the Orange County Board of Supervisors for a second consecutive year, with Supervisor Katrina Foley appointed Vice Chair.

OC Superior Court Judge Pleads Guilty to Fraud and Resigns

Orange County Superior Court Judge Thomas Murphy pleaded guilty to federal workers' compensation fraud, agreeing to resign and pay restitution. The case involved false claims of disability while continuing to work.

Public Safety, Fire, and Emergency Response

Ex-OCFA Chief Blasts Helicopter Contract Lapse

Former Orange County Fire Authority Chief Brian Fennessy criticized a lapse in the county's helicopter contract with Cal Fire, but officials assured no impact on firefighting capabilities.

Lack of Hate Crime Data in Orange County

Residents do not have access to comprehensive hate crime data, following a Board of Supervisors' decision to gag the hate crimes commission and exclude hate incidents from reports.

Health & Social Services

Hospital Room Building Boom Can't Offset Long-Term Need

Orange County hospitals are adding hundreds of rooms, but experts warn that it's insufficient for the growing population and aging demographics.

Medi-Cal Eligibility Changes Impact Low-Income Residents

CalOptima leaders warned of impending Medi-Cal eligibility changes, making it harder for residents to maintain coverage, including enrollment freezes and work requirements.

OC Global Medical Center Seeks Court Order to Lift Ambulance Stroke Patient Ban

OCGMC, a level II trauma center in Santa Ana, is seeking an emergency order to lift a county-imposed ban preventing 9-1-1 calls from stroke patients from being routed to the hospital. Hospital officials argue the restriction harms patients by forcing longer transport times and claim the county's ban was unjustified.



CITY UPDATES

Costa Mesa and other Orange County Cities Consider Tax Hikes over Spending Cuts

Costa Mesa, Fullerton, and Orange are considering tax hikes amid budget shortfalls. An OC Register Editorial criticized cities for not prioritizing spending cuts.

Push for Less Housing in Newport Beach

A resident group is advocating for reduced housing density in Newport Beach through a 2026 ballot measure, challenging state mandates.

State Officials Find No Issue with Newport Beach Mooring Rate Hike

State officials approved Newport Beach's offshore mooring rate increase, finding no violations in the process.

Newport Beach and South Orange County Cities Struggle to Maintain Standard Elections

Newport Beach, Laguna Beach, Dana Point, and San Clemente face ongoing challenges in transitioning to district-based elections following Voting Rights Act lawsuits and compliance requirements.

Other Orange County Interest Items

Anaheim City Manager Under Scrutiny

Anaheim's City Manager Jim Vanderpool is facing potential firing amid performance reviews and public criticism. A decision is expected in February.

Angel Stadium Assessment Ongoing

Anaheim officials continue assessing Angel Stadium's condition, with repairs estimated at \$5 million following a collapsed walkway. Negotiations with team owners on funding are underway.

Public Can Comment Now on Plans for High-Speed Rail Segment from Los Angeles to Anaheim

Public input is open on high-speed rail plans from LA to Anaheim, focusing on environmental impacts.

Irvine City Council Rejects Columbarium Proposal

The Irvine City Council rejected a proposal for a columbarium at Great Park to store veterans' ashes, prioritizing other uses.



SPECIAL DISTRICT UPDATES

Moulton Niguel Water District Appoints Brian Parker to Board

The Moulton Niguel Water District appointed Brian Parker to its Board of Directors to fill a vacancy.

Santa Margarita Water District Appoints Laura Freese Board President

The Santa Margarita Water District Board of Directors appointed Laura Freese as Board President and Frank Ury as Vice President.

MAJOR MESA WATER CUSTOMER UPDATES

OC Fair Unveils Theme for 2026: Your Adventure Awaits!

The OC Fair announced its 2026 theme, "Your Adventure Awaits!" for the event running July 17 to August 16.

John Wayne Airport Posts November 2025 Statistics

John Wayne Airport reported serving 910,916 passengers in November 2025, reflecting a 3.2% year-over-year increase and continued growth in passenger traffic.

Barnes & Noble Expands to South Coast Plaza

Barnes & Noble plans to open a 27,000-square-foot store at South Coast Plaza by summer 2026, including a B&N Café and exterior patio.

Two major productions are currently on stage at Segerstrom Center for the Arts.

The musical adaptation of *The Notebook*, based on the novel by Nicholas Sparks, runs January 27 through February 8, bringing the beloved love story to life. Meanwhile, the newly revived production of *The Wiz* continues through January 25 and has earned strong reviews for its vibrant performances and production.

POLITICAL UPDATES

CA Attorney General Race

Incumbent Rob Bonta has declared his reelection bid for California Attorney General, while former Huntington Beach City Attorney Michael Gates recently announced his candidacy with endorsements from local Republicans.

California Economic Data Shows Resiliency Amid Challenges

Recent data shows California's economy may be more resilient than perceived, with 18.8 million employed in November 2025 (11% of the U.S. total) and the largest 1-year job increase of 211,300



(31% of national growth), achieving a 1.1% growth rate ranking 13th nationally. Despite layoffs and inflation, unemployment held steady at 5.5% (3rd highest nationally), with tax receipts surging and consumer confidence rising in December, contrasting with 19 states losing jobs.

Districts that Could Bust Newsom's Redistricting

California's mid-decade redistricting under Governor Gavin Newsom aims to dilute Republican votes by creating Democratic-leaning districts, but districts like the 48th (Rep. Darrell Issa), 1st (Rep. Doug LaMalfa), and 22nd (Rep. David Valadao) could prove to be difficult pick-ups due to independent voters supporting GOP incumbents and shifting coalitions.

Editorial: New 2026 Laws Make the Case for Less Legislating in California

California's new 2026 laws, such as Senate Bill 1053 banning certain plastic bags to close loopholes in the 2014 ban and Senate Bill 53 requiring AI companies to share model impact data, exemplify excessive government intervention, according to critics who argue for a part-time Legislature to reduce regulatory burdens. Other laws include mandating folic acid in corn masa products, banning law enforcement masks, imposing battery fees, and allowing used car returns.

New California Bill Aims to Curb Political Violence

Assembly Bill 1535, the Hortman-Kirk Political Violence Prevention Act, introduced by Assemblymember Laurie Davies (R-Laguna Niguel), adds political affiliation to hate crime classifications, defining it as belonging to or endorsing a party, platform, or politician to protect against targeted violence.

Orange County Legislators' Priorities in Sacramento for 2026

OC legislators have unanimously prioritized affordability issues, like cost of living, housing prices, energy, food, and insurance, amid a state budget shortfall. Sen. Kelly Seyarto (R-Yorba Linda) has emphasized fiscal discipline without borrowing or tax hikes, while Asm. Sharon Quirk-Silva (D-Fullerton) has highlighted protecting working-class families, and Sen. Tom Umberg (D-Santa Ana) has advocated for addressing affordability without increasing taxes. Other priorities include wildfire insurance reform, human trafficking prevention, e-bike safety education, and regulating digital financial assets, as the Legislature reconvened on January 5, 2026.

CLOSED SESSION:

20. PURSUANT TO CALIFORNIA GOVERNMENT CODE SECTION 54957.6:
Public Employee Performance Evaluation
Title: General Manager

CLOSED SESSION:

21. CONFERENCE REGARDING CYBER SECURITY PURSUANT TO CALIFORNIA GOVERNMENT CODE SECTION 54957(a):
The Board will meet in Closed Session regarding cyber security risks and protections.