



*Dedicated to
Satisfying our Community's
Water Needs*

**AGENDA
MESA WATER DISTRICT
BOARD OF DIRECTORS
Wednesday, October 22, 2025
1965 Placentia Avenue, Costa Mesa, CA 92627
4:30 p.m. Regular Board Meeting**

**Teleconference Site:
2871 Alanzo Lane
Costa Mesa, CA 92626**

Members of the public may attend and participate in the meeting at both locations. Notice will be posted on the door at the teleconference site.

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.

PRESENTATION AND DISCUSSION ITEMS:

7. MESA WATER DISTRICT CUSTOMER SURVEY:

Recommendation: Receive the presentation.

8. PIPELINE INTEGRITY PROGRAM UPDATE:

Recommendation: Receive the presentation.

9. RESERVOIRS 1 AND 2 PUMP STATION UPGRADES PROJECT QUARTERLY UPDATE:

Recommendation: Receive the presentation.

10. LOCAL GROUNDWATER SUPPLY IMPROVEMENT PROJECT:

Recommendation: Receive the presentation.

ACTION ITEMS:

NONE

REPORTS:

11. REPORT OF THE GENERAL MANAGER:
- September Key Indicators Report
12. DIRECTORS' REPORTS AND COMMENTS

INFORMATION ITEMS:

13. CLAIM OF TOM FISHER
14. FEDERAL ADVOCACY UPDATE
15. STATE ADVOCACY UPDATE
16. ORANGE COUNTY UPDATE



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,
NOVEMBER 12, 2025 AT 4:30 P.M.**

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
Will Serve Letter Request	2821 Bristol Street		Architect requested a Will Serve letter on 8/12/25. (10/14/25)
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 and returned on 11/30/24. 2nd plan check submitted on 12/10/24 and returned on 12/19/24. (10/14/25)
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 and returned on 5/12/25. (10/14/25)
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 and returned on 7/20/25. 2nd Plan Check submitted on 9/8/25 and returned on 9/11/25. 3rd plan check submittal on 10/2/25 and returned on 10/11/25. (10/14/25)
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. (10/14/25)
C0070-26-01	3333 Bristol Street, Suites 1012 and 1018	South Coast Plaza	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 9/4/25 and returned on 9/8/25. Permit issued on 9/26/25. Precon held on 10/13/25. (10/14/25)
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 and returned on 7/5/20. 3rd plan check on 7/25/21 and 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 and returned on 10/12/21. 6th plan check on 10/22/21 and returned on 10/23/21. 7th plan check received 2/15/22 and returned on 2/17/22. 8th plan check submitted on 7/20/23. Permit issued on 8/17/23. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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 12/20/22. Precon held on 5/22/23. Refresher precon held on 2/12/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
C0340-23-01	2570 Fordham Drive	Single Family Home	Application for New Service submitted on 1/9/23 and waiting for plan check fee to be submitted. 1st plan check submitted on 10/20/22 and returned on 1/15/23. 2nd plan check submitted on 11/14/23 and returned on 11/14/23. 3rd plan check submitted on 11/17/23 and returned 11/18/23. Permit issued on 11/27/23. Precon held 8/18/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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 and returned 2/25/23. 2nd plan check submitted on 3/9/23 and returned on 3/11/23. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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 12/10/24 and returned on 12/19/24. Permit issued on 1/28/25. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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 6/18/23 and returned on 6/22/23. 2nd plan check submitted on 6/26/23 and returned on 6/27/23. (10/14/25)
C0410-24-01	1165 Boise Way	ADU and JADU	Application for New Service submitted on 7/3/2023 and the plan check fee was submitted on 7/20/23. 1st plan check submitted on 7/3/23 and returned on 7/9/23. 2nd plan check submitted on 8/4/23 and returned on 8/6/23. Permit issued on 12/2/24. Precon held on 8/26/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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 3/16/25. Permit issued on 1/29/25. Precon held on 2/26/25. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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 check submitted on 10/23/23 and returned on 10/23/23. Permit issued on 11/15/23. Precon held on 3/12/24. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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 check submitted on 11/14/23 and returned on 11/16/23. (10/14/25)
C0451-24-01	233 22nd Street	JADU and Future ADU	Application for New Service submitted on 10/31/23 and plan check fee submitted on 10/30/23. 1st plan check submitted on 5/15/24 and returned on 5/26/24. 2nd plan check submitted on 7/24/24 and returned on 7/28/24. 3rd plan check submitted on 9/23/24 and returned on 10/6/24. Permit issued on 12/2/24. Precon held on 9/8/25. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
C0454-24-01	228 Costa Mesa Street	Single Family Home	Application for New Service submitted on 11/10/23 and plan check fee submitted on 11/15/23. 1st plan check submitted on 11/10/23 and returned on 11/15/23. 2nd plan check submitted on 11/20/23 and returned on 11/20/23. 3rd plan check submitted on 12/7/23 and returned on 12/7/23. Permit issued on 2/14/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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 2/12/25. (10/14/25)
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. (10/14/25)
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 on 2/23/24 and returned on 2/24/24. Permit issued on 4/9/24. (10/14/25)
C0476-24-01	474 Cabrillo Street	ADU	Application for New Service submitted on 1/26/24 and waiting for plan check fee to be submitted. 1st plan check submitted on 1/26/24 and returned on 1/28/24. 2nd plan check submitted on 1/31/24 and returned on 2/4/24. 3rd plan check submitted on 2/9/24 and returned on 2/10/24. (10/14/25)
C0477-24-01	244 22nd Street	Single Family Home with ADU	Application for New Service and plan check fee submitted on 2/2/24. 1st plan check submitted on 2/6/24 and returned on 2/9/24. 2nd plan check submitted on 2/13/24 and returned on 2/18/24. 3rd plan check submitted on 2/20/24 and returned on 2/24/24. Permit issued on 3/8/24. Precon held on 9/18/24. Refresher precon held on 5/28/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
C0501-24-01	362 E. 22nd Street	Pipeline Relocation	Waiting for Application for New Service and plan check fee to be submitted. Waiting for 1st plan check to be submitted. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
C0523-24-01	212 Broadway	ADU	Application for New Service submitted on 5/9/24 and waiting for plan check fee to be submitted. 1st plan check submitted on 5/16/24 and returned on 5/26/24. 2nd plan check submitted on 6/12/24 and returned on 6/13/24. Permit issued on 9/17/24. (10/14/25)
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. (10/14/25)
C0530-24-01	1973 Rosemary Place	Single Family Home	Application for New Service submitted on 5/20/24 and plan check fee submitted 5/29/24. 1st plan check submitted on 6/3/24 and returned on 6/9/24. 2nd plan check submitted on 6/12/24 and returned on 6/13/24. Permit issued on 6/24/24. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
C0537-25-01	275 Walnut Street	Single Family Home	Application for New Service submitted on 6/28/24 and plan check fee submitted on 7/5/24. 1st plan check submitted on 6/28/24 and returned on 7/6/24. 2nd plan check submitted on 7/12/24 and returned on 7/14/24. 3rd plan check submitted on 7/16/24 and returned on 7/21/24. Permit issued on 8/1/24. Precon held on 9/17/25. (10/14/25)
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. (10/14/25)
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 on 9/2/24. Permit issued on 12/2/24. Precon held on 12/9/24. Shutdown for abandonment performed on 5/5/25. (10/14/25)
C0541-25-01	481 Flower Street	ADU	Application for New Service submitted on 7/2/24 and plan check fee submitted on 6/14/24. 1st plan check submitted on 6/12/24 and returned on 7/7/24. 2nd plan check submitted on 7/8/24 and returned on 7/14/24. 3rd plan check submitted on 7/14/24 and returned on 7/15/24. Permit issued on 8/27/24. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
C0551-25-01	440 Cabrillo Street	ADU	Application for New Service and plan check fee submitted on 8/1/24. 1st plan check submitted on 8/1/24 and returned on 8/4/24. 2nd plan check submitted on 8/13/24 and returned on 9/22/24. 3rd plan check submitted on 9/25/24 and returned on 10/6/24. Permit issued on 11/25/24. Precon held on 2/11/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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 on 10/21/24. 2nd plan check submitted on 10/25/24 and returned on 11/3/24. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
C0562-25-01	1787 Hummingbird Drive	Single Family Home	Application for New Service on 8/28/24 and plan check fee submitted on 8/29/24. 1st plan check submitted on 8/29/24 and returned on 9/2/24. 2nd plan check submitted on 9/20/24 and returned on 9/23/24. Permit issued on 10/7/24. Precon held on 3/18/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
C0577-25-01	969 Grove Place	ADU	Application for New Service submitted on 10/4/24 and plan check fee submitted on 10/9/24. 1st plan check submitted on 10/4/24 and returned on 10/13/24. 2nd plan check submitted on 10/31/24 and returned on 11/3/24. 3rd plan check submitted on 12/16/24 and returned on 12/24/24. Permit issued on 1/28/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. Meter upgraded and locked on 4/14/25. (10/14/25)
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. (10/14/25)
C0589-25-01	470 Flower Street	ADU	Application for New Service 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 3/21/25 and returned on 3/24/25. Permit issued on 4/7/25. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
C0590-25-01	2666 Harbor Boulevard	Commercial	Application for New Service submitted on 10/23 and plan check fee submitted on 10/29/24. 1st plan check submitted on 10/23/24 and returned on 11/10/24. 2nd plan check submitted on 11/24/24 and returned on 12/7/24. 3rd plan check submitted on 12/11/24 and returned on 12/26/24. 4th plan check submitted on 1/2/25 and returned on 1/3/25. Permit issued on 1/28/25. 5th plan check submitted on 1/30/25 and returned on 2/9/25. Permit reissued on 3/4/25. Precon held on 4/17/25. Abandonment performed on 4/30/25. Meter upgraded on 5/12/25. Remaining meter installed 7/23/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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 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. (10/14/25)
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. (10/14/25)
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 9/17/25. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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 and returned on 3/24/25. Permit issued on 4/10/25. Precon held on 9/8/25. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
C0638-25-01	2323 Fordham Drive	Single Family Home	Application for New Service and plan check fee submitted on 2/13/25. 1st plan check submitted on 2/12/25 and returned on 2/15/25. 2nd plan check submitted on 2/17/25 and returned on 2/17/25. 3rd plan check submitted on 2/18/25 and returned on 2/26/25. Permit issued on 5/6/25. (10/14/25)
C0639-25-01	374 Esther Street	Single Family Home	Application for New Service submitted on 2/14/25 and waiting for plan check fee submittal. 1st plan check submitted on 2/14/25 and returned on 2/17/25. 2nd plan check submitted on 2/26/25 and returned on 2/28/25. Permit issued on 3/13/25. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
C0646-25-01	1175 Atlanta Way	Single Family Home	Application for New Service and plan check fee submitted on 2/27/25. 1st plan check submitted on 2/20/25 and returned on 3/4/2025. 2nd plan check submitted on 3/13/25 and returned on 3/17/25. 3rd plan check submitted on 3/24/25 and returned on 3/24/25. Permit issued on 4/10/25. Precon held on 5/21/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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 3/8/25 and returned on 4/27/25. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. ProjectTteams meeting held on 7/14/25. Final BF tested on 8/7/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
C0673-25-01	2150 Newport Boulevard	Commercial	Application for New Service and plan check fee submitted on 5/3/25. 1st plan check submitted on 4/19/25 and returned on 5/11/25. 2nd plan check submitted on 5/14/25 and returned on 5/24/25. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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 6/10/25 and returned on 6/18/25. Permit issued on 9/15/25. (10/14/25)
C0676-25-01	2969 Bimini Place	ADU	Application for New Service submitted on 5/1/25 and plan check fee submitted on 5/6/25. 1st plan check submitted on 5/1/25 and returned on 5/11/25. 2nd plan check submitted on 5/19/25 and returned on 5/24/25. 3rd plan check submitted on 5/27/25 and returned on 5/29/25. Permit issued on 6/10/25. Precon held on 6/17/25. (10/14/25)
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. (10/14/25)
C0678-25-01	2180 Harbor Boulevard	Commercial	Application for New Service submitted on 3/12/25 and plan check fee submitted on 3/15/25. 1st plan check submitted on 5/9/25 and returned on 5/14/25. 2nd plan check submitted on 5/14/25 and returned on 5/24/25. 3rd plan check submitted on 7/18/25 and returned on 7/20/25. 4th plan check submitted on 8/5/25 and returned on 8/8/25. Permit issued on 8/27/25. Precon held on 9/3/25 and again on 9/11/25. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
C0687-25-01	1956 Killdeer Circle	ADU	Application for New Service and plan check fee submitted on 6/3/25. 1st plan check submitted on 5/29/25 and returned on 6/8/25. 2nd plan check submitted on 6/11/25 and returned on 6/19/25. Permit issued on 7/1/25. Precon held on 9/23/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
C0699-25-01	837 W. 17th Street	Commercial	Application for New Service submitted on 6/18/25 and plan check fee submitted on 6/20/25. 1st plan check submitted on 6/16/25 and returned on 6/28/25. 2nd plan check submitted on 7/3/25 and returned on 7/16/25. 3rd plan check submitted on 8/13/25 and returned on 8/18/25. 4th plan check submitted on 8/18/25 and returned on 8/19/25. 5th plan check submitted on 8/25/25 and returned on 8/29/25. Permit issued on 9/8/25. Precon held on 9/24/25. Backflow placement and test completed 10/9/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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 on 8/5/25 and returned on 8/7/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
C0710-26-01	340 Flower Street	Single Family Home	Application for New Service submitted on 7/14/25 and plan check fee submitted on 7/10/25. 1st plan check submitted on 6/30/25 and returned on 7/20/25. 2nd plan check submitted on 7/21/25 and returned on 7/21/25. Permit issued on 7/30/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
C0716-26-01	1818 Viola Place	ADU	Application for New Service submitted on 7/24/25 and plan check fee submitted on 7/25/25. 1st plan check submitted on 7/24/25 and returned on 8/6/25. 2nd plan check submitted on 8/14/25 and returned on 8/18/25. 3rd plan check submitted on 8/21/25 and returned on 8/28/25. Permit issued on 9/15/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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 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. (10/14/25)
C0720-26-01	769 Baker Street	Commercial	Application for New Service submitted on 7/31/25 and plan check fee submitted on 5/28/25. 1st plan check submitted on 6/18/25 and returned on 8/7/25. (10/14/25)
C0721-26-01	1789 Rogers Street	Single Family Home	Application for New Service and plan check fee submitted on 7/31/25. 1st plan check submitted on 8/14/25 and returned on 8/14/25. 2nd plan check submitted on 8/15/25 and returned on 8/15/25. 3rd plan check submitted on 8/20/25 and returned on 8/28/25. Permit issued on 9/15/25. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
C0733-26-01	2115 Parsons Street	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. (10/14/25)
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. (10/14/25)
C0735-26-01	3250 Oregon Avenue	Single Family Home	Application for New Service and plan check fee submitted on 8/27/25. 1st plan check submitted on 9/4/25 and returned on 9/8/25. 2nd plan check submitted on 9/26/25 and returned on 9/28/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
C0739-26-01	1713 Oahu Place	Single Family Home	Application for New Service and plan check fee submitted on 9/12/25. 1st plan check submitted on 9/12/25 and returned on 9/13/25. 2nd plan check submitted on 9/17/25 and returned on 9/17/25. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
C0748-26-01	936 Carnation Avenue	Single Family Home	Application for New Service and plan check fee submitted on 9/29/25. 1st plan check submitted on 9/30/25 and returned on 10/7/25. (10/14/25)
C0749-26-01	361 Paularino Ave	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. (10/14/25)
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. (10/14/25)
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. (10/14/25)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
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. (10/14/25)
C0753-26-01	3150 Bear Street	142 Home Development	Application for New Service and plan check fee submitted on 9/25/25. 1st plan check submitted on 9/5/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)
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. (10/14/25)
C0757-26-01	2939 Maui Place	Single Family Home	Application for New Service and plan check fee submitted on 10/8/25. 1st plan check submitted on 10/8/25 and returned on 10/12/25. (10/14/25)
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. (10/14/25)
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. (10/14/25)

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

October 2025

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. Completion of the chemical facility construction and startup of the

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

October 2025

chemical management system is expected in October 2025. Reservoir 2 jockey pumps and motors are expected in November 2025, and installation is expected in December 2025. 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 AQMD 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.

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 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 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 Capital Improvement Program

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

October 2025

(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 November 2025.

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 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 OCWD, City of Huntington Beach, and City of Newport Beach.

Status: A contract was awarded to Black & Veatch Corporation 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, submitted to USBR in September 2025, is with USBR for review. USBR review is anticipated to be complete by April 2026.

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. 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 to perform a cost estimate for connection alternatives.

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

October 2025

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 in July 2025. Notice to Proceed was provided in August 2025. A kickoff meeting was held in September 2025. As of October 2025 the project is in the data collection stage.

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 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, 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

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

October 2025

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 is planned for October 2025.

SCADA Needs Assessment

File No.: M26-100

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

Status: Staff developed a draft Scope of Work and incorporated feedback from expert consultants. The RFP was posted in October 2025, proposals are due in November. An agenda item to award a contract is planned for the December 2025 Board meeting.

Mesa Water Education Center Flagpole

File No.: M25-104

Description: Evaluate the most appropriate location and height of the flagpole at the MWRF. 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.

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT
October 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.

Water Quality Call Report

September 2025

Date: 9/9/2025
Source: Phone/Visit
Address: 324 Broadway
Description: The customer recently reported noticing a chemical taste and odor in the water she collects each night in a designated container.

Outcome: Staff tested the water from both the outside hose bib and the kitchen faucet. Both samples showed no noticeable odor, and the pH and chlorine residual levels were within normal ranges. The water sample the customer collected in her designated container did have an odor, which appears to be related to an internal issue.

Date: 9/11/2025
Source: Phone
Address: 1645 Minorca Drive
Description: The customer inquired about the sodium levels in the water, expressing concern due to his wife being on a strict low-sodium diet. He wanted to verify the sodium levels reported in the Annual Water Quality Report.

Outcome: Staff explained to the customer that sodium is naturally present in the water and that concentrations can vary from well to well. Staff discussed the range and average sodium levels for all Mesa Water District sources and advised the customer to consult with their doctor for specific medical guidance.

Date: 9/16/2025
Source: Phone
Address: 1751 Monrovia Avenue
Description: The customer expressed concern that the water may be contributing to his girlfriend's hair loss and requested to have the water tested.

Outcome: Staff explained Mesa Water District's comprehensive testing program and assured the customer that the water meets or exceeds all state and federal drinking water standards. Staff guided the customer to the Annual Water Quality Report and provided a list of local laboratories should he wish to conduct independent testing.

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
CAPITAL					
CAROLLO ENGINEERS	000015125	09/18/25	FB71053	E400-0012	\$9,787.00
	000015208	09/25/25	FB71777	E400-0012	\$1,704.00
		09/25/25	FB71899	M24-104	\$22,511.00
	2				\$34,002.00
GATEWAY PACIFIC CONTRACTORS, INC.	000015216	09/25/25	35	M18-100	\$33,805.56
	1				\$33,805.56
LEE & RO INC	000015146	09/18/25	1272.11	M21-210B	\$2,274.00
	000015226	09/25/25	1277/01	M26-104	\$1,191.50
	2				\$3,465.50
MURAKAWA COMMUNICATIONS, INC.	000015089	09/11/25	MESA WATER-63	MWRF OUTREACH	\$3,275.00
	1				\$3,275.00
SG CREATIVE, LLC	000015098	09/11/25	022	DESIGN SERVICES	\$1,320.00
		09/11/25	010	ICON DESIGN	\$230.00
		09/11/25	009	BILL INSERT DESIGN	\$230.00
	1				\$1,780.00
SONSRAY MACHINERY	000015043	09/05/25	SW0078238-1	PREVENTATIVE MAINTENANCE	\$935.13
		09/05/25	SW0078147-1	PREVENTATIVE MAINTENANCE	\$1,487.07
		09/05/25	SW0078148-1	PREVENTATIVE MAINTENANCE	\$2,959.39
	000015242	09/25/25	PS0194678-1	PARTS AND SUPPLIES	\$653.28
	2				\$6,034.87
SUNBELT RENTALS INC.	000015156	09/18/25	173559763-0001	EQUIPMENT RENTALS	\$40.44
	1				\$40.44
TETRA TECH, INC	000015243	09/25/25	52476808	M26-101	\$15,252.50
	1				\$15,252.50
Total CAPITAL	11				\$97,655.87
CHECK SIGNATURE EXEMPT					
SOUTHERN CALIFORNIA EDISON CO	000015201	09/23/25	4089AUG25	4089 7.29.25 - 8.26.25	\$246,611.57
	1				\$246,611.57
SOUTHERN CALIFORNIA GAS CO	000015042	09/05/25	05060829172AUG25	05060829172 7.24.25 - 8.25.25	\$14,572.04

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
SOUTHERN CALIFORNIA GAS CO	000015238	09/25/25	05200799004SE P25	05200799004 8.19.25 - 9.18.25	\$4,360.73
	2				\$18,932.77
Total CHECK SIGNATURE EXEMPT	3				\$265,544.34
DEPARTMENT EXPENSE					
ACWA JOINT POWERS INSURANCE AUTHORITY	000015065	09/10/25	JUNE25	4.1.25 - 6.30.25 WORKERS COMP	\$54,808.86
	1				\$54,808.86
CALPERS BENEFIT PAYMENTS	0205936	09/09/25	1000000180261 99	SEPTEMBER PREMIUM	\$8,183.30
	0205937	09/09/25	1000000180261 96	CHECK DATE 8.14.25	\$50,555.91
	0205938	09/09/25	081325	RETRO	\$23.32
	0205939	09/12/25	1000000180423 19	SSA	\$200.00
	0205943	09/12/25	08132025	8.13.25 CONTRIBUTIONS	\$20,682.79
	0205944	09/12/25	08132025	8.13.25 CONTRIBUTIONS	\$26,440.05
	0205946	09/23/25	1000000180341 34	GASB 68	\$350.00
	0205948	09/25/25	1000000180407 30	UNFUNDED LIABILITY	\$1,451.00
	0205949	09/25/25	1000000180407 22	UNFUNDED LIABILITY	\$120,897.75
	0205953	09/26/25	082725	CHECK DATED 8.27.25	\$20,653.54
	0205954	09/26/25	082725	CHECK DATED 8.27.25	\$25,486.91
	0205956	09/26/25	09102025	CHECK DATED 9.10.25	\$20,272.88
	0205957	09/26/25	09102025	CHECK DATED 9.10.25	\$25,503.38
	0205958	09/26/25	1000000180672 78	FEES	\$200.00
	14				\$320,900.83
COLONIAL LIFE & ACCIDENT INS	000015020	09/05/25	8892333090754 7	8.8.25	\$137.72
	000015128	09/18/25	8892333092142 4	9.21.25	\$137.72
	2				\$275.44
COSTA MESA CHAMBER OF COMMERCE	000015200	09/18/25	18807	Req: 8240	\$850.00

Payment Listing by Class

9/1/2025 - 9/30/2025

	1	\$850.00				
EMPLOYMENT DEVELOPMENT DEPT	000015212	09/25/25	L0728697808	EMPLOYMENT TAX	\$4,950.00	
		09/25/25	L1802439632	UNEMPLOYMENT TAX	\$6,179.00	
	1	\$11,129.00				
FIRST BANKCARD	0205947	09/24/25	09302025	SEPT CHARGES	\$17,807.52	
	1	\$17,807.52				
GOVERNMENT FINANCE OFFICERS ASSOC.	000015138	09/18/25	00023591	ACHEIVEMENT REVIEW FEE FY24	\$460.00	
	1	\$460.00				
INTERNATIONAL FOUNDATION OF EMPLOYEE BENEFIT PLANS	000015085	09/11/25	INV-844207-N7P4S1	Req: 8186	\$325.00	
	1	\$325.00				
LEDGENT	000015033	09/05/25	16308959B	TEMP LABOR	\$1,561.21	
		09/05/25	16308959A	TEMP LABOR	\$1,982.14	
		09/05/25	16313253	TEMP LABOR	\$1,417.96	
		09/05/25	16313252	TEMP LABOR	\$2,290.97	
	000015087	09/11/25	16317530	TEMP LABOR	\$1,541.69	
		09/11/25	16315393	TEMP LABOR	\$2,557.60	
		09/11/25	16315394	TEMP LABOR	\$1,209.93	
		09/11/25	16317529	TEMP LABOR	\$2,525.63	
	000015225	09/25/25	16321807	TEMP LABOR	\$2,557.60	
		09/25/25	16319663	TEMP LABOR	\$2,046.08	
		09/25/25	16319664	TEMP LABOR	\$1,248.96	
		09/25/25	16321808	TEMP LABOR	\$1,561.21	
		3	\$22,500.98			
	ORANGE COUNTY EMPLOYEES ASSN	000015038	09/05/25	073125	7.31.25	\$265.65
			09/05/25	082725	8.27.25	\$265.65
			09/05/25	081325	8.13.25	\$265.65
	1	\$796.95				
TASC	000015044	09/05/25	IN3538295	AUGUST FEES	\$146.16	
	1	\$146.16				
ULTIMATE STAFFING SERVICES	000015049	09/05/25	16315395	TEMP LABOR	\$507.50	
	000015102	09/11/25	16317531	TEMP LABOR	\$630.00	
	000015159	09/18/25	16319665	TEMP LABOR	\$390.60	
	000015247	09/25/25	16321809	TEMP LABOR	\$420.00	
	4	\$1,948.10				
Total DEPARTMENT EXPENSE	31	\$431,948.84				

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
EMPLOYEE CHECKS					
TREVOR HAGEN	000015064	09/09/25	091025	CHECK DATE 9.10.25	\$2,401.40
	1				\$2,401.40
Total EMPLOYEE CHECKS	1				\$2,401.40
FINANCIAL OBLIGATIONS					
US BANK	0205934	09/09/25	2969716	COPS 2017 INT PAYMENT	\$141,861.85
	0205935	09/09/25	2969715	USBANK 202 COPS	\$1,283,097.54
	2				\$1,424,959.39
Total FINANCIAL OBLIGATIONS	2				\$1,424,959.39
GENERAL AND ADMINISTRATIVE					
360GT LLC	000015252	09/25/25	467	WEB HOSTING	\$3,300.00
	1				\$3,300.00
ACCO ENGINEERED SYSTEMS, INC.	000015057	09/05/25	20726531	PREVENTATIVE MAINTENANCE	\$1,101.43
	000015203	09/25/25	20733973	PREVENTATIVE MAINTENANCE	\$4,219.00
	2				\$5,320.43
AMERICAN INTEGRATED SERVICES, INC.	000015110	09/11/25	CHEQ00099008 618	20078700 Cheque Deposits 20078	\$880.12
	1				\$880.12
AT&T	000015059	09/05/25	000023863429	7.1.25 - 7.31.25	\$421.07
		09/05/25	000023862571	7.1.25 - 7.31.25	\$3,491.37
		09/05/25	000023898621	7.11.25 - 8.10.25	\$306.50
	000015121	09/18/25	000023969018	07.23.25 - 08.24.25	\$329.96
		09/18/25	000024003355	8.1.25 - 8.31.25	\$417.59
		09/18/25	000023821246	6.25.25 - 7.24.25	\$333.37
		09/18/25	000024002491	8.1.25 - 8.31.25	\$3,505.00
	2				\$8,804.86
AT&T MOBILITY	000015061	09/05/25	287295684390X 081625	2872956844390 7.9.25 - 8.8.25	\$547.86
		09/05/25	287306005081X 081525	287306005081 8.8.25 - 9.7.25	\$424.98
	1				\$972.84
BLACK & VEATCH	000015067	09/11/25	1474578	M24-105	\$31,378.41
	1				\$31,378.41
BOLLAND AND ASSOCIATES	000015054	09/05/25	250307	CONSULTING SERVICES	\$1,250.00

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
BSI AMERICA PROFESSIONAL SERVICES INC.	1				\$1,250.00
	000015015	09/05/25	108641	SUPPORT SERVICES	\$8,768.00
	000015068	09/11/25	108789	SUPPORT SERVICES	\$8,768.00
	000015207	09/25/25	109204	SUPPORT SERVICES	\$12,048.00
BURKE, WILLIAMS & SORENSEN, LLP	3				\$29,584.00
	000015123	09/18/25	349989	ANALYSIS & TESTING	\$11,905.00
CAL VALVE INC	1				\$11,905.00
	000015124	09/18/25	14907	BACKFLOW TESTING SIMULATION	\$5,576.32
CALIFORNIA ADVOCATES INC.	1				\$5,576.32
	000015069	09/11/25	25589	ADVOCACY SERVICES	\$7,700.00
CALIFORNIA POLICY CENTER	1				\$7,700.00
	000015016	09/05/25	250822MESA	Req: 8182	\$15,000.00
CARDIO PARTNERS, INC.	1				\$15,000.00
	000015209	09/25/25	600146026	PARTS AND SUPPLIES	\$584.48
CCS ORANGE COUNTY JANITORIAL INC.	1				\$584.48
	000015021	09/05/25	716551	JANITORIAL SERVICES	\$4,095.00
	000015071	09/11/25	696234	JANITORIAL SERVICES	\$4,095.00
CENTER FOR MUNICIPAL FINANCE	2				\$8,190.00
	000015070	09/11/25	250829CMF	STATISTICAL ANALYSIS	\$1,500.00
CINTAS CORPORATION NO.3	1				\$1,500.00
	000015018	09/05/25	4240846242	UNIFORM AND TEXTILE RENTALS	\$473.86
	000015114	09/11/25	4241595743	UNIFORM & TEXTILE RENTALS	\$473.86
		09/11/25	4242221478	UNIFORM & TEXTILE RENTALS	\$473.86
	000015126	09/18/25	4243050786	UNIFORM & TEXTILE RENTALS	\$473.86
CITY OF SANTA ANA	3				\$1,895.44
	000015019	09/05/25	3-5821.304AUG25	6.2.25 - 8.5.25	\$455.02
		09/05/25	3-5776.303AUG25	6.2.25 - 8.05.25	\$220.68
		09/05/25	6-3614.300AUG25	6.2.25 - 8.5.25	\$426.54
	1				\$1,102.24

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
COOPERATIVE PERSONNEL SERVICES	000015129	09/18/25	TR-INV006436	WRITTEN EXAM ACCOUNTANT	\$1,442.65
	1				\$1,442.65
COX CASTLE & NICHOLSON LLP	000015210	09/25/25	9.12.25	LEGAL SERVICES	\$10,000.00
	1				\$10,000.00
DITCH WITCH SOUTHERN CALIFORNIA	000015023	09/05/25	667177	TOOLS	\$1,208.67
	000015072	09/11/25	666992	TOOLS	\$7,329.96
	000015211	09/25/25	995643	TOOLS AND SUPPLIES	\$34.67
	3				\$8,573.30
DOCUSIGN, INC.	000015130	09/18/25	111100524696	MEMBERSHIP & SUPPORT	\$7,612.80
	1				\$7,612.80
DUANE MORRIS LLP	000015131	09/18/25	3313225	LEGAL REPRESENTATION	\$4,573.34
		09/18/25	3332183	LEGAL REPRESENTATION	\$260.00
	1				\$4,833.34
EAN SERVICES LLC	000015073	09/11/25	39815897	RENTAL CAR SERVICES	\$213.17
	1				\$213.17
EARTHCO COMMERCIAL LANDSCAPE	000015133	09/18/25	96934	IRRIGATION LABOR AND MATERIALS	\$763.70
		09/18/25	96895	WATER WISE AT COSTA MESA HALL	\$20,436.00
	1				\$21,199.70
EMPOWER	0205940	09/12/25	9.10.25 401A	CHECK DATE 9.10.25 401A	\$325.98
	0205941	09/12/25	9.10.25 LOAN	CHECK DATE 9.10.25 LOAN	\$796.97
	0205942	09/12/25	9.10.25 MATCH	CHECK DATE 9.10.25 MATCH	\$12,494.10
	0205945	09/12/25	9.10.25 457	CHECK DATE 9.10.25 457	\$25,649.05
	0205950	09/26/25	092425	CHECK DATED 9.24.25	\$325.98
	0205951	09/26/25	092425 LOAN	CHECK DATED 9.24.25 LOAN	\$706.07
	0205952	09/26/25	092425 MATCH	CHECK DATED 9.24.25 MATCH	\$15,638.00
	0205955	09/26/25	092425 457B	CHECK DATED 9.24.25 457B	\$28,879.93

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
ENTERPRISE FM TRUST	8				\$84,816.08
	000015075	09/11/25	249517-080525	AUG LEASE	\$330.72
		09/11/25	249517-090425	SEPT LEASE	\$330.72
ENTHALPY ANALYTICAL, LLC	1				\$661.44
	000015024	09/05/25	CINV-340328.1	ANALYTICAL SERVICES	\$202.50
		09/05/25	CINV-430204	ANALYTICAL SERVICES	\$6,848.20
FULL CIRCLE RECYCLING	1				\$7,050.70
	000015079	09/11/25	31010	RECYCLING SERVICES	\$133.50
	1				\$133.50
FULLY PROMOTED / EMBROIDME COSTA MESA	000015137	09/18/25	303746	EMBROIDERY GIFT	\$1,039.79
	1				\$1,039.79
	000015080	09/11/25	5980332	PROMOTIONAL ITEMS	\$6,779.80
HAZEN AND SAWYER	1				\$6,779.80
	000015219	09/25/25	0000018	M21-210B2	\$5,160.00
	1				\$5,160.00
INFOSEND INC	000015029	09/05/25	293416	DATA PROCESSING	\$1,148.88
	000015083	09/11/25	293643	DATA PROCESSING SERVICES	\$5,140.06
	000015141	09/18/25	294793	DATA PROCESSING	\$1,199.89
	000015222	09/25/25	294982	DATA PROCESSING	\$1,392.51
		09/25/25	295270	DATA PROCESSING	\$1,861.79
	4				\$10,743.13
INSIGHT PUBLIC SECTOR	000015084	09/11/25	PO019032	NETWORK SUPPORT	\$7,003.64
	000015142	09/18/25	1101305064	VSPHERE FOUNDATION	\$14,156.64
	2				\$21,160.28
INTEGRITY MEDIA CORP	000015143	09/18/25	1003IM10901	9/11 VIDEO UPDATE	\$195.00
	1				\$195.00
JOEL WELLS	000015199	09/18/25	CHEQ00099008 622	00616303 Cheque Deposits 00616	\$182.76
	1				\$182.76
JOHN ROBINSON CONSULTING, INC.	000015086	09/11/25	MW202501-03	AWIA PROJECT	\$2,640.00
	000015202	09/25/25	MW202502-01	PLAN CHECK SERVICES	\$14,025.00

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
JOHN ROBINSON CONSULTING, INC.	000015202	09/25/25	MW202401-17	Receivings Transaction Entry	\$15,757.50
		09/25/25	MW202502-02	PLAN CHECK SERVICES	\$15,097.50
		09/25/25	MW202401-16	PLAN CHECK	\$12,540.00
	2				\$60,060.00
JOHNSON SERVICE GROUP, INC.	000015030	09/05/25	JT000646977	TEMP LABOR	\$1,960.00
	000015144	09/18/25	JT000648992	TEMP LABOR	\$1,764.00
	000015223	09/25/25	JT000650058	TEMP LABOR	\$1,568.00
	3				\$5,292.00
KENNEDY EQUIPMENT COMPANY INC.	000015031	09/05/25	67837	PREVENTATIVE MAINTENANCE	\$237.50
		09/05/25	67832	PREVENTATIVE MAINTENANCE	\$134.18
		09/05/25	67833	PREVENTATIVE MAINTENANCE	\$210.33
		09/05/25	67834	PREVENTATIVE MAINTENANCE	\$242.67
		09/05/25	67835	PREVENTATIVE MAINTENANCE	\$341.08
		09/05/25	67836	PREVENTATIVE MAINTENANCE	\$285.00
	1				\$1,450.76
KEVIN BROWN	000015198	09/18/25	CHEQ00099008621	04021200 Cheque Deposits 04021	\$63.35
	1				\$63.35
KIA FINANCE	000015032	09/05/25	2315318179SEP25	TELLURIDE MONTHLY PAYMENT	\$964.30
	1				\$964.30
LA CONSULTING INC	000015145	09/18/25	0015762	AUDIT & SUPPORT 075-015.04	\$7,473.50
	1				\$7,473.50
LIEBERT CASSIDY WHITMORE	000015147	09/18/25	304561	LEGAL SERVICES	\$2,465.00
		09/18/25	304562	LEGAL SERVICES	\$3,271.00
		09/18/25	304563	LEGAL SERVICES	\$4,087.00
	1				\$9,823.00
LIFECOM, INC.	000015034	09/05/25	2106762-IN	REPAIRS AND CALIBRATIONS	\$80.00
		09/05/25	2106765-IN	REPAIRS AND CALIBRATIONS	\$80.00

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
LIFECOM, INC.	000015148	09/18/25	2106027-IN	SERVICE & CALIBRATION	\$468.80
	2				\$628.80
LUKE FRAGALE	000015111	09/11/25	CHEQ00099008620	06114200 Cheque Deposits 06114	\$37.54
	1				\$37.54
MICHAEL K. NUNLEY & ASSOCIATES, INC. dba MKN	000015149	09/18/25	1807	A2025-0066	\$7,543.25
	000015227	09/25/25	1869	M25-101	\$2,338.00
	2				\$9,881.25
MOUSE GRAPHICS	000015088	09/11/25	478877	MEDIA SERVICES	\$578.62
	1				\$578.62
NAPA AUTO PARTS	000015062	09/05/25	068299	PARTS FOR AUTOS AND TRUCKS	\$67.29
	000015230	09/25/25	073840	AUTO PARTS	\$163.04
	2				\$230.33
NATIONAL SAFETY SERVICES INCORPORATED	000015231	09/25/25	25077	M21-210B2	\$4,380.00
	1				\$4,380.00
NATURE CARE	000015035	09/05/25	34572	LANDSCAPE MAINTENANCE	\$5,198.00
	000015091	09/11/25	35039	LANDSCAPE MAINTENANCE	\$5,198.00
	000015151	09/18/25	34164	LANDSCAPE MAINTENANCE	\$5,198.00
	3				\$15,594.00
NEWMeyer & DILLION, LLP	000015036	09/05/25	363056	LEGAL REPRESENTATION	\$59.00
		09/05/25	361899	LEGAL REPRESENTATION	\$1,200.00
		09/05/25	363975	LEGAL REPRESENTATION	\$1,800.00
	1				\$3,059.00
NTH GENERATION COMPUTING INC.	000015037	09/05/25	46440TM5	TIME AND MATERIAL SERVICES	\$7,634.00
	1				\$7,634.00
O'NEIL STORAGE #0481	000015095	09/11/25	2507038	STORAGE FEES	\$176.90
	000015233	09/25/25	2508038	STORAGE SERVICES	\$251.78
	2				\$428.68
ORANGE COUNTY HEALTH CARE AGENCY	000015063	09/05/25	IN2769319	PLACENTIA AVE	\$406.00
		09/05/25	IN2769417	WELL 3	\$1,592.00

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount	
ORANGE COUNTY HEALTH CARE AGENCY	000015063	09/05/25	IN2769664	WELL 5	\$1,592.00	
		09/05/25	IN2769105	WELL 3	\$618.00	
		09/05/25	IN2769221	WELL 7	\$618.00	
		09/05/25	IN2769224	PLACENTIA AVE	\$406.00	
		09/05/25	IN2769728	WELL 9	\$1,592.00	
		09/05/25	IN2769741	RESERVOIR 2	\$551.00	
		09/05/25	IN2769747	GISLER AVE	\$551.00	
		09/05/25	IN2769812	WELL 1	\$1,592.00	
		09/05/25	IN2769814	WELL 7	\$1,592.00	
		09/05/25	IN2769993	WELL 5	\$339.00	
		09/05/25	IN2769330	WELL 5	\$381.00	
		09/05/25	IN2769374	RESOVOIR 2	\$381.00	
		09/05/25	IN2769314	WELL 9	\$618.00	
		09/05/25	IN2769402	PLACENTIA AVE	\$387.00	
		09/05/25	IN2769495	RESERVOIR 2	\$339.00	
		09/05/25	IN2769765	GISLER AVE	\$1,592.00	
		09/05/25	IN2769940	PLACENTIA AVE	\$585.00	
		09/05/25	IN2769994	WELL 5	\$551.00	
		000015117	09/11/25	IN2778116	WELL 14	\$618.00
			09/11/25	IN2779180	WELL 12	\$551.00
	09/11/25		IN2778139	WELL 14	\$1,592.00	
	09/11/25		IN2769131	WELL 1	\$618.00	
	09/11/25		IN2778851	WELL 12	\$1,659.00	
	2		\$21,321.00			
	ORANGE COUNTY TREASURER - TAX COLLECTOR	000015094	09/11/25	STCS003552	BILLING THROUGH 7.1.25-9.30.25	\$684.19
		1		\$684.19		
PACIFIC SIGN CENTER CORP.	000015153	09/18/25	3608	PLAQUE EXPENSES	\$4,472.11	
	1		\$4,472.11			
PETE'S ROAD SERVICE	000015039	09/05/25	25-0861280-00	VEHICLE SERVICES	\$461.83	
		09/05/25	25-0862335-00	VEHICLE SERVICES	\$188.54	
	1		\$650.37			
PRUDENTIAL OVERALL SUPPLY	000015097	09/11/25	63032971	TEXTILE SERVICES	\$450.57	
	000015236	09/25/25	63036469	UNIFORM AND TEXTILE RENTALS	\$522.73	

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
PRUDENTIAL OVERALL SUPPLY	000015236	09/25/25	63034714	UNIFORM AND TEXTILE RENTALS	\$491.60
	2				\$1,464.90
QUADIENT FINANCE USA, INC	000015100	09/11/25	80773751JUL25	POSTAGE	\$62.63
	000015245	09/25/25	80773751AUG25	POSTAGE	\$549.00
	2				\$611.63
RAFTELIS FINANCIAL CONSULTANTS	000015237	09/25/25	41460	CFO SEARCH	\$15,362.80
	1				\$15,362.80
RED WING BUSINESS ADVANTAGE ACCT	000015040	09/05/25	20250828009986	WORK BOOTS	\$731.49
	000015155	09/18/25	20250911009986	SAFETY BOOTS	\$400.00
	2				\$1,131.49
RELIABLE WATER SOLUTIONS	000015066	09/11/25	902585V2	WELL MAINTENANCE	\$47,485.00
	1				\$47,485.00
SCI CONSULTING GROUP	000015239	09/25/25	SBS11990	CAPITAL CHARGE SUPPORT	\$14,909.74
	1				\$14,909.74
SECTRAN SECURITY INC	000015240	09/25/25	25091319	ARMORED CAR SERVICES	\$118.70
	1				\$118.70
SOUTHERN CALIFORNIA WATER COALITION	000015041	09/05/25	2100	Req: 8207	\$3,500.00
	1				\$3,500.00
SUNBELT RENTALS INC. DBA BAKER PARTY RENTALS	000015055	09/05/25	148628	EVENT RENTALS	\$1,018.42
	000015205	09/25/25	148966	EVENT RENTAL SERVICES	\$575.11
	2				\$1,593.53
T2 TECHNOLOGY GROUP, LLC	000015119	09/18/25	0040959	LABOR SUPPORT	\$115,903.50
		09/18/25	0040962	OFFICE 365 STORAGE	\$949.05
		09/18/25	0040968	ENGINEER PRJCT MGMT SERVICES	\$1,012.50
		09/18/25	0040980	AWS COST	\$4,000.00
		09/18/25	0040981	CORESTACK SUBSCRIPTION	\$269.30
		09/18/25	0040958	CIS SUPPORT SERVICES	\$2,954.00
		09/18/25	0040960	AWS SUBSCRIPTION AUGUST	\$12,000.00

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
T2 TECHNOLOGY GROUP, LLC	000015119	09/18/25	0040961	OFFICE 365 SUBSCRIPTION	\$4,590.26
		09/18/25	0040963	WEB SECURITY SERVICES	\$86.78
		09/18/25	0040973	NETWORK AND SAAS MGMT	\$578.60
	1				\$142,343.99
TAYLOR'S	000015045	09/05/25	TAYLOR'S INV - 3646	HITCH INSTALL	\$662.76
		09/05/25	TAYLOR'S INV - 3645	HITCH INSTALL	\$662.76
	1				\$1,325.52
THE CERTIF-A-GIFT COMPANY	000015017	09/05/25	1910274	SERVICE AWARDS	\$62.53
	1				\$62.53
THE COCO GALLERY	000015127	09/18/25	INV-000106	PHOTOGRAPHY SERVICES	\$350.00
	1				\$350.00
THEODORE ROBINS FORD	000015046	09/05/25	C28608	FLEET MAINTENANCE	\$95.00
		09/05/25	C28612	FLEET MAINTENANCE	\$95.00
		09/05/25	C28633	FLEET MAINTENANCE	\$95.00
		09/05/25	C28605	FLEET MAINTENANCE	\$95.00
		09/05/25	C28606	FLEET MAINTENANCE	\$95.00
		09/05/25	C28645	FLEET MAINTENANCE	\$95.00
		09/05/25	C28648	FLEET MAINTENANCE	\$95.00
		09/05/25	C28650	FLEET MAINTENANCE	\$95.00
		09/05/25	C28878	FLEET MAINTENANCE	\$2,292.03
		09/05/25	C28614	FLEET MAINTENANCE	\$95.00
		09/05/25	C28618	FLEET MAINTENANCE	\$95.00
		09/05/25	C28607	FLEET MAINTENANCE	\$95.00
		09/05/25	C28609	FLEET MAINTENANCE	\$95.00

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
THEODORE ROBINS FORD	000015046	09/05/25	C28621	FLEET MAINTENANCE	\$95.00
		09/05/25	C28634	FLEET MAINTENANCE	\$95.00
	000015157	09/18/25	C28646	FLEET MAINTENANCE	\$95.00
		09/18/25	C27135	FLEET MAINTENANCE	\$344.65
		09/18/25	C27565	FLEET MAINTENANCE	\$1,864.10
		09/18/25	C28611	FLEET MAINTENANCE	\$95.00
		09/18/25	C28617	FLEET MAINTENANCE	\$95.00
		09/18/25	C28616	FLEET MAINTENANCE	\$95.00
		09/18/25	C28619	FLEET MAINTENANCE	\$95.00
		09/18/25	C28705	FLEET MAINTENANCE	\$187.50
	000015244	09/25/25	C29283	FLEET MAINTENANCE	\$709.67
	3				\$7,202.95
TIME WARNER CABLE	000015047	09/05/25	120198601080125	7.1.25 - 7.31.25	\$2,451.82
		09/05/25	188885601081425	8.19.25 - 9.18.25	\$2,248.00
		09/05/25	187895801080125	8.3.25 - 9.2.25	\$369.46
	000015158	09/18/25	120198601090125	8.1.25 - 8.31.25	\$2,451.82
		09/18/25	187895801090125	9.3.25 - 10.02.25	\$369.46
	2				\$7,890.56
TK ELEVATOR	000015099	09/11/25	3008837916	ELEVATOR MAINTENANCE	\$3,016.48
	1				\$3,016.48
ULINE	000015246	09/25/25	198127286	PARTS AND SUPPLIES	\$1,116.68
		09/25/25	198127287	PARTS AND SUPPLIES	\$188.56
	1				\$1,305.24
UNIVERSAL WASTE SYSTEMS, INC	000015051	09/05/25	0004098731	DISPOSAL SERVICES	\$166.21
	1				\$166.21

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
UNUM	000015160	09/18/25	0420560-0016OCT25	10.1.25 - 10.30.25	\$5,401.73
	1				\$5,401.73
VAN SCOYOC ASSOCIATES	000015161	09/18/25	82897	GOVERNMENT ADVOCACY CONSULT	\$11,000.00
	1				\$11,000.00
VARIABLE SPEED SOLUTIONS, INC	000015105	09/11/25	0000026432	CAPICATOR FOR WELL 9	\$4,565.00
		09/11/25	0000026439	ELECTRICAL SERVICES	\$1,510.00
		09/11/25	0000026431	TUNING REACTOR	\$6,345.00
	1				\$12,420.00
VERIZON COMMUNICATIONS INC.	000015106	09/11/25	131000005101	DASHCAM & GPS SERVICES	\$1,501.15
	1				\$1,501.15
VERIZON WIRELESS	000015014	09/05/25	6103767679	12.7.24 - 1.16.25	\$2,652.68
		09/05/25	6108693363	2.17.25 - 3.16.25	\$2,573.00
		09/05/25	9966799009	5.17.24 - 6.16.24	\$2,432.53
		09/05/25	9971641232	7.17.24 - 8.16.24	\$2,441.00
		09/05/25	9976476926	9.17.24 - 10.16.24	\$2,230.78
		09/05/25	6118715972	6.17.25 - 7.16.25	\$2,569.77
		09/05/25	6121220120	7.17.25 - 8.16.25	\$2,493.79
		09/05/25	9964342291	4.17.24 - 5.16.24	\$2,428.13
		09/05/25	6106215588	1.17.25 - 2.16.25	\$2,584.98
		09/05/25	6111189637	3.17.25 - 4.16.25	\$2,576.14
		09/05/25	6113692210	4.17.25 - 5.16.25	\$2,573.01
		09/05/25	6116201947	5.17.25 - 6.16.25	\$2,578.38
		09/05/25	9978910146	10.17.24 - 11.16.24	\$2,318.47
		09/05/25	6101325284	11.17.24 - 12.16.24	\$3,351.10
		09/05/25	9969230499	6.17.24 - 7.16.24	\$2,434.76
		09/05/25	9974045553	8.17.24 - 9.16.24	\$2,477.29
	000015162	09/18/25	6119144655	6.22.25 - 7.21.25	\$1,430.32
		09/18/25	6121643373	7.22.25 - 8.21.25	\$1,420.32
	2				\$43,566.45
VONAGE HOLDINGS CORPORATION	000015163	09/18/25	2364404	9.1.25 - 9.30.25	\$13,029.36
	1				\$13,029.36
WASTE MANAGEMENT OF OC	000015108	09/11/25	0488787-2884-8	WASTE SERVICES	\$1,890.19

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
	1				\$1,890.19
WAXIE SANITARY SUPPLY	000015052	09/05/25	83450644	CONSUMABLES	\$736.90
	1				\$736.90
WESTERN EXTERMINATOR COMPANY	000015053	09/05/25	81307501	EXTERMINATOR SERVICES	\$141.57
	000015250	09/25/25	82646993	PEST CONTROL	\$141.57
		09/25/25	82646994	PEST CONTROL	\$141.96
	2				\$425.10
YARDLEY ORGILL CO INC. DBA YO FIRE	000015164	09/18/25	1034421	PARTS & SUPPLIES	\$626.16
	1				\$626.16
YORKE ENGINEERING, LLC	000015251	09/25/25	45996	AIR QUALITY SUPPORT SERVICES	\$458.00
	1				\$458.00
ZAYO GROUP LLC	000015165	09/18/25	2025090035347	CIRCUIT AWS - PLACENTIA	\$2,387.12
	1				\$2,387.12
Total GENERAL AND ADMINISTRATIVE	125				\$824,731.81
PROJECT REFUNDS					
AIRCARE HEATING & AIR CONDITIONING	000015188	09/18/25	C0465-24-01R	Req: 8275	\$16.26
	1				\$16.26
AMI DUCOING C/O DUCOING ENTERP. INC.	000015195	09/18/25	C0341-23-01R	Req: 8255	\$2,496.36
	1				\$2,496.36
ANDREW NGUYEN	000015197	09/18/25	C0563-25-01R	Req: 8203	\$3,738.03
	1				\$3,738.03
ARYA LLC	000015192	09/18/25	C0534-24-01R	Req: 8259	\$716.99
	1				\$716.99
BYE BYE HOUSE INC	000015189	09/18/25	C0561-25-01R	Req: 8266	\$477.25
	1				\$477.25
CAMERON BROWN	000015179	09/18/25	C0498-24-01R	Req: 8197	\$5,141.69
	1				\$5,141.69
CHICK FIL A INC.	000015183	09/18/25	C0468-24-01R	Req: 8193	\$3,828.93
	1				\$3,828.93
CRAIG P BARKER	000015191	09/18/25	C0544-25-01R	Req: 8260	\$974.70
	1				\$974.70

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
DAVID MARIN PEREZ	000015182	09/18/25	C0480-24-01R	Req: 8194	\$2,038.85
	1				\$2,038.85
DRAKE CONSTRUCTION INC.	000015181	09/18/25	C0483-24-01R	Req: 8195	\$719.30
	1				\$719.30
EMILY WEBB HOGAN	000015173	09/18/25	C0570-25-01R	Req: 8212	\$389.58
	1				\$389.58
EMPRESSA CONSTRUCTION	000015174	09/18/25	C0565-25-01	Req: 8210	\$535.48
	1				\$535.48
HARKUSH LLC	000015171	09/18/25	C0592-25-01	Req: 8214	\$761.07
	000015172	09/18/25	C0587-25-01	Req: 8213	\$772.98
	2				\$1,534.05
JAMES JOHN CEFALIA	000015196	09/18/25	C0250-22-01R	Req: 8254	\$2,632.55
	1				\$2,632.55
JASON RICHART	000015193	09/18/25	C0433-24-01R	Req: 8257	\$483.25
	1				\$483.25
JULIAN TOOMA	000015185	09/18/25	C0455-24-01R	Req: 8190	\$1,733.31
	1				\$1,733.31
MATILDE E GAYTAN HERRERA	000015178	09/18/25	C0517-24-01R	Req: 8198	\$1,643.64
	1				\$1,643.64
NANCY ROSS	000015168	09/18/25	C0428-24-01R	Req: 8220	\$530.55
	1				\$530.55
NATHAN B LEVOIT	000015177	09/18/25	C0539-25-01R	Req: 8200	\$1,471.54
	1				\$1,471.54
NEW DAWN CAPITAL INVESTMENTS INC.	000015176	09/18/25	C0553-25-01R	Req: 8201	\$912.92
	1				\$912.92
NICHOLAS THOMPSON	000015190	09/18/25	C0545-25-01R	Req: 8262	\$753.10
	1				\$753.10
ORANGE PROPERTIES OF CALIFORNIA LLC	000015175	09/18/25	C0558-25-01R	Req: 8202	\$22.87
	1				\$22.87
PACIFIC LEGACY REAL ESTATE	000015184	09/18/25	C0461-24-01R	Req: 8191	\$560.18
	1				\$560.18
PEIRIS FAMILY REVOCABLE LIVING TRUST	000015169	09/18/25	C0396-23-01R	Req: 8219	\$2,476.67
	1				\$2,476.67

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
RFTT LLC.	000015170	09/18/25	C0239-22-01R	Req: 8217	\$3,476.24
	1				\$3,476.24
SAFEWORK, INC.	000015186	09/18/25	C0525-24-01R	Req: 8279	\$356.92
	1				\$356.92
STERLING CENTER DRIVE LLC	000015194	09/18/25	C0394-23-01R	Req: 8256	\$9,861.26
	1				\$9,861.26
THE WILLIAMSON LIVING TRUST	000015187	09/18/25	C0521-24-01R	Req: 8277	\$123.43
	1				\$123.43
TRANG NGUYEN	000015167	09/18/25	C0404-23-01R	Req: 8285	\$4,361.41
	1				\$4,361.41
WILLIAM VISCOME	000015180	09/18/25	C0496-24-01R	Req: 8196	\$2,015.43
	1				\$2,015.43
XAVIER B SCHIRLIN MICHELLE S	000015166	09/18/25	C0362-23-01R	Req: 8283	\$322.80
	1				\$322.80
Total PROJECT REFUNDS	32				\$56,345.54
RETIREE CHECKS					
COLEEN L MONTELEONE	000015115	09/11/25	09082025	MONTHLY STIPEND	\$34.00
	1				\$34.00
DIANA LEACH	000015116	09/11/25	09082025	MONTHLY STIPEND	\$268.53
	1				\$268.53
Total RETIREE CHECKS	2				\$302.53
VARIOUS					
AMAZON BUSINESS	000015058	09/05/25	1C7J-LQ4V-CDXJ	OFFICE SUPPLIES	\$67.83
		09/05/25	11QQ-CVF9-C6KY	OFFICE SUPPLIES	\$114.24
		09/05/25	13GH-T33K-KY6D	OFFICE SUPPLIES	\$863.77
		09/05/25	1W34-JK1Y-HR7P	OFFICE SUPPLIES	\$31.35
		09/05/25	1YNF-T1F7-P197	IT SUPPLIES	\$17.39
		09/05/25	1DH1-HJ44-PPPX	OFFICE SUPPLIES	\$182.17
		09/05/25	1PT1-4QF6-CCFN	IT SUPPLIES	\$13.25
	000015113	09/11/25	149W-XPQY-FJQ4	OFFICE SUPPLIES	\$65.61
		09/11/25	139J-PYXN-7KJK	OFFICE SUPPLIES	\$753.76

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
AMAZON BUSINESS	000015113	09/11/25	1LRM-7GK9-CVPP	OFFICE SUPPLIES	\$32.72
		09/11/25	1M9X-H16P-7D4L	OPERATION SUPPLIES	\$247.05
		09/11/25	14GC-DQ1N-D9L4	OFFICE SUPPLIES	\$32.66
	000015120	09/18/25	1MDK-G96Y-G7GK	OFFICE SUPPLIES	\$24.99
		09/18/25	14JN-X46H-1P31	OPERATION SUPPLIES	\$750.92
		09/18/25	14LK-LFNY-Y46D	OFFICE SUPPLIES	\$146.59
		09/18/25	1XMV-H1CV-7XQ7	OFFICE SUPPLIES	\$48.48
		09/18/25	1NJD-YQ6Q-7QFV	IT SUPPLIES	\$18.31
		09/18/25	1NY3-Q7DR-M7J6	OFFICE SUPPLIES	\$186.90
		09/18/25	13W4-RVDT-1YTR	OPERATION SUPPLIES	\$152.17
	000015204	09/25/25	1MKT-GF79-HNC1	OFFICE SUPPLIES	\$11.65
		09/25/25	1TG9-YJXK-VXKT	OFFICE SUPPLIES	\$88.98
		09/25/25	1DR1-W31C-CLMV	OFFICE SUPPLIES	\$82.19
		09/25/25	1KL7-KJPY-7FNH	OFFICE SUPPLIES	\$45.18
	4				\$3,978.16
AT&T	000015060	09/05/25	33926307798709JAU 9JAU25	33926307798709JAU G25	\$1,522.24
	000015122	09/18/25	33926307798709JSE 9JSE25	33926307798709JSE P25	\$1,522.24
	2				\$3,044.48
DION & SONS, INC	000015022	09/05/25	850642	FUEL	\$10,229.97
		09/05/25	850702	FUEL	\$3,556.43
	1				\$13,786.40
DUCKS UNLIMITED	000015132	09/18/25	181	Req: 8241	\$1,300.00
	1				\$1,300.00
EMISSION COMPLIANT CONTROLS CORP	000015074	09/11/25	PSO6625	WELL 5 ENGINE MAINTENANCE	\$4,239.22
	000015213	09/25/25	PSO6631	AS NEED REPAIR RES#2	\$2,890.19

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
EMISSION COMPLIANT CONTROLS CORP	000015213	09/25/25	PS06632	AS NEEDED REPAIR RES #2	\$1,050.00
		09/25/25	PS06629	AS NEEDED REPAIR RES #2	\$9,088.30
	2				\$17,267.71
FEDERAL EXPRESS CORPORATION	000015077	09/11/25	8-961-83580	COURIER SERVICES	\$181.50
		09/11/25	8-970-05225	COURIER SERVICES	\$223.30
		09/11/25	8-933-85961	COURIER SERVICES	\$422.27
		09/11/25	8-941-12258	COURIER SERVICES	\$47.72
		09/11/25	9-701-14441	COURIER SERVICES	\$17.58
		09/11/25	8-947-56496	COURIER SERVICES	\$278.48
		09/11/25	8-979-64115	COURIER SERVICES	\$178.44
	000015134	09/18/25	8-988-47737	COURIER SERVICES	\$169.53
	000015215	09/25/25	8-997-35470	COURIER SERVICES	\$233.30
	3				\$1,752.12
FLW, INC	000015136	09/18/25	1369415	PARTS & SUPPLIES	\$12,858.72
	1				\$12,858.72
GRAINGER	000015027	09/05/25	9601290894	MATERIALS AND SUPPLIES	\$4,926.41
		09/05/25	9624770203	MATERIALS AND SUPPLIES	\$471.44
	000015217	09/25/25	9644672702	BIKE RACK	\$362.15
	2				\$5,760.00
HACH COMPANY	000015139	09/18/25	14664826	PARTS & SUPPLIES	\$302.94
	000015218	09/25/25	14666120	CHEMICAL SUPPLIES	\$3,294.98
	2				\$3,597.92
HELPMATES STAFFING SERVICES	000015028	09/05/25	1017000	TEMP LABOR	\$1,496.87
	000015081	09/11/25	1018342	TEMP HELP	\$1,640.40
		09/11/25	1017668	TEMP LABOR	\$1,640.40
	000015140	09/18/25	1019091	TEMP LABOR	\$1,312.32
	000015220	09/25/25	1020244	TEMP LABOR	\$1,640.40
	4				\$7,730.39
ORANGE COUNTY HOSE CO	000015093	09/11/25	165731	PARTS & SUPPLIES	\$126.06
	1				\$126.06
ORANGE COUNTY WATER DISTRICT	000015253	09/30/25	FY25-BEA	BASIN EQUITY ASSESS FY25	\$406.77
	1				\$406.77

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
SHERWIN WILLIAMS COMPANY	000015241	09/25/25	2794-1	PAINT SUPPLIES	\$381.65
	1				\$381.65
THE HOME DEPOT COMMERCIAL ACCT	000015221	09/25/25	6.27.25	JUNE STATEMENT	\$4,379.08
		09/25/25	7.28.25	JULY STATEMENT	\$1,941.83
	1				\$6,320.91
TYCO/ JOHNSON CONTROLS	000015048	09/05/25	41624687A	SECURTIY SERVICES	\$4,845.88
		09/05/25	41623707	SECURITY SERVICES	\$20.83
	000015101	09/11/25	10531161	SECURITY SERVICES	\$12,887.43
	2				\$17,754.14
UNITED INTERIORS	000015103	09/11/25	7353	OFFICE CHAIR	\$1,103.90
	1				\$1,103.90
Total VARIOUS	29				\$97,169.33
WATER SUPPLY					
AIRGAS USA LLC	000015112	09/11/25	5519134452	CYLINDER RENTAL & EPA MIXTURE	\$116.31
	1				\$116.31
LINDE INC.	000015096	09/11/25	51878181	CHEMICAL SUPPLIES	\$3,771.25
		09/11/25	51877098	CHEMICAL SUPPLIES	\$6,219.90
	000015154	09/18/25	52029346	CHEMICAL SUPPLIES	\$724.72
		09/18/25	52045244	CHEMICAL SUPPLIES	\$6,683.93
	000015235	09/25/25	52114499	CHEMICAL SUPPLIES	\$6,714.15
	3				\$24,113.95
MUNICIPAL WATER DISTRICT OF OC	000015012	09/05/25	17875	WATER LOSS SERVICES	\$48,200.00
	000015090	09/11/25	3203	JULY INSPECTIONS	\$876.00
		09/11/25	17853	CHOICE PROGRAM 2025-2026	\$39,100.59
	000015150	09/18/25	11892	AUGUST READINESS TO SERVE	\$178.59
	000015228	09/25/25	3217	AUGUST INSPECTIONS	\$2,188.60
	4				\$90,543.78
NALCO COMPANY, LLC	000015229	09/25/25	6660387807	MATERIALS AND SUPPLIES	\$656.70
	1				\$656.70
PACIFIC HYDROTECH CORPORATION	000015013	09/05/25	14-C2320	M21-210B2	\$307,135.00
	1				\$307,135.00

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
PACIFIC STAR CHEMICAL DBA NORTHSTAR CHEMICAL	000015092	09/11/25	320291	CHEMICAL SUPPLIES	\$4,567.06
		09/11/25	319598	CHEMICAL SUPPLIES	\$3,322.67
		09/11/25	321064	CHEMICAL SUPPLIES	\$2,728.06
		09/11/25	321065	CHEMICAL SUPPLIES	\$4,818.76
	000015152	09/18/25	321066	CHEMICAL SUPPLIES	\$12,020.51
		09/18/25	321591	CHEMICAL SUPPLIES	\$8,776.88
		09/18/25	321588	CHEMICAL SUPPLIES	\$8,220.72
		09/18/25	321042	CHEMICAL SUPPLIES	\$4,065.82
		09/18/25	321589	CHEMICAL SUPPLIES	\$1,278.78
		09/18/25	321590	CHEMICAL SUPPLIES	\$933.71
	000015232	09/25/25	322154	CHEMICAL SUPPLIES	\$5,029.86
		09/25/25	322156	CHEMICAL SUPPLIES	\$4,096.42
	3				
Total WATER SUPPLY	13				\$482,424.99
WATER SYSTEM					
BADGER METER INC.	000015056	09/05/25	1751996	MATERIALS AND SUPPLIES	\$30,738.50
		09/05/25	80209393	CELLULAR ENDPOINTS	\$2,482.85
	000015118	09/18/25	1743249	MATERIALS & SUPPLIES	\$65,180.94
	2				
BEACH CITY LIFT INC.	000015206	09/25/25	ST456	FORKLIFT MAINTENANCE	\$2,414.83
	1				
EWLES MATERIALS INC	000015025	09/05/25	519883	MATERIALS AND SUPPLIES	\$1,400.00
	000015076	09/11/25	518077	MATERIALS & SUPPLIES	\$700.00
	000015214	09/25/25	520681	MATERIALS AND SUPPLIES	\$1,050.00
	3				
FERGUSON WATERWORKS	000015026	09/05/25	0049251-2	MATERIALS AND SUPPLIES	\$4,154.68
		09/05/25	0053570-2	MATERIALS AND SUPPLIES	\$1,132.28
	000015078	09/11/25	0058282	MATERIALS & SUPPLIES	\$24,863.31
	000015135	09/18/25	0045377-1	PARTS & SUPPLIES	\$651.19

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
FERGUSON WATERWORKS	000015135	09/18/25	0045764-3	PARTS & MATERIALS	\$561.52
		09/18/25	0058384	PARTS & MATERIALS	\$24,683.52
	3				\$56,046.50
HUBBELL LENOIR CITY, INC.	000015082	09/11/25	445475396	MATERIALS & SUPPLIES	\$25,986.07
	1				\$25,986.07
LARRY'S BUILDING MATERIALS	000015224	09/25/25	SA-24917	MATERIALS AND SUPPLIES	\$84.29
		09/25/25	SA-24997	MATERIALS AND SUPPLIES	\$45.83
	1				\$130.12
LINDE GAS & EQUIPMENT INC.	000015234	09/25/25	50992237	MATERIALS AND SUPPLIES	\$374.56
		09/25/25	51922605	MATERIALS AND SUPPLIES	\$572.89
		09/25/25	51603953	MATERIALS AND SUPPLIES	\$385.75
	1				\$1,333.20
UNDERGROUND SERVICE ALERT/SC	000015050	09/05/25	25-260648	EXCAVATION SERVICES	\$219.18
		09/05/25	820250449	EXCAVATION SERVICES	\$744.00
	1				\$963.18
UNITED RENTALS	000015104	09/11/25	252155978-001	PARTS & MATERIALS	\$347.12
	000015248	09/25/25	253009488-001	PARTS AND MATERIALS	\$324.10
		09/25/25	252752369-001	PARTS AND MATERIALS	\$349.48
		09/25/25	253005123-002	PARTS AND MATERIALS	\$312.54
	2				\$1,333.24
VULCAN MATERIALS	000015107	09/11/25	4142524	MATERIALS AND SUPPLIES	\$592.27
		09/11/25	4236589	MATERIALS & SUPPLIES	\$481.10
		09/11/25	4352682	MATERIALS & SUPPLIES	\$240.35
		09/11/25	4315801	MATERIALS & SUPPLIES	\$585.32
		09/11/25	4352293	MATERIALS & SUPPLIES	\$302.76

Payment Listing by Class

9/1/2025 - 9/30/2025

Vendor Name	Check #/Count	Payment Date	Invoice Number	Invoice Description	Payment Amount
VULCAN MATERIALS	000015249	09/25/25	4507781	MATERIALS AND SUPPLIES	\$589.96
		09/25/25	4534888	MATERIALS AND SUPPLIES	\$360.66
		09/25/25	4301851	MATERIALS AND SUPPLIES	\$300.44
		09/25/25	4481515	MATERIALS AND SUPPLIES	\$301.60
	2				\$3,754.46
WEST COAST SAND & GRAVEL	000015109	09/11/25	877569	MATERIALS & SUPPLIES	\$579.75
	1				\$579.75
Total WATER SYSTEM	18				\$194,093.64
Total Payments (All)	267				\$3,877,577.68



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Anthony Phou, Controller
DATE: October 22, 2025
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 9/30/25
Attachment B: Monthly Treasurer's Status Report on Investments as of 8/31/25

Mesa Water District
Quarterly Treasurer's Report on Investments
As of 09/30/2025

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	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	4.21%	1,213.05	0.01%	No Limit	1,213.05	13.15	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	413	2.15%	2,483,000.00	15.94%	30.00%	2,466,409.57	15,639.82	
US Agency Bonds	Various	199	0.99%	6,048,773.23	38.67%	No Limit	5,981,501.15	12,971.50	
US Treasury Bonds	Various	2,513	0.74%	494,486.25	3.17%	No Limit	490,622.50	1,250.00	
Sub Total / Average		259	1.29%	9,026,259.48			8,938,533.22	29,861.32	
US Bank Custody Account	Liquid	1	3.73%	1,601,654.11	10.35%	No Limit	1,601,654.11	18,160.13	
Pacific Premier Bank	Liquid	1	1.25%	4,914,525.51	31.77%	No Limit	4,914,525.51	0.00	1,3
Total Average		150	1.53%	\$15,557,652.15	100.00%		\$15,469,925.89	\$48,034.60	

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	1.97%	7.04%	2,525,222.26	2,872,224.20
Pension Trust	1.97%	6.81%	13,599,699.72	15,843,569.61
Benchmark - BAAPX Index			16,124,921.98	18,715,793.81
1 Month 4.08 % 3 Month 6.97 % 1 YEAR 16.74 %				

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 | 1.59 %

Benchmark: 3 Month Treasury Bill - September | 4.07 %

Weighted Average Maturity | 0.40 Years

Days to Maturity | 150

Notes

- The interest or yield shown is for the current month net of fees.
- The interest rate (Yield to Maturity @Cost) shown is the guaranteed annual interest rate for the term of the investment.
- The rate shown is the Earnings Credit Rate. These earnings are applied against bank service charges; no actual monies are received.
- LAIF general ledger carrying value reflects market value (unrealized gains/losses) only at fiscal year end. LAIF only provides the market value participation factor quarterly. The June *Fair Value Factor is 1.001198310. The yield earned on the Treasurer's Reports does not reflect change in fair market value.
- 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.

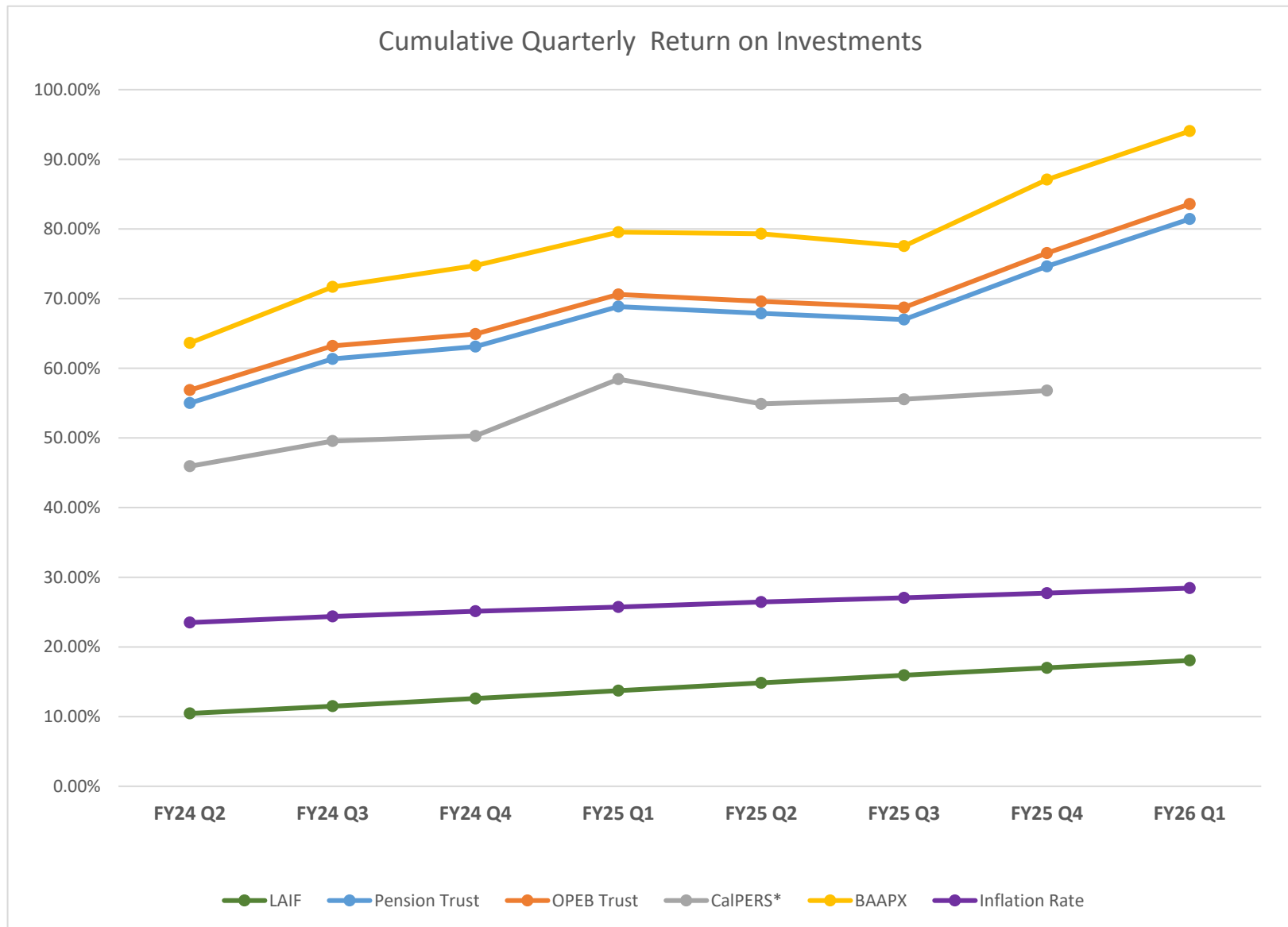
I certify that this report reflects the cash and investments of Mesa Water District and is in conformity with the Government Code requirements and the District Investment Policy/Guidelines in effect at the time of the investment.

Kurt B. Lind

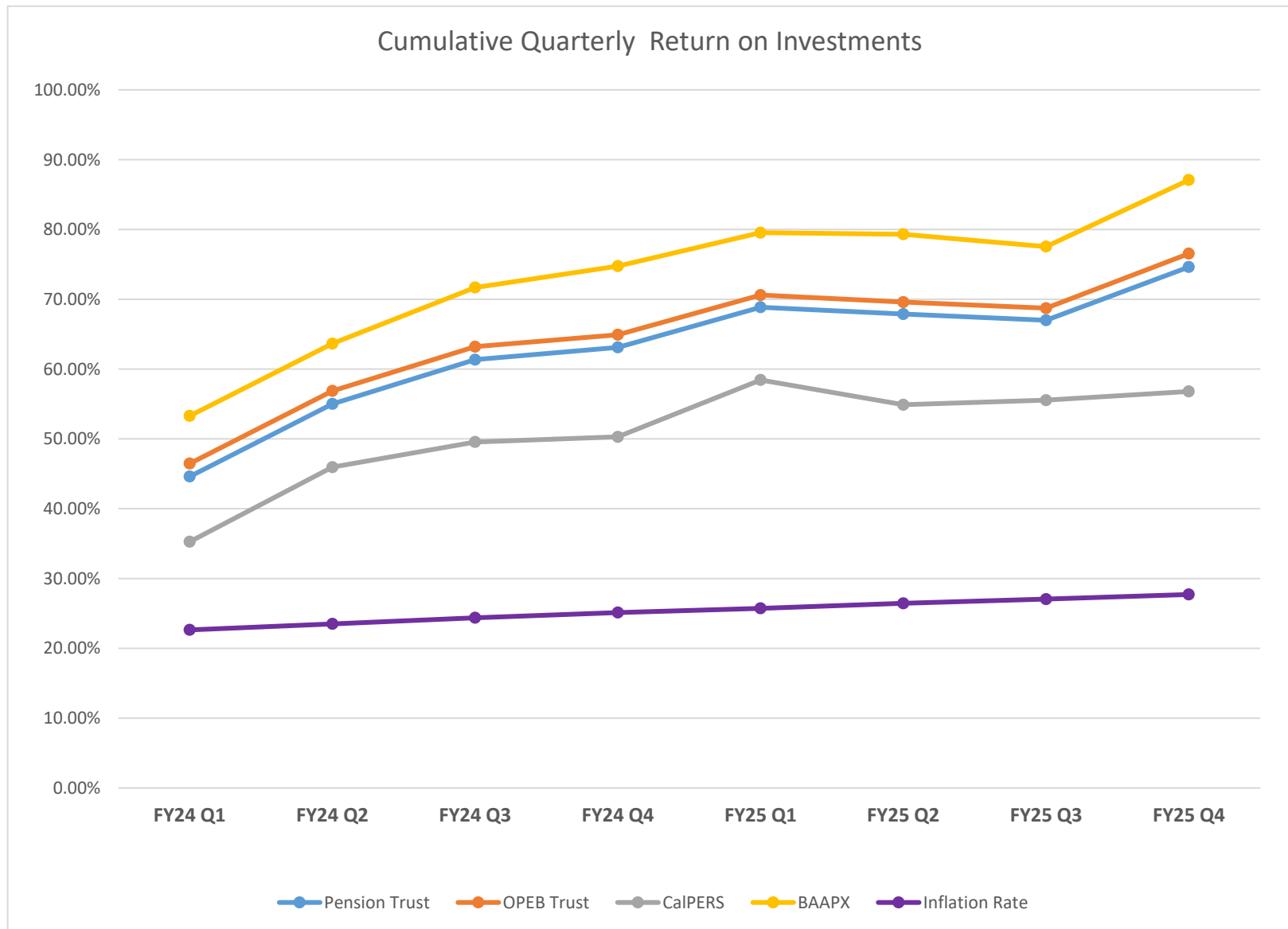
Kurt Lind, Assistant District Treasurer

*LAIF 09/30/2025 Fair Value Factor not available at reporting deadline; previous factor reported.

*PARS 09/30/2025 Rate of Return not available at reporting deadline; previous factor reported.



*** CalPERS FY26 Q1 data was unavailable at time of publishing.**



* CalPERS FY26 Q1 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: 06/30/2025, End Date: 09/30/2025

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	7/1/2025	2/10/2026	0.00	0.00	102.33	102.33
Discover Bank3.4 7/6/2027	254673L38	0.000	7/6/2025	7/6/2027	0.00	0.00	4,130.77	4,130.77
LAIF LGIP	LGIP0012	0.000	7/15/2025	N/A	0.00	0.00	13.15	13.15
Medallion Bank UT 0.6 7/15/2025	58404DHM6	0.000	7/15/2025	7/15/2025	0.00	0.00	122.79	122.79
Evergreen Bank IL 4 12/16/2026	300185LF0	0.000	7/16/2025	12/16/2026	0.00	0.00	818.63	818.63
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	0.000	7/18/2025	12/18/2025	0.00	0.00	122.79	122.79
UBS Bank UT 0.95 8/25/2026	90348JS50	0.000	7/25/2025	8/25/2026	0.00	0.00	194.42	194.42
FNMA 0.6 7/29/2025-22	3136G4D75	0.000	7/29/2025	7/29/2025	0.00	0.00	750.00	750.00
Toyota Financial Savings NV 0.95 7/29/2026	89235MLE9	0.000	7/29/2025	7/29/2026	0.00	0.00	1,168.32	1,168.32
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	0.000	7/30/2025	12/30/2027	0.00	0.00	988.60	988.60
Signature Federal CR 4.4 1/31/2028	82671DAB3	0.000	7/31/2025	1/31/2028	0.00	0.00	930.51	930.51
T-Note 0.625 7/31/2026	91282CCP4	0.000	7/31/2025	7/31/2026	0.00	0.00	781.25	781.25
T-Note 0.375 1/31/2026	91282CBH3	0.000	7/31/2025	1/31/2026	0.00	0.00	468.75	468.75
US Bank Custodian MM	MM65000	0.000	7/31/2025	N/A	0.00	0.00	8,602.78	8,602.78
Live Oak Banking NC 0.5 2/10/2026	538036NE0	0.000	8/1/2025	2/10/2026	0.00	0.00	105.74	105.74
FFCB 0.45 2/2/2026-23	3133EMPD8	0.000	8/2/2025	2/2/2026	0.00	0.00	675.00	675.00
FHLB 0.53 2/10/2026	3130AKWW2	0.000	8/10/2025	2/10/2026	0.00	0.00	821.50	821.50
FNMA 0.5 8/14/2025-23	3135G05S8	0.000	8/14/2025	8/14/2025	0.00	0.00	625.00	625.00
Evergreen Bank IL 4 12/16/2026	300185LF0	0.000	8/16/2025	12/16/2026	0.00	0.00	845.92	845.92
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	0.000	8/18/2025	12/18/2025	0.00	0.00	126.89	126.89
FHLB 0.625 2/24/2026-21	3130AL7M0	0.000	8/24/2025	2/24/2026	0.00	0.00	781.25	781.25
UBS Bank UT 0.95 8/25/2026	90348JS50	0.000	8/25/2025	8/25/2026	0.00	0.00	200.91	200.91
FNMA 0.375 8/25/2025	3135G05X7	0.000	8/25/2025	8/25/2025	0.00	0.00	468.75	468.75
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	0.000	8/30/2025	12/30/2027	0.00	0.00	1,021.56	1,021.56
Signature Federal CR 4.4 1/31/2028	82671DAB3	0.000	8/31/2025	1/31/2028	0.00	0.00	930.51	930.51
US Bank Custodian MM	MM65000	0.000	8/31/2025	N/A	0.00	0.00	8,602.78	8,602.78
Live Oak Banking NC 0.5 2/10/2026	538036NE0	0.000	9/1/2025	2/10/2026	0.00	0.00	105.74	105.74
FFCB 0.8 3/9/2026-23	3133EMSU7	0.000	9/9/2025	3/9/2026	0.00	0.00	1,000.00	1,000.00
FHLB 0.6 3/10/2026-21	3130ALFX7	0.000	9/10/2025	3/10/2026	0.00	0.00	750.00	750.00
FFCB 1.68 3/10/2027	3133ENRD4	0.000	9/10/2025	3/10/2027	0.00	0.00	2,100.00	2,100.00
FHLB 0.75 3/16/2026-21	3130ALF33	0.000	9/16/2025	3/16/2026	0.00	0.00	937.50	937.50
Evergreen Bank IL 4 12/16/2026	300185LF0	0.000	9/16/2025	12/16/2026	0.00	0.00	845.92	845.92

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	0.000	9/18/2025	12/18/2025	0.00	0.00	126.89	126.89
UBS Bank UT 0.95 8/25/2026	90348JS50	0.000	9/25/2025	8/25/2026	0.00	0.00	200.91	200.91
BMW Bank UT 0.5 9/25/2025	05580AXF6	0.000	9/25/2025	9/25/2025	0.00	0.00	627.62	627.62
FFCB 0.94 9/28/2026-22	3133EM6E7	0.000	9/28/2025	9/28/2026	0.00	0.00	1,175.00	1,175.00
FFCB 0.53 9/29/2025-21	3133EMBH4	0.000	9/29/2025	9/29/2025	0.00	0.00	1,325.00	1,325.00
Signature Federal CR 4.4 1/31/2028	82671DAB3	0.000	9/30/2025	1/31/2028	0.00	0.00	900.49	900.49
FHLMC 0.4 9/30/2025-21	3134GWVP8	0.000	9/30/2025	9/30/2025	0.00	0.00	500.00	500.00
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	0.000	9/30/2025	12/30/2027	0.00	0.00	1,021.56	1,021.56
FHLB 0.85 3/30/2026-21	3130ANY79	0.000	9/30/2025	3/30/2026	0.00	0.00	1,062.50	1,062.50
US Bank Custodian MM	MM65000	0.000	9/30/2025	N/A	0.00	0.00	954.57	954.57
Sub Total / Average Interest					0.00	0.00	48,034.60	48,034.60

Matured

Medallion Bank UT 0.6 7/15/2025	58404DHM6	0.000	7/15/2025	7/15/2025	249,000.00	249,000.00	0.00	249,000.00
FNMA 0.6 7/29/2025-22	3136G4D75	0.000	7/29/2025	7/29/2025	250,000.00	250,000.00	0.00	250,000.00
FNMA 0.5 8/14/2025-23	3135G05S8	0.000	8/14/2025	8/14/2025	250,000.00	250,000.00	0.00	250,000.00
FNMA 0.375 8/25/2025	3135G05X7	0.000	8/25/2025	8/25/2025	250,000.00	250,000.00	0.00	250,000.00
BMW Bank UT 0.5 9/25/2025	05580AXF6	0.000	9/25/2025	9/25/2025	249,000.00	249,000.00	0.00	249,000.00
FFCB 0.53 9/29/2025-21	3133EMBH4	0.000	9/29/2025	9/29/2025	500,000.00	500,000.00	0.00	500,000.00
FHLMC 0.4 9/30/2025-21	3134GWVP8	0.000	9/30/2025	9/30/2025	250,000.00	250,000.00	0.00	250,000.00
Sub Total / Average Matured					1,998,000.00	1,998,000.00	0.00	1,998,000.00

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 9/30/2025

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	4.212	1,213.05	1,213.05	1,213.05	N/A	1	0.01
Sub Total / Average 01. LAIF Policy - 75M Per Account			4.212	1,213.05	1,213.05	1,213.05		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	0.09
Sub Total / Average 03. Miscellaneous Cash (Petty Emergency)			0.000	14,000.00	14,000.00	14,000.00		1	0.09
04. Negotiable CD30%									
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	12/18/2020	0.600	249,000.00	249,000.00	247,112.58	12/18/2025	79	1.60
JPMorgan Chase OH 0.5 12/29/2025-21	48128UUZ0	12/29/2020	0.500	249,000.00	249,000.00	246,781.41	12/29/2025	90	1.60
Live Oak Banking NC 0.5 2/10/2026	538036NE0	2/10/2021	0.500	249,000.00	249,000.00	245,867.58	2/10/2026	133	1.59
Toyota Financial Savings NV 0.95 7/29/2026	89235MLE9	7/29/2021	0.950	248,000.00	248,000.00	242,181.92	7/29/2026	302	1.57
UBS Bank UT 0.95 8/25/2026	90348JS50	8/25/2021	0.950	249,000.00	249,000.00	242,715.24	8/25/2026	329	1.57
Capital One Bank VA 1.1 11/17/2026	14042TDW4	11/17/2021	1.100	248,000.00	248,000.00	240,706.32	11/17/2026	413	1.56
Evergreen Bank IL 4 12/16/2026	300185LF0	12/16/2022	4.000	249,000.00	249,000.00	249,727.08	12/16/2026	442	1.61
Discover Bank3.4 7/6/2027	254673L38	7/6/2022	3.400	245,000.00	245,000.00	243,728.45	7/6/2027	644	1.58
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	12/30/2022	4.850	248,000.00	248,000.00	254,418.24	12/30/2027	821	1.64
Signature Federal CR 4.4 1/31/2028	82671DAB3	1/31/2023	4.400	249,000.00	249,000.00	253,170.75	1/31/2028	853	1.64
Sub Total / Average 04. Negotiable CD30%			2.147	2,483,000.00	2,483,000.00	2,466,409.57		413	15.94
05. US Agency - No Limit									
FHLMC 0.65 10/27/2025-21	3134GW5R3	5/25/2021	0.650	375,000.00	375,000.00	374,043.75	10/27/2025	27	2.42
FHLMC 0.45 10/29/2025-21	3134GW3J3	4/22/2021	0.608	250,000.00	248,237.50	249,292.50	10/29/2025	29	1.61
FNMA 0.54 11/3/2025-22	3135GA2G5	10/30/2020	0.459	500,000.00	501,999.50	498,370.00	11/3/2025	34	3.22
FNMA 0.56 11/17/2025-22	3135GA2Z3	11/17/2020	0.540	325,000.00	325,322.73	323,531.00	11/17/2025	48	2.09
FNMA 0.58 11/25/2025-22	3135GA5E7	11/30/2020	0.499	250,000.00	250,983.75	248,680.00	11/25/2025	56	1.61
FFCB 0.47 12/22/2025-22	3133EMLC4	12/22/2020	0.410	250,000.00	250,747.00	247,987.50	12/22/2025	83	1.60
FFCB 0.45 2/2/2026-23	3133EMPD8	3/2/2021	0.730	300,000.00	295,947.00	296,436.00	2/2/2026	125	1.92
FHLB 0.53 2/10/2026	3130AKWW2	8/19/2021	0.667	310,000.00	308,124.50	306,152.90	2/10/2026	133	1.98
FHLB 0.625 2/24/2026-21	3130AL7M0	3/2/2021	0.749	250,000.00	248,487.50	246,682.50	2/24/2026	147	1.59
FFCB 0.8 3/9/2026-23	3133EMSU7	9/24/2021	0.736	250,000.00	250,702.50	246,695.00	3/9/2026	160	1.59
FHLB 0.6 3/10/2026-21	3130ALFX7	3/10/2021	0.743	250,000.00	248,237.50	246,375.00	3/10/2026	161	1.59
FHLB 0.75 3/16/2026-21	3130ALF33	3/24/2021	0.750	250,000.00	250,000.00	246,415.00	3/16/2026	167	1.59
FHLB 0.85 3/30/2026-21	3130ANY79	11/10/2021	0.950	250,000.00	248,927.50	246,277.50	3/30/2026	181	1.59

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	245,957.50	4/29/2026	211	1.59
FHLB 0.875 5/26/2026-21	3130AMHB1	5/28/2021	0.834	250,000.00	250,500.00	245,257.50	5/26/2026	238	1.59
FFCB 0.9 6/15/2026-22	3133EMH21	6/17/2021	0.834	250,000.00	250,800.00	245,115.00	6/15/2026	258	1.58
FFCB 0.94 9/28/2026-22	3133EM6E7	9/28/2021	0.869	250,000.00	250,862.50	243,455.00	9/28/2026	363	1.57
FHLMC 0.8 10/27/2026-21	3134GW4C7	11/10/2021	1.065	250,000.00	246,800.00	242,790.00	10/27/2026	392	1.57
FHLB 3.125 10/29/2026-24	3130ARUF6	5/12/2022	3.125	250,000.00	250,000.00	248,430.00	10/29/2026	394	1.61
FFCB 1.46 11/30/2026-23	3133ENFP0	11/30/2021	1.320	250,000.00	251,687.50	243,402.50	11/30/2026	426	1.57
FFCB 1.68 3/10/2027	3133ENRD4	3/17/2022	2.200	250,000.00	243,898.50	243,045.00	3/10/2027	526	1.57
FHLB 3 4/21/2027-23	3130ARJF9	4/21/2022	3.000	250,000.00	250,000.00	247,110.00	4/21/2027	568	1.60
Sub Total / Average 05. US Agency - No Limit			0.985	6,060,000.00	6,048,773.23	5,981,501.15		199	38.67
06. US Treasury - No Limit									
T-Note 0.375 1/31/2026	91282CBH3	4/29/2021	0.720	250,000.00	245,973.50	247,025.00	1/31/2026	123	1.60
T-Note 0.625 7/31/2026	91282CCP4	9/24/2021	0.750	250,000.00	248,512.75	243,597.50	7/31/2026	304	1.57
Sub Total / Average 06. US Treasury - No Limit			0.735	500,000.00	494,486.25	490,622.50		213	3.17
07. US Bank MM Custody Policy 50%									
US Bank Custodian MM	MM65000	7/31/2020	3.730	1,601,654.11	1,601,654.11	1,601,654.11	N/A	1	10.35
Sub Total / Average 07. US Bank MM Custody Policy 50%			3.730	1,601,654.11	1,601,654.11	1,601,654.11		1	10.35
09. Pacific Premier Bank Policy - n/a									
Pacific Premier Bank Checking Cash	MM0831	5/28/2020	1.250	4,914,525.51	4,914,525.51	4,914,525.51	N/A	1	31.77
Sub Total / Average 09. Pacific Premier Bank Policy - n/a			1.250	4,914,525.51	4,914,525.51	4,914,525.51		1	31.77
Total / Average			1.530	15,574,392.67	15,557,652.15	15,469,925.89		150	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 9/30/2025

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS OPEB Trust					
Baird Aggregate Bond Fund	057071854	Mutual Fund	15,896.50	153,809.96	158,329.15
Cohen & Steers Instl Realty	19247U106	Mutual Fund	2,001.49	103,000.47	99,133.56
Columbia Contrarian Fund	19766M709	Mutual Fund	7,885.21	255,917.00	329,521.86
Columbia Small Cap Growth Inst3	19765Y340	Mutual Fund	487.89	13,426.67	16,871.17
Dodge Cox Income	256210105	Mutual Fund	8,296.89	104,337.53	106,365.95
Emerald Growth	317609253	Mutual Fund	512.71	12,474.61	15,129.92
Fidelity Emerging Markets	316146331	Mutual Fund	9,859.30	120,000.00	132,114.62
Fidelity International	315911727	Mutual Fund	2,885.23	146,319.38	173,055.91
Goldman Sachs	38147N269	Mutual Fund	2,847.82	62,209.30	64,731.00
iShares Core US Aggregate	464287226	Mutual Fund	1,326.00	129,352.87	132,931.50
Lazard CI List Infrastructure	52106N459	Mutual Fund	2,893.45	48,253.06	50,577.62
MFS International	552746356	Mutual Fund	1,156.05	45,718.64	57,178.01
Nyli Cbre Global Infrastructure	56064L280	Mutual Fund	3,513.14	49,620.36	52,099.97
Nyli MacKay	56063N881	Mutual Fund	5,304.81	27,287.70	27,691.22
PGIM Total Return Bond	74440B884	Mutual Fund	8,463.66	102,160.11	103,087.07
Putnam Core Equity Fund Y	74676P839	Mutual Fund	2,937.69	127,502.61	143,682.13
Schwab US Large Cap EFT	808524201	Mutual Fund	38,328.00	828,847.88	1,009,559.52
Undiscovered	904504479	Mutual Fund	514.21	39,950.90	44,465.20
US Bank PARS OPEB Trust MM	MM4900	Money Market	93,670.32	93,670.32	93,670.32
Voya	92913L569	Mutual Fund	6,993.06	61,362.89	62,028.50
Sub Total / Average PARS OPEB Trust			215,773.43	2,525,222.26	2,872,224.20
Total / Average			215,773.43	2,525,222.26	2,872,224.20

Mesa Water District
Transactions Summary
Quarterly Treasurer's Status Report - Investment Activity
Group By: Action
Portfolio / Report Group: PARS OPEB Trust
Begin Date: 06/30/2025, End Date: 09/30/2025

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
Fidelity Emerging Markets	316146331	0.000	7/1/2025	N/A	9,053.50	110,000.00	0.00	110,000.00
Baird Aggregate Bond Fund	057071854	0.000	7/28/2025	N/A	63.62	621.58	0.00	621.58
Goldman Sachs	38147N269	0.000	7/28/2025	N/A	452.90	10,000.00	0.00	10,000.00
Fidelity International	315911727	0.000	7/28/2025	N/A	349.90	20,000.00	0.00	20,000.00
Fidelity Emerging Markets	316146331	0.000	7/28/2025	N/A	805.80	10,000.00	0.00	10,000.00
Voya	92913L569	0.000	7/31/2025	N/A	27.70	241.85	0.00	241.85
Nyli MacKay	56063N881	0.000	7/31/2025	N/A	29.81	154.99	0.00	154.99
PGIM Total Return Bond	74440B884	0.000	8/4/2025	N/A	38.35	459.41	0.00	459.41
Lazard CI List Infrastructure	52106N459	0.000	8/18/2025	N/A	96.797	1,715.25	0.00	1,715.25
Baird Aggregate Bond Fund	057071854	0.000	8/26/2025	N/A	52.517	518.34	0.00	518.34
Nyli MacKay	56063N881	0.000	8/29/2025	N/A	28.253	147.48	0.00	147.48
PGIM Total Return Bond	74440B884	0.000	8/29/2025	N/A	33.043	399.82	0.00	399.82
Voya	92913L569	0.000	8/31/2025	N/A	27.734	244.34	0.00	244.34
Lazard CI List Infrastructure	52106N459	0.000	9/19/2025	N/A	30.314	520.49	0.00	520.49
Baird Aggregate Bond Fund	057071854	0.000	9/25/2025	N/A	51.10	507.93	0.00	507.93
Voya	92913L569	0.000	9/30/2025	N/A	27.023	239.69	0.00	239.69
Nyli Cbre Global Infrastructure	56064L280	0.000	9/30/2025	N/A	14.204	210.64	0.00	210.64
Cohen & Steers Instl Realty	19247U106	0.000	9/30/2025	N/A	14.044	695.61	0.00	695.61
Nyli MacKay	56063N881	0.000	9/30/2025	N/A	28.203	147.22	0.00	147.22
PGIM Total Return Bond	74440B884	0.000	9/30/2025	N/A	32.554	396.51	0.00	396.51
Sub Total / Average Buy					11,257.366	157,221.15	0.00	157,221.15
Dividend								
iShares Core US Aggregate	464287226	0.000	7/7/2025	N/A	0.00	0.00	504.75	504.75
Baird Aggregate Bond Fund	057071854	0.000	7/28/2025	N/A	0.00	0.00	621.58	621.58
Voya	92913L569	0.000	7/31/2025	N/A	0.00	0.00	241.85	241.85
Nyli MacKay	56063N881	0.000	7/31/2025	N/A	0.00	0.00	154.99	154.99
PGIM Total Return Bond	74440B884	0.000	8/4/2025	N/A	0.00	0.00	459.41	459.41
iShares Core US Aggregate	464287226	0.000	8/6/2025	N/A	0.00	0.00	437.86	437.86
Baird Aggregate Bond Fund	057071854	0.000	8/26/2025	N/A	0.00	0.00	518.34	518.34
Nyli MacKay	56063N881	0.000	8/29/2025	N/A	0.00	0.00	147.48	147.48
PGIM Total Return Bond	74440B884	0.000	8/29/2025	N/A	0.00	0.00	399.82	399.82

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Voya	92913L569	0.000	8/31/2025	N/A	0.00	0.00	244.34	244.34
iShares Core US Aggregate	464287226	0.000	9/5/2025	N/A	0.00	0.00	433.46	433.46
Lazard CI List Infrastructure	52106N459	0.000	9/19/2025	N/A	0.00	0.00	520.49	520.49
Baird Aggregate Bond Fund	057071854	0.000	9/25/2025	N/A	0.00	0.00	507.93	507.93
Dodge Cox Income	256210105	0.000	9/26/2025	N/A	0.00	0.00	1,136.67	1,136.67
Schwab US Large Cap EFT	808524201	0.000	9/29/2025	N/A	0.00	0.00	2,805.61	2,805.61
Voya	92913L569	0.000	9/30/2025	N/A	0.00	0.00	239.69	239.69
Nyli Cbre Global Infrastructure	56064L280	0.000	9/30/2025	N/A	0.00	0.00	210.64	210.64
Cohen & Steers Instl Realty	19247U106	0.000	9/30/2025	N/A	0.00	0.00	695.61	695.61
Nyli MacKay	56063N881	0.000	9/30/2025	N/A	0.00	0.00	147.22	147.22
PGIM Total Return Bond	74440B884	0.000	9/30/2025	N/A	0.00	0.00	396.51	396.51
Sub Total / Average Dividend					0.00	0.00	10,824.25	10,824.25
Interest								
US Bank PARS OPEB Trust MM	MM4900	0.000	7/31/2025	N/A	0.00	0.00	216.01	216.01
US Bank PARS OPEB Trust MM	MM4900	0.000	8/7/2025	N/A	0.00	0.00	1,141.90	1,141.90
US Bank PARS OPEB Trust MM	MM4900	0.000	8/15/2025	N/A	0.00	0.00	1,309.47	1,309.47
US Bank PARS OPEB Trust MM	MM4900	0.000	8/15/2025	N/A	0.00	0.00	405.78	405.78
US Bank PARS OPEB Trust MM	MM4900	0.000	8/31/2025	N/A	0.00	0.00	257.57	257.57
US Bank PARS OPEB Trust MM	MM4900	0.000	8/31/2025	N/A	0.00	0.00	0.14	0.14
US Bank PARS OPEB Trust MM	MM4900	0.000	9/30/2025	N/A	0.00	0.00	324.09	324.09
Sub Total / Average Interest					0.00	0.00	3,654.96	3,654.96
Sell								
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	2.996	57.13	0.00	57.13
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	52.965	1,010.04	0.00	1,010.04
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	53.319	1,016.80	0.00	1,016.80
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	78.962	1,505.81	0.00	1,505.81
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	87.678	1,672.02	0.00	1,672.02
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	113.384	2,162.24	0.00	2,162.24
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	121.416	2,315.41	0.00	2,315.41
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	220.405	4,203.13	0.00	4,203.13
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	351.889	6,710.54	0.00	6,710.54
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	399.754	7,623.33	0.00	7,623.33
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	406.76	7,756.93	0.00	7,756.93
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	1,510.74	28,809.87	0.00	28,809.87
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	2,596.653	49,518.28	0.00	49,518.28
Baird Aggregate Bond Fund	057071854	0.000	7/28/2025	N/A	2,047.08	20,000.00	0.00	20,000.00
iShares Core US Aggregate	464287226	0.000	7/28/2025	N/A	254.00	24,973.28	0.00	24,973.28
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	16.797	200.724	0.00	200.72
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	17.073	204.022	0.00	204.02

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	18.123	216.57	0.00	216.57
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	18.416	220.071	0.00	220.07
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	18.434	220.286	0.00	220.29
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	18.477	220.80	0.00	220.80
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	19.464	232.595	0.00	232.60
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	19.88	237.566	0.00	237.57
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	24.128	288.33	0.00	288.33
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	91.776	1,096.723	0.00	1,096.72
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	293.893	3,512.022	0.00	3,512.02
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	297.763	3,558.268	0.00	3,558.27
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	401.006	4,792.022	0.00	4,792.02
Sub Total / Average Sell					9,553.231	174,334.809	0.00	174,334.81

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 9/30/2025

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS Pension Trust					
Baird Aggregate Bond Fund	057071854	Mutual Fund	88,850.68	859,837.79	884,952.80
Cohen & Steers Instl Realty	19247U106	Mutual Fund	11,224.19	581,086.16	555,934.37
Columbia Contrarian Fund	19766M709	Mutual Fund	42,463.34	1,400,613.98	1,774,542.49
Columbia Small Cap Growth Inst3	19765Y340	Mutual Fund	2,923.52	80,455.22	101,095.25
Dodge Cox Income	256210105	Mutual Fund	45,822.65	576,437.57	587,446.41
Emerald Growth	317609253	Mutual Fund	3,072.33	74,930.62	90,664.39
Fidelity Emerging Markets	316146331	Mutual Fund	55,057.82	670,000.00	737,774.73
Fidelity International	315911727	Mutual Fund	15,767.82	794,696.81	945,754.20
Goldman Sachs	38147N269	Mutual Fund	15,402.27	336,276.74	350,093.60
iShares Core US Aggregate	464287226	Mutual Fund	7,345.00	716,553.22	736,336.25
Lazard CI List Infrastructure	52106N459	Mutual Fund	16,302.68	271,867.76	284,970.75
MFS International	552746356	Mutual Fund	6,483.37	245,230.72	320,667.05
Nyli Cbre Global Infrastructure	56064L280	Mutual Fund	19,640.75	257,641.87	291,272.22
Nyli MacKay	56063N881	Mutual Fund	34,006.73	174,928.66	177,515.10
PGIM Total Return Bond	74440B884	Mutual Fund	46,094.92	562,993.15	561,436.00
Putnam Core Equity Fund Y	74676P839	Mutual Fund	15,595.46	677,987.98	762,774.10
Schwab US Large Cap EFT	808524201	Mutual Fund	212,822.00	4,272,756.07	5,605,731.48
Undiscovered	904504479	Mutual Fund	2,827.99	218,328.57	244,534.93
US Bank PARS Pension Trust MM	MM4901	Money Market	499,588.62	499,588.62	499,588.62
Voya	92913L569	Mutual Fund	37,258.73	327,488.21	330,484.87
Sub Total / Average PARS Pension Trust			1,178,550.87	13,599,699.72	15,843,569.61
Total / Average			1,178,550.87	13,599,699.72	15,843,569.61

Mesa Water District
Transactions Summary
Quarterly Treasurer's Status Report - Investment Activity
Group By: Action
Portfolio / Report Group: PARS Pension Trust
Begin Date: 06/30/2025, End Date: 09/30/2025

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
Fidelity Emerging Markets	316146331	0.000	7/1/2025	N/A	51,028.807	620,000.00	0.00	620,000.00
Baird Aggregate Bond Fund	057071854	0.000	7/28/2025	N/A	358.601	3,503.53	0.00	3,503.53
Goldman Sachs	38147N269	0.000	7/28/2025	N/A	1,811.594	40,000.00	0.00	40,000.00
Schwab US Large Cap EFT	808524201	0.000	7/28/2025	N/A	6,774.00	170,772.54	0.00	170,772.54
Fidelity International	315911727	0.000	7/28/2025	N/A	1,224.633	70,000.00	0.00	70,000.00
Fidelity Emerging Markets	316146331	0.000	7/28/2025	N/A	4,029.009	50,000.00	0.00	50,000.00
Voya	92913L569	0.000	7/31/2025	N/A	147.597	1,288.52	0.00	1,288.52
Nyli MacKay	56063N881	0.000	7/31/2025	N/A	191.073	993.58	0.00	993.58
Lazard CI List Infrastructure	52106N459	0.000	8/18/2025	N/A	545.39	9,664.28	0.00	9,664.28
Baird Aggregate Bond Fund	057071854	0.000	8/26/2025	N/A	293.53	2,897.15	0.00	2,897.15
Nyli MacKay	56063N881	0.000	8/29/2025	N/A	181.12	945.42	0.00	945.42
Voya	92913L569	0.000	8/31/2025	N/A	147.75	1,301.64	0.00	1,301.64
Lazard CI List Infrastructure	52106N459	0.000	9/19/2025	N/A	170.798	2,932.61	0.00	2,932.61
Baird Aggregate Bond Fund	057071854	0.000	9/25/2025	N/A	285.611	2,838.97	0.00	2,838.97
Voya	92913L569	0.000	9/25/2025	N/A	143.976	1,277.07	0.00	1,277.07
Nyli Cbre Global Infrastructure	56064L280	0.000	9/30/2025	N/A	79.406	1,177.59	0.00	1,177.59
Cohen & Steers Instl Realty	19247U106	0.000	9/30/2025	N/A	78.758	3,900.90	0.00	3,900.90
Nyli MacKay	56063N881	0.000	9/30/2025	N/A	180.793	943.74	0.00	943.74
Sub Total / Average Buy					67,672.446	984,437.54	0.00	984,437.54

Dividend								
iShares Core US Aggregate	464287226	0.000	7/7/2025	N/A	0.00	0.00	2,872.58	2,872.58
Baird Aggregate Bond Fund	057071854	0.000	7/28/2025	N/A	0.00	0.00	3,503.53	3,503.53
Voya	92913L569	0.000	7/31/2025	N/A	0.00	0.00	1,288.52	1,288.52
Nyli MacKay	56063N881	0.000	7/31/2025	N/A	0.00	0.00	993.58	993.58
PGIM Total Return Bond	74440B884	0.000	8/4/2025	N/A	0.00	0.00	2,669.01	2,669.01
iShares Core US Aggregate	464287226	0.000	8/6/2025	N/A	0.00	0.00	2,425.41	2,425.41
Nyli MacKay	56063N881	0.000	8/29/2025	N/A	0.00	0.00	945.42	945.42
PGIM Total Return Bond	74440B884	0.000	8/29/2025	N/A	0.00	0.00	2,194.51	2,194.51
Baird Aggregate Bond Fund	057071854	0.000	8/31/2025	N/A	0.00	0.00	2,897.15	2,897.15
Voya	92913L569	0.000	8/31/2025	N/A	0.00	0.00	1,301.64	1,301.64
iShares Core US Aggregate	464287226	0.000	9/5/2025	N/A	0.00	0.00	2,401.01	2,401.01
Lazard CI List Infrastructure	52106N459	0.000	9/19/2025	N/A	0.00	0.00	2,932.61	2,932.61
Baird Aggregate Bond Fund	057071854	0.000	9/25/2025	N/A	0.00	0.00	2,838.97	2,838.97

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Dodge Cox Income	256210105	0.000	9/26/2025	N/A	0.00	0.00	6,277.70	6,277.70
Schwab US Large Cap EFT	808524201	0.000	9/29/2025	N/A	0.00	0.00	15,578.57	15,578.57
Voya	92913L569	0.000	9/30/2025	N/A	0.00	0.00	1,277.07	1,277.07
Nyli Cbre Global Infrastructure	56064L280	0.000	9/30/2025	N/A	0.00	0.00	1,177.59	1,177.59
Cohen & Steers Instl Realty	19247U106	0.000	9/30/2025	N/A	0.00	0.00	3,900.90	3,900.90
Nyli MacKay	56063N881	0.000	9/30/2025	N/A	0.00	0.00	943.74	943.74
PGIM Total Return Bond	74440B884	0.000	9/30/2025	N/A	0.00	0.00	2,168.07	2,168.07
Sub Total / Average Dividend					0.00	0.00	60,587.58	60,587.58
Interest								
US Bank PARS Pension Trust MM	MM4901	0.000	7/31/2025	N/A	0.00	0.00	1,358.74	1,358.74
US Bank PARS Pension Trust MM	MM4901	0.000	8/31/2025	N/A	0.00	0.00	2,286.30	2,286.30
US Bank PARS Pension Trust MM	MM4901	0.000	8/31/2025	N/A	0.00	0.00	6,842.75	6,842.75
US Bank PARS Pension Trust MM	MM4901	0.000	8/31/2025	N/A	0.00	0.00	1,460.00	1,460.00
US Bank PARS Pension Trust MM	MM4901	0.000	8/31/2025	N/A	0.00	0.00	7,377.98	7,377.98
US Bank PARS Pension Trust MM	MM4901	0.000	8/31/2025	N/A	0.00	0.00	1.13	1.13
US Bank PARS Pension Trust MM	MM4901	0.000	9/30/2025	N/A	0.00	0.00	1,708.80	1,708.80
Sub Total / Average Interest					0.00	0.00	21,035.70	21,035.70
Sell								
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	240.27	4,581.95	0.00	4,581.95
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	357.619	6,819.80	0.00	6,819.80
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	494.761	9,435.10	0.00	9,435.10
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	1,373.407	26,190.88	0.00	26,190.88
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	2,373.26	45,258.08	0.00	45,258.08
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	3,277.983	62,511.15	0.00	62,511.15
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	7,947.057	151,550.42	0.00	151,550.42
Hartford Schroders	41665X859	0.000	7/1/2025	N/A	16,733.987	319,117.23	0.00	319,117.23
Baird Aggregate Bond Fund	057071854	0.000	7/28/2025	N/A	12,282.497	120,000.00	0.00	120,000.00
iShares Core US Aggregate	464287226	0.000	7/28/2025	N/A	1,647.00	161,933.04	0.00	161,933.04
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	412.812	4,933.103	0.00	4,933.10
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	764.041	9,130.289	0.00	9,130.29
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	1,467.24	17,533.516	0.00	17,533.52
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	3,148.895	37,629.292	0.00	37,629.29
PGIM Total Return Bond	74440B884	0.000	7/28/2025	N/A	4,248.854	50,773.80	0.00	50,773.80
Sub Total / Average Sell					56,769.683	1,027,397.65	0.00	1,027,397.65

Mesa Water District
Monthly Treasurer's Status Report on Investments
8/31/2025



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	YTM@Cost	Cost Value	Market Value	Maturity Date	Days to Maturity	% of Portfolio	Policy % Limit
Local Agency Investment Fund (LAIF)	4.25%	1,213.05	1,213.05	Liquid	1	0.01%	No Limit
Miscellaneous Cash (Petty, Emergency, etc.)	0.00%	14,000.00	14,000.00	Liquid	1	0.09%	N/A
US Bank Custody Account							
Negotiable Certificate of Deposit	2.00%	2,732,000.00	2,706,293.50	Various	405	17.23%	30.00%
US Agency Bonds	0.94%	6,796,273.23	6,709,247.65	Various	207	42.70%	No Limit
US Treasury Bonds	0.74%	494,486.25	488,920.00	Various	243	3.11%	No Limit
Sub Total / Average	1.22%	10,022,759.48	9,904,461.15		263		
US Bank Custody Account	3.91%	588,068.34	588,068.34	Liquid	1	3.74%	No Limit
Pacific Premier Bank	1.25%	5,202,668.09	5,202,668.09	Liquid	1	33.12%	No Limit
Total / Average	1.33%	\$ 15,828,708.96	\$ 15,710,410.63		166	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	1.97%	\$ 2,518,877.16	\$ 2,802,929.28
Pension Trust	1.97%	\$ 13,564,416.77	\$ 15,460,914.15
		\$ 16,083,293.93	\$ 18,263,843.43

PARS OPEB & Pension Trust Benchmark | BAAPX Index
1 Month | 2.69 %

RISK RETENTION CORPORATION	Monthly Rate of Return	Balance
Pacific Premier Bank	N/A	\$ 74,814.58

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 June 30 Fair Value Factor of 1.001198310.

Weighted Average Return

Mesa Water® Funds | 1.33 %

Benchmark: 3 Month Treasury Bill - August 2025 | 4.31 %

Weighted Average Maturity

Years | 0.45 Days | 166

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: 07/31/2025, End Date: 08/31/2025

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	8/1/2025	2/10/2026	0.00	0.00	105.74	105.74
FFCB 0.45 2/2/2026-23	3133EMPD8	0.000	8/2/2025	2/2/2026	0.00	0.00	675.00	675.00
FHLB 0.53 2/10/2026	3130AKWW2	0.000	8/10/2025	2/10/2026	0.00	0.00	821.50	821.50
FNMA 0.5 8/14/2025-23	3135G05S8	0.000	8/14/2025	8/14/2025	0.00	0.00	625.00	625.00
Evergreen Bank IL 4 12/16/2026	300185LF0	0.000	8/16/2025	12/16/2026	0.00	0.00	845.92	845.92
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	0.000	8/18/2025	12/18/2025	0.00	0.00	126.89	126.89
FHLB 0.625 2/24/2026-21	3130AL7M0	0.000	8/24/2025	2/24/2026	0.00	0.00	781.25	781.25
UBS Bank UT 0.95 8/25/2026	90348JS50	0.000	8/25/2025	8/25/2026	0.00	0.00	200.91	200.91
FNMA 0.375 8/25/2025	3135G05X7	0.000	8/25/2025	8/25/2025	0.00	0.00	468.75	468.75
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	0.000	8/30/2025	12/30/2027	0.00	0.00	1,021.56	1,021.56
Signature Federal CR 4.4 1/31/2028	82671DAB3	0.000	8/31/2025	1/31/2028	0.00	0.00	930.51	930.51
US Bank Custodian MM	MM65000	0.000	8/31/2025	N/A	0.00	0.00	8,602.78	8,602.78
Sub Total / Average Interest					0.00	0.00	15,205.81	15,205.81
Matured								
FNMA 0.5 8/14/2025-23	3135G05S8	0.000	8/14/2025	8/14/2025	250,000.00	250,000.00	0.00	250,000.00
FNMA 0.375 8/25/2025	3135G05X7	0.000	8/25/2025	8/25/2025	250,000.00	250,000.00	0.00	250,000.00
Sub Total / Average Matured					500,000.00	500,000.00	0.00	500,000.00

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 8/31/2025

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	4.251	1,213.05	1,213.05	1,213.05	N/A	1	0.01
Sub Total / Average 01. LAIF Policy - 75M Per Account			4.251	1,213.05	1,213.05	1,213.05		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	0.09
Sub Total / Average 03. Miscellaneous Cash (Petty Emergency)			0.000	14,000.00	14,000.00	14,000.00		1	0.09
04. Negotiable CD30%									
BMW Bank UT 0.5 9/25/2025	05580AXF6	9/25/2020	0.500	249,000.00	249,000.00	248,287.86	9/25/2025	25	1.58
Texas Exchange Bank TX 0.6 12/18/2025	88241TJR2	12/18/2020	0.600	249,000.00	249,000.00	246,285.90	12/18/2025	109	1.57
JPMorgan Chase OH 0.5 12/29/2025-21	48128UUZ0	12/29/2020	0.500	249,000.00	249,000.00	245,952.24	12/29/2025	120	1.57
Live Oak Banking NC 0.5 2/10/2026	538036NE0	2/10/2021	0.500	249,000.00	249,000.00	245,053.35	2/10/2026	163	1.56
Toyota Financial Savings NV 0.95 7/29/2026	89235MLE9	7/29/2021	0.950	248,000.00	248,000.00	241,331.28	7/29/2026	332	1.54
UBS Bank UT 0.95 8/25/2026	90348JS50	8/25/2021	0.950	249,000.00	249,000.00	241,788.96	8/25/2026	359	1.54
Capital One Bank VA 1.1 11/17/2026	14042TDW4	11/17/2021	1.100	248,000.00	248,000.00	239,721.76	11/17/2026	443	1.53
Evergreen Bank IL 4 12/16/2026	300185LF0	12/16/2022	4.000	249,000.00	249,000.00	249,268.92	12/16/2026	472	1.59
Discover Bank3.4 7/6/2027	254673L38	7/6/2022	3.400	245,000.00	245,000.00	242,885.65	7/6/2027	674	1.55
Alliant Credit Union IL 4.85 12/30/2027	01882MAA0	12/30/2022	4.850	248,000.00	248,000.00	253,535.36	12/30/2027	851	1.61
Signature Federal CR 4.4 1/31/2028	82671DAB3	1/31/2023	4.400	249,000.00	249,000.00	252,182.22	1/31/2028	883	1.61
Sub Total / Average 04. Negotiable CD30%			1.996	2,732,000.00	2,732,000.00	2,706,293.50		405	17.23
05. US Agency - No Limit									
FFCB 0.53 9/29/2025-21	3133EMBH4	6/17/2021	0.649	500,000.00	497,500.00	498,360.00	9/29/2025	29	3.17
FHLMC 0.4 9/30/2025-21	3134GWVP8	9/30/2020	0.400	250,000.00	250,000.00	249,242.50	9/30/2025	30	1.59
FHLMC 0.65 10/27/2025-21	3134GW5R3	5/25/2021	0.650	375,000.00	375,000.00	372,933.75	10/27/2025	57	2.37
FHLMC 0.45 10/29/2025-21	3134GW3J3	4/22/2021	0.608	250,000.00	248,237.50	248,505.00	10/29/2025	59	1.58
FNMA 0.54 11/3/2025-22	3135GA2G5	10/30/2020	0.459	500,000.00	501,999.50	496,825.00	11/3/2025	64	3.16
FNMA 0.56 11/17/2025-22	3135GA2Z3	11/17/2020	0.540	325,000.00	325,322.73	322,471.50	11/17/2025	78	2.05
FNMA 0.58 11/25/2025-22	3135GA5E7	11/30/2020	0.499	250,000.00	250,983.75	247,912.50	11/25/2025	86	1.58

Description	CUSIP/Ticker	Settlement Date	YTM @ Cost	Face Amount/Shares	Cost Value	Market Value	Maturity Date	Days To Maturity	% of Portfolio
FFCB 0.47 12/22/2025-22	3133EMLC4	12/22/2020	0.410	250,000.00	250,747.00	247,082.50	12/22/2025	113	1.57
FFCB 0.45 2/2/2026-23	3133EMPD8	3/2/2021	0.730	300,000.00	295,947.00	295,332.00	2/2/2026	155	1.88
FHLB 0.53 2/10/2026	3130AKWW2	8/19/2021	0.667	310,000.00	308,124.50	305,067.90	2/10/2026	163	1.94
FHLB 0.625 2/24/2026-21	3130AL7M0	3/2/2021	0.749	250,000.00	248,487.50	246,040.00	2/24/2026	177	1.57
FFCB 0.8 3/9/2026-23	3133EMSU7	9/24/2021	0.736	250,000.00	250,702.50	245,872.50	3/9/2026	190	1.57
FHLB 0.6 3/10/2026-21	3130ALFX7	3/10/2021	0.743	250,000.00	248,237.50	245,497.50	3/10/2026	191	1.56
FHLB 0.75 3/16/2026-21	3130ALF33	3/24/2021	0.750	250,000.00	250,000.00	245,565.00	3/16/2026	197	1.56
FHLB 0.85 3/30/2026-21	3130ANY79	11/10/2021	0.950	250,000.00	248,927.50	245,422.50	3/30/2026	211	1.56
FHLMC 1.03 4/29/2026-22	3130ALZM9	4/29/2021	0.906	250,000.00	251,507.75	245,127.50	4/29/2026	241	1.56
FHLB 0.875 5/26/2026-21	3130AMHB1	5/28/2021	0.834	250,000.00	250,500.00	244,375.00	5/26/2026	268	1.56
FFCB 0.9 6/15/2026-22	3133EMH21	6/17/2021	0.834	250,000.00	250,800.00	244,045.00	6/15/2026	288	1.55
FFCB 0.94 9/28/2026-22	3133EM6E7	9/28/2021	0.869	250,000.00	250,862.50	242,175.00	9/28/2026	393	1.54
FHLMC 0.8 10/27/2026-21	3134GW4C7	11/10/2021	1.065	250,000.00	246,800.00	241,742.50	10/27/2026	422	1.54
FHLB 3.125 10/29/2026-24	3130ARUF6	5/12/2022	3.125	250,000.00	250,000.00	247,897.50	10/29/2026	424	1.58
FFCB 1.46 11/30/2026-23	3133ENFP0	11/30/2021	1.320	250,000.00	251,687.50	242,712.50	11/30/2026	456	1.54
FFCB 1.68 3/10/2027	3133ENRD4	3/17/2022	2.200	250,000.00	243,898.50	242,407.50	3/10/2027	556	1.54
FHLB 3 4/21/2027-23	3130ARJF9	4/21/2022	3.000	250,000.00	250,000.00	246,635.00	4/21/2027	598	1.57
Sub Total / Average 05. US Agency - No Limit			0.938	6,810,000.00	6,796,273.23	6,709,247.65		207	42.71
06. US Treasury - No Limit									
T-Note 0.375 1/31/2026	91282CBH3	4/29/2021	0.720	250,000.00	245,973.50	246,182.50	1/31/2026	153	1.57
T-Note 0.625 7/31/2026	91282CCP4	9/24/2021	0.750	250,000.00	248,512.75	242,737.50	7/31/2026	334	1.55
Sub Total / Average 06. US Treasury - No Limit			0.735	500,000.00	494,486.25	488,920.00		243	3.11
07. US Bank MM Custody Policy 50%									
US Bank Custodian MM	MM65000	7/31/2020	3.910	588,068.34	588,068.34	588,068.34	N/A	1	3.74
Sub Total / Average 07. US Bank MM Custody Policy 50%			3.910	588,068.34	588,068.34	588,068.34		1	3.74
09. Pacific Premier Bank Policy - n/a									
Pacific Premier Bank Checking Cash	MM0831	5/28/2020	1.250	5,202,668.09	5,202,668.09	5,202,668.09	N/A	1	33.12
Sub Total / Average 09. Pacific Premier Bank Policy - n/a			1.250	5,202,668.09	5,202,668.09	5,202,668.09		1	33.12
Total / Average			1.328	15,847,949.48	15,828,708.96	15,710,410.63		166	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 8/31/2025

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS OPEB Trust					
Baird Aggregate Bond Fund	057071854	Mutual Fund	15,845.40	153,302.03	156,552.58
Cohen & Steers Instl Realty	19247U106	Mutual Fund	1,987.45	102,304.86	98,716.19
Columbia Contrarian Fund	19766M709	Mutual Fund	7,885.21	255,917.00	319,980.80
Columbia Small Cap Growth Inst3	19765Y340	Mutual Fund	487.89	13,426.67	16,324.73
Dodge Cox Income	256210105	Mutual Fund	8,296.89	104,337.53	106,034.08
Emerald Growth	317609253	Mutual Fund	512.71	12,474.61	14,140.40
Fidelity Emerging Markets	316146331	Mutual Fund	9,859.30	120,000.00	123,635.62
Fidelity International	315911727	Mutual Fund	2,885.23	146,319.38	169,016.60
Goldman Sachs	38147N269	Mutual Fund	2,847.82	62,209.30	64,446.21
iShares Core US Aggregate	464287226	Mutual Fund	1,326.00	129,352.87	131,883.96
Lazard CI List Infrastructure	52106N459	Mutual Fund	2,863.14	47,732.57	50,076.37
MFS International	552746356	Mutual Fund	1,156.05	45,718.64	55,698.29
Nyli Cbre Global Infrastructure	56064L280	Mutual Fund	3,498.94	49,409.72	50,979.60
Nyli MacKay	56063N881	Mutual Fund	5,276.61	27,140.48	27,544.00
PGIM Total Return Bond	74440B884	Mutual Fund	8,431.11	101,763.60	102,016.11
Putnam Core Equity Fund Y	74676P839	Mutual Fund	2,937.69	127,502.61	139,011.21
Schwab US Large Cap EFT	808524201	Mutual Fund	38,328.00	828,847.88	980,046.96
Undiscovered	904504479	Mutual Fund	514.21	39,950.90	45,411.39
US Bank PARS OPEB Trust MM	MM4900	Money Market	90,043.31	90,043.31	90,043.31
Voya	92913L569	Mutual Fund	6,966.04	61,123.20	61,370.87
Sub Total / Average PARS OPEB Trust			211,949.00	2,518,877.16	2,802,929.28
Total / Average			211,949.00	2,518,877.16	2,802,929.28

Mesa Water District

Transactions Summary

Monthly Treasurer's Status Report - Investment Activity

Group By: Action

Portfolio / Report Group: PARS OPEB Trust

Begin Date: 07/31/2025, End Date: 08/31/2025

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
PGIM Total Return Bond	74440B884	0.000	8/4/2025	N/A	38.35	459.41	0.00	459.41
Lazard CI List Infrastructure	52106N459	0.000	8/18/2025	N/A	96.797	1,715.25	0.00	1,715.25
Baird Aggregate Bond Fund	057071854	0.000	8/26/2025	N/A	52.517	518.34	0.00	518.34
Nyli MacKay	56063N881	0.000	8/29/2025	N/A	28.253	147.48	0.00	147.48
PGIM Total Return Bond	74440B884	0.000	8/29/2025	N/A	33.043	399.82	0.00	399.82
Voya	92913L569	0.000	8/31/2025	N/A	27.734	244.34	0.00	244.34
Sub Total / Average Buy					276.694	3,484.64	0.00	3,484.64
Dividend								
PGIM Total Return Bond	74440B884	0.000	8/4/2025	N/A	0.00	0.00	459.41	459.41
iShares Core US Aggregate	464287226	0.000	8/6/2025	N/A	0.00	0.00	437.86	437.86
Baird Aggregate Bond Fund	057071854	0.000	8/26/2025	N/A	0.00	0.00	518.34	518.34
Nyli MacKay	56063N881	0.000	8/29/2025	N/A	0.00	0.00	147.48	147.48
PGIM Total Return Bond	74440B884	0.000	8/29/2025	N/A	0.00	0.00	399.82	399.82
Voya	92913L569	0.000	8/31/2025	N/A	0.00	0.00	244.34	244.34
Sub Total / Average Dividend					0.00	0.00	2,207.25	2,207.25
Interest								
US Bank PARS OPEB Trust MM	MM4900	0.000	8/7/2025	N/A	0.00	0.00	1,141.90	1,141.90
US Bank PARS OPEB Trust MM	MM4900	0.000	8/15/2025	N/A	0.00	0.00	1,309.47	1,309.47
US Bank PARS OPEB Trust MM	MM4900	0.000	8/15/2025	N/A	0.00	0.00	405.78	405.78
US Bank PARS OPEB Trust MM	MM4900	0.000	8/31/2025	N/A	0.00	0.00	0.14	0.14
US Bank PARS OPEB Trust MM	MM4900	0.000	8/31/2025	N/A	0.00	0.00	257.57	257.57
Sub Total / Average Interest					0.00	0.00	3,114.86	3,114.86

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 8/31/2025

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS Pension Trust					
Baird Aggregate Bond Fund	057071854	Mutual Fund	88,565.07	856,998.82	875,022.91
Cohen & Steers Instl Realty	19247U106	Mutual Fund	11,145.43	577,185.26	553,593.85
Columbia Contrarian Fund	19766M709	Mutual Fund	42,463.34	1,400,613.98	1,723,161.85
Columbia Small Cap Growth Inst3	19765Y340	Mutual Fund	2,923.52	80,455.22	97,820.91
Dodge Cox Income	256210105	Mutual Fund	45,822.65	576,437.57	585,613.49
Emerald Growth	317609253	Mutual Fund	3,072.33	74,930.62	84,734.80
Fidelity Emerging Markets	316146331	Mutual Fund	55,057.82	670,000.00	690,425.01
Fidelity International	315911727	Mutual Fund	15,767.82	794,696.81	923,679.25
Goldman Sachs	38147N269	Mutual Fund	15,402.27	336,276.74	348,553.37
iShares Core US Aggregate	464287226	Mutual Fund	7,345.00	716,553.22	730,533.70
Lazard CI List Infrastructure	52106N459	Mutual Fund	16,131.88	268,935.15	282,146.51
MFS International	552746356	Mutual Fund	6,483.37	245,230.72	312,368.33
Nyli Cbre Global Infrastructure	56064L280	Mutual Fund	19,561.34	256,464.28	285,008.68
Nyli MacKay	56063N881	Mutual Fund	33,825.94	173,984.92	176,571.36
PGIM Total Return Bond	74440B884	Mutual Fund	46,094.92	562,993.15	557,748.44
Putnam Core Equity Fund Y	74676P839	Mutual Fund	15,595.46	677,987.98	737,977.30
Schwab US Large Cap EFT	808524201	Mutual Fund	212,822.00	4,272,756.07	5,441,858.54
Undiscovered	904504479	Mutual Fund	2,827.99	218,328.57	249,738.38
US Bank PARS Pension Trust MM	MM4901	Money Market	477,376.55	477,376.55	477,376.55
Voya	92913L569	Mutual Fund	37,114.75	326,211.14	326,980.92
Sub Total / Average PARS Pension Trust			1,155,399.45	13,564,416.77	15,460,914.15
Total / Average			1,155,399.45	13,564,416.77	15,460,914.15

Mesa Water District

Transactions Summary

Monthly Treasurer's Status Report - Investment Activity

Group By: Action

Portfolio / Report Group: PARS Pension Trust

Begin Date: 07/31/2025, End Date: 08/31/2025

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
Lazard CI List Infrastructure	52106N459	0.000	8/18/2025	N/A	545.39	9,664.28	0.00	9,664.28
Baird Aggregate Bond Fund	057071854	0.000	8/26/2025	N/A	293.53	2,897.15	0.00	2,897.15
Nyli MacKay	56063N881	0.000	8/29/2025	N/A	181.12	945.42	0.00	945.42
Voya	92913L569	0.000	8/31/2025	N/A	147.75	1,301.64	0.00	1,301.64
Sub Total / Average Buy					1,167.79	14,808.49	0.00	14,808.49
Dividend								
PGIM Total Return Bond	74440B884	0.000	8/4/2025	N/A	0.00	0.00	2,669.01	2,669.01
iShares Core US Aggregate	464287226	0.000	8/6/2025	N/A	0.00	0.00	2,425.41	2,425.41
Nyli MacKay	56063N881	0.000	8/29/2025	N/A	0.00	0.00	945.42	945.42
PGIM Total Return Bond	74440B884	0.000	8/29/2025	N/A	0.00	0.00	2,194.51	2,194.51
Baird Aggregate Bond Fund	057071854	0.000	8/31/2025	N/A	0.00	0.00	2,897.15	2,897.15
Voya	92913L569	0.000	8/31/2025	N/A	0.00	0.00	1,301.64	1,301.64
Sub Total / Average Dividend					0.00	0.00	12,433.14	12,433.14
Interest								
US Bank PARS Pension Trust MM	MM4901	0.000	8/31/2025	N/A	0.00	0.00	1.13	1.13
US Bank PARS Pension Trust MM	MM4901	0.000	8/31/2025	N/A	0.00	0.00	6,842.75	6,842.75
US Bank PARS Pension Trust MM	MM4901	0.000	8/31/2025	N/A	0.00	0.00	7,377.98	7,377.98
US Bank PARS Pension Trust MM	MM4901	0.000	8/31/2025	N/A	0.00	0.00	1,460.00	1,460.00
US Bank PARS Pension Trust MM	MM4901	0.000	8/31/2025	N/A	0.00	0.00	2,286.30	2,286.30
Sub Total / Average Interest					0.00	0.00	17,968.16	17,968.16



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Kaitlyn Norris, Public Affairs Supervisor
DATE: October 22, 2025
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. **Newport-Mesa Unified School District State of the Schools Breakfast –**
Tuesday, October 28, 2025, Estancia High School - 2323 Placentia Avenue, Costa
Mesa, CA 92627

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; \$83,180 has been spent to date.

ATTACHMENTS

None.



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Kaitlyn Norris, Public Affairs Supervisor
DATE: October 22, 2025
SUBJECT: Mesa Water District Customer Survey

RECOMMENDATION

Receive the presentation.

STRATEGIC PLAN

Goal #4: Increase public awareness of Mesa Water.

PRIOR BOARD ACTION/DISCUSSION

At the request of the Board of Directors (Board), staff have commissioned the Mesa Water District (Mesa Water®) Customer Survey annually since 2019.

DISCUSSION

The purpose of the annual customer survey is to serve as a benchmark for measuring the effectiveness of Mesa Water's strategic communications efforts and increase public awareness of Mesa Water. The survey findings are also used to research key message penetration and identify potential needs and opportunities for future communications tactics.

FM3 Research will present the key findings from the customer survey to the Board at its October 22, 2025 Board meeting.

FINANCIAL IMPACT

In Fiscal Year 2026, \$1,139,850 is budgeted for Public Affairs Support Services; \$83,180 has been spent to date.

ATTACHMENTS

None.



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Andrew D. Wiesner, P.E., District Engineer
DATE: October 22, 2025
SUBJECT: Pipeline Integrity Program Update

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 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 March 17, 2015 meeting, the E&O Committee approved a contract with Michael Baker International, Inc. to provide consulting services for the Pipeline Integrity Testing Program.

At its January 19, 2016 meeting, the E&O Committee received an update on the progress of the Pipeline Integrity Testing Program, and approved contracts with Paulus Engineering, Inc. to remove pipeline segments for testing and to MEI-Charlton Lab for destructive testing.

At its September 8, 2016 meeting, the Board approved a change order to MEI-Charlton Lab for additional testing.

At its November 8, 2016 meeting, the Board received a presentation on the results of the first year of destructive testing.

At its July 17, 2017 meeting, the E&O committee approved a contract with HDR Engineering, Inc. (HDR) to provide consulting services for the Pipeline Integrity Program (PIP).

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 and September 27, 2023 meetings, the Board received an update on the PIP.

At its April 24, 2024 meeting, the Board received an update on the PIP including the plan to perform non-destructive testing of 2.2 miles of AC pipe.

At its August 28, 2024 meeting, the Board approved a one-year extension to HDR's professional services contract dated August 14, 2017 in the amount of \$50,000 for consulting services for the PIP.

At its March 12, 2025 meeting, the Board approved a sole source contract with Pipeline Inspection and Condition Analysis for \$99,700 and a 10% contingency of \$9,970 for a total contract amount not to exceed \$109,670 to provide non-destructive condition assessment of 4,200 linear feet of pipeline.

At its June 11, 2025 meeting, the Board received an update on the construction outreach for Pipeline Inspection and Condition Analysis's non-destructive condition assessment of 4,200 linear feet of pipeline.

BACKGROUND

Replacement of Assets Policy Evolution

Since 1980, the Board has acknowledged the finite life of the District's assets. Beginning with Resolution No. 891, the Board set a vehicle and equipment replacement policy based on age and usage. This policy was enhanced by Resolution No. 1268 in 2002, which provided flexibility on replacing assets based on their performance, not just their age. As the Board became focused on aging infrastructure, a financial evaluation of age-based pipeline asset replacement was performed as part of the 2014 Water Systems Master Plan Update. This evaluation used industry-average useful life estimates for pipeline materials which ranged from 65 to 85 years. The resulting pipeline replacement cost curve (Figure 1) showed all 317 miles of pipeline requiring replacement in the next 100 years for an approximate total of \$552MM (in 2013 dollars).

More than half of that investment (\$272MM) was required in the first 30 years of the replacement cycle. The need for this level of investment did not align with observed pipeline performance. With a low break rate of approximately 13 breaks per year, or 0.04 breaks per mile per year, the pipeline system appeared healthy and not in need of such a high level of replacement. Therefore, a performance-based definition was sought that could be used to plan and budget for asset replacement that reflected actual pipe performance and conditions. Resolution No. 1442 was adopted in 2014 to address replacement of Mesa Water District's (Mesa Water®) pipeline and groundwater well assets.

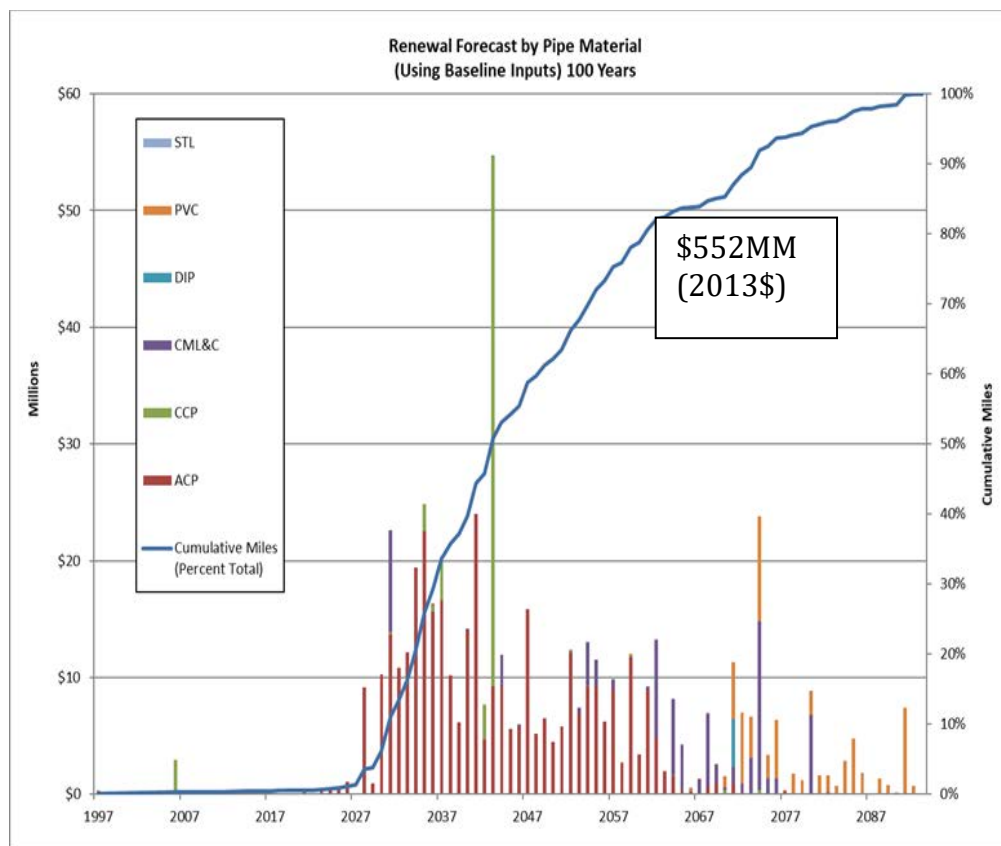


Figure 1. Age-Cost Pipeline Replacement Cost Curve, 2013.

Resolution No. 1442 (2014 – 2019)

Resolution No. 1442 required quantifiable, measurable factors to drive water system asset replacement. For pipelines, this included non-destructive and destructive measurements of the pipe wall's ability to resist internal forces (e.g., water pressure) and external loads (e.g., traffic and soil). Non-destructive testing was used to measure the average remaining pipe wall thickness for a segment of pipe. Approximately 12 miles of pipeline was evaluated by non-destructive testing (e.g., acoustics testing from 2014-2019). Where pipe walls appeared to have lost more than 30% of their original thickness, samples of the pipe were excavated and sent for destructive testing, including direct measurement of remaining pipe wall thickness, hydrostatic failure pressure, and crush load failure. A total of 23 pipe samples (5 metal and 18 asbestos cement (AC)) were excavated. The remaining useful life was estimated based on the results of the testing. It was determined that AC pipe can be expected to have a total average useful life of 142 years. As AC pipe is approximately 74% of Mesa Water's system, this finding reduced the pipeline replacement requirements over the 100-year period by \$352MM to \$200MM, including a reduction of \$210MM to \$62MM in the first 30 years of the replacement cycle (Figure 2).

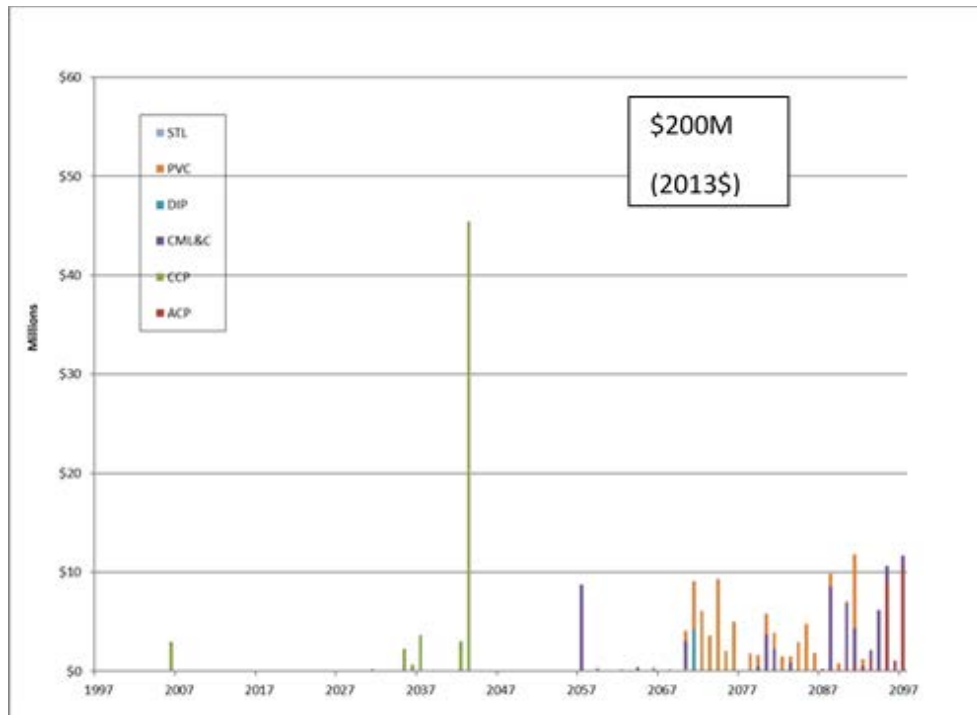


Figure 2. 100-Year Pipeline Renewal Forecast Implementing Resolution No. 1442, 2016.

While the findings and implementation of Resolution No. 1442 was beneficial to Mesa Water, it did not account for all of the factors for pipeline replacement planning. As pipeline walls thin and approach the minimum thickness required to withstand hydrostatic pressure, it is expected that these pipelines will experience breaks. However, one AC pipeline that testing showed to be near its critical thickness had no breaks. Additionally, when AC and metal pipelines that had experienced multiple breaks were sent for testing, the results often showed decades of remaining useful life. This led to re-evaluation of Resolution No. 1442 to take break performance into account as part of the remaining useful life characterization. In addition, the key destructive testing requirement by Resolution No. 1442, hydrostatic failure pressure of pipelines, is no longer available in the United States or Canada for AC pipe due to regulatory considerations.

Implementation of Resolution No. 1442 for metal pipelines greater than 8" in diameter was also problematic. Metal pipeline walls tend to thin where the soil is more corrosive. This tends to occur at discrete points along the pipeline rather than continuously along the pipeline alignment. Insertion tools for measuring pipeline steel wall thickness and remaining useful life are maturing for smaller diameter pipelines. However, technologies for condition assessment of large diameter metal pipe are not yet able to measure pipeline steel wall thickness and remaining useful life.

Resolution No. 1525 (2019 – present)

Resolution No. 1525, adopted in October 2019, uses the break history of the pipe cohort group and pipe condition assessment to drive replacement decisions. Pipe cohorts with a higher break rate (breaks per mile per year) or overall number of breaks in the pipe cohort's lifetime will trigger

a condition assessment using non-destructive testing to indirectly measure the remaining wall thickness and estimate remaining useful life. Pipe cohorts with lower break rates will be allowed to continue operation. Table 1 summarizes the break thresholds and actions required by pipe cohort group based on the criteria discussed above.

Table 1. Pipe Break Thresholds for Action Under Res. 1525

Type of Pipeline	Condition Assessment		Replacement		
	Number of Breaks	Break Rate (Breaks/mile/year)	Remaining Useful Life	Number of Breaks	Break Rate (Breaks/mile/year)
Distribution (14" Dia. and smaller)	3	0.2	<10 years and	5	1.0
Transmission (16" Dia. and greater)	2	0.2	<10 years and	3	0.5

DISCUSSION

Pipeline Performance – Fiscal Years (FY) 2020 – 2025

Since Resolution No. 1525 relies on break data, the implementation of Resolution No. 1525 required improvements to how break data was collected. A Break Identification training class for the Operations crews was developed and delivered in November 2019. This class provided the crews with easy to use forms to quickly and accurately gather the information needed for the PIP as they responded to main breaks. While FY 2020 and FY 2021 had very low numbers of breaks of 8 and 5 respectively, FY 2022 and FY 2023 have been more average years with 13 and 10 breaks respectively. FY 2024 and FY 2025 were low break years with 4 and 6 breaks. Table 2 summarizes the breaks by pipeline type and material. Only one break has occurred on a transmission main in the last six years, while the smaller distribution lines have experienced 45 breaks. Metal pipe is approximately 12 percent of the distribution system by length but has experienced half the breaks in the last two years.

Table 2. Breaks by Pipeline Type and Material

FY	Total Breaks	Distribution (Diameter less than 16")			Transmission (Diameter 16" and greater)
		ACP	Metal	PVC	Metal
2020	8	3	5	0	0
2021	5	3	1	0	1
2022	13	10	3	0	0
2023	10	9	0	1	0
2024	4	2	2	0	0
2025	6	2	3	1	0

Table 3 summarizes the cause of the breaks. In the past six years, pipe material structural failures were the cause of 30 of the 46 breaks. Nine of the failures were at fittings such as pipe connection collars, tapping saddles or end caps. Seven of the failures occurred when the pipelines were hit by maintenance or construction crews.

Table 3. Causes of Breaks

FY	Total Breaks	Contractor or Crew Hit	Fitting Failure	Pipe Failure	Other
2020	8	1	3	4	0
2021	5	0	1	4	0
2022	13	2	2	9	0
2023	10	1	1	8	0
2024	4	1	1	2	0
2025	6	2	1	3	0

Adding these recent breaks to the historic break data since 2003 and applying Resolution No. 1525 to the pipeline system demonstrates that approximately 97% of the pipeline system should remain in operation with no further action and approximately 3% of the system should receive condition assessment.

Condition Assessment FY 2020 – 2025

Exposed pipe testing is performed whenever a pipe is exposed, such as a break repair, valve replacement or new service connection. Condition assessment via non-destructive testing methods was attempted on AC pipe and metal pipe as warranted by the number of breaks per Resolution No. 1525.

Exposed Pipe Testing

Where possible during a break response or valve replacement on an AC pipe, a full ring sample of the AC is collected and sent to a lab for a combined phenolphthalein stain test and Scanning Electron Microscopy/Energy Dispersive X-Ray Spectroscopy (EDS) to calculate the remaining AC pipe wall structural thickness. The total useful life and remaining useful life of each sample is estimated using a linear degradation of the pipe wall from its original thickness. The average remaining useful life and total useful life of Mesa Water's AC pipelines is estimated using the cumulative results for all of the AC pipe samples collected. Table 4 summarizes the AC sample collection and analyses for FY 2020-2025. In FY 2022 and FY 2023, samples were collected by the contractors performing the Wilson Avenue Pipeline Replacement and the Valve Replacement Project in addition to the samples collected by Mesa Water staff, so a larger number of samples were collected and analyzed in these fiscal years. Based on 133 samples analyzed since 2015, the average remaining useful life of Mesa Water's AC pipe is 87 years; the average total useful life used to predict the replacement year for each segment is 143 years. No AC pipeline segments analyzed were recommended for replacement; however, one segment collected from a break at 980 Oak Street in 2025 had a relatively short remaining useful life of 29 years. Mesa Water's AC

pipe stock continues to perform well. The Board's decision to continue to operate AC pipe based on its documented performance and condition continues to be validated.

Table 4. Annual Exposed Pipe Testing, FY 2020 – FY 2025

FY	Number of Opportunistic AC Collected	Wall Thickness Reports Received	Useful Life Analyses Performed	Average Remaining Useful Life	Average Total Useful Life	Number of Pipelines Recommended for Replacement
2020	9	9	9	84	141	0
2021	13	13	13	82	140	0
2022	30	30	30	87	145	0
2023	41	41	41	89	144	0
2024-2025	9*	8*	8*	79	130	0
<i>*The installation year of one collected sample is not known so it was not sent for testing.</i>						

Non-Destructive Testing

Two AC cohort groups and two metal cohort groups were recommended for nondestructive testing condition assessment in FY 2024 based on their break rate, as summarized in Table 5.

Table 5. Condition Assessment Recommendations

Cohort Group	Location	Length (miles)	Number of Breaks	Break Rate (breaks/mile/year)
CM-10-D-AC	Westside Neighborhood	2.0	15	0.36
CM-45-D-AC	Bowdoin Place	0.2	4	1.2
CM-450-D-Metallic	Placentia to Newport & Wilson Avenue and 19 th Street	5.6	33	0.25
CM-204-D-Metallic	Starburst Court to Sundance Drive	0.08	5	2.8

AC Pipe Testing via e-Pulse

Mesa Water has used Mueller Echologics e-Pulse testing since 2013 as they are still the recommended non-destructive testing technology for AC pipelines. e-Pulse uses an acoustic wave administered from the top exterior of the pipeline to estimate the average remaining AC wall thickness over a known pipeline distance. It provides actionable information about the pipeline condition with no disruption to customer service and no risk to water quality. e-Pulse was most recently performed in May 2024 on the AC pipeline cohorts listed in Table 5. e-Pulse found AC pipeline wall loss of 34 to 61 percent in the 27 segments tested. Based on the annual rate of wall loss, remaining useful life was estimated as low as 35 years in a segment on National Avenue to as much as 137 years for the Pine Place pipeline. No immediate pipeline replacements were recommended based on the e-Pulse nondestructive testing.

Metal Pipe Testing via Hydrasna

In June of 2025, non-destructive testing of the CM-450-D- Metallic cohort group was attempted using Pipeline Inspection and Condition Analysis (PICA) Corporation's Hydrasna tool for detailed condition assessment of small-diameter metal pipe, including measurement of the remaining pipeline steel wall thickness. Unlike the Echologics e-Pulse, Hydrasna is an inside-the-pipe tool that requires customers to be out of service for the inspection. In order to clear the inside of the pipe for precise wall thickness measurements, the Hydrasna tool is preceded in the pipe by a scouring tool called a pig. Two unsuccessful attempts were made. At the pipeline in Avocado Street, the scouring was successful, but the Hydrasna tool got stuck in the hydrant lateral entering the pipeline. A crane was required to dislodge the Hydrasna tool from the pipeline. No further attempts were made at Avocado. At the pipeline in Maple Avenue, the scouring pigs became stuck in the pipeline. Once the scouring pigs were ultimately dislodged and retrieved, no attempt was made to insert the Hydrasna tool into the Maple Avenue pipeline. Five days after the work at Avocado Street, breaks occurred on consecutive weekend days on the Avocado Street pipeline. Crews worked through the weekend to make repairs and restore service. Due to the close proximity in time from the scouring of the Avocado Street pipeline and the breaks, staff assumes that the scouring was a contributing factor to the breaks. While the planned condition assessment and estimate of remaining useful life could not be performed in accordance with Resolution No. 1525, staff recommends classifying the Avocado Street pipeline as "failed" and budgeting for replacement in FY 2027 or 2028. Staff further recommends updating Resolution No. 1525 to allow for pipelines to be classified as failed when a break threshold has been reached and condition assessment cannot be performed. A draft update to Resolution No. 1525 is included as Attachment A.

Pipeline Renewal Planning under Resolution No. 1525

Applying the results of Resolution No. 1525 to the pipeline system pushes the major replacement program out to 2060, as shown in Figure 3. While this is generally good news, it does not account for replacements without condition assessment. As condition assessment is not always possible, this may not be a realistic planning and budgeting guideline.

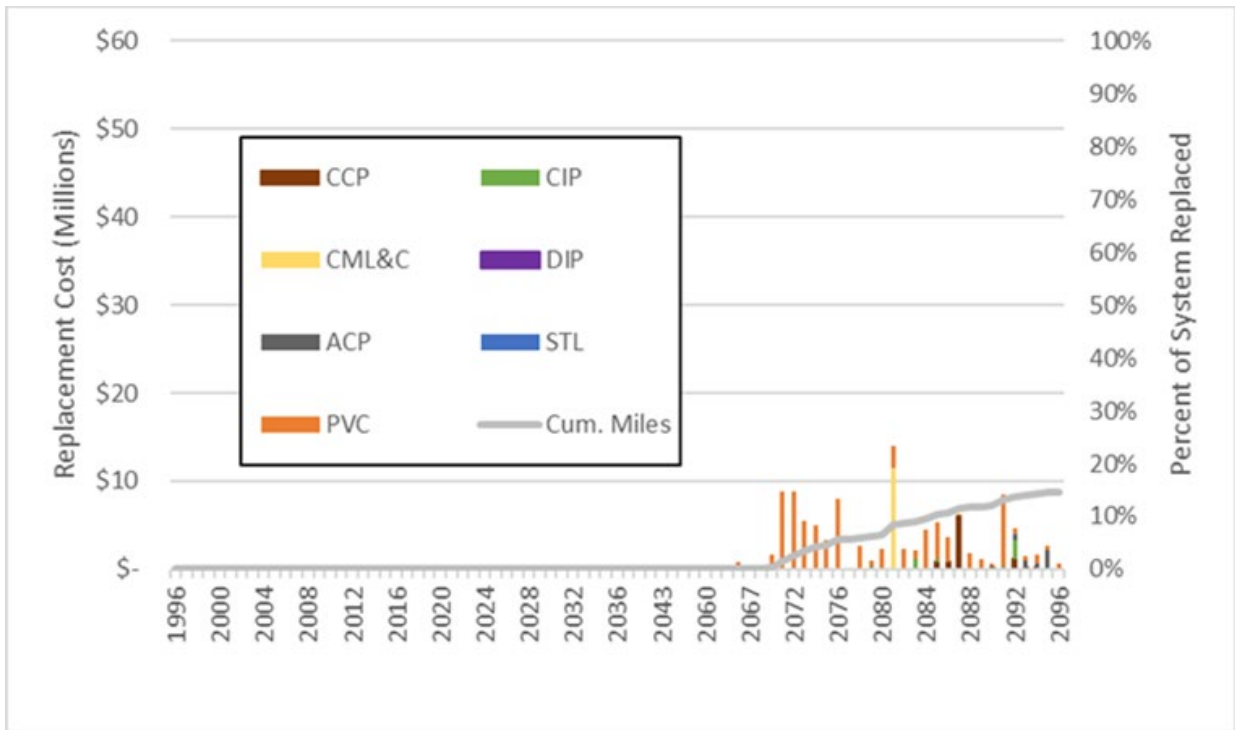


Figure 3. Pipeline Replacement Under Res. No. 1525.

Condition Assessment in the Capital Improvement Program (CIP) Update

A part of the Capital Improvement Program (CIP) Update performed by Carollo Engineers, field condition assessment of the cathodic protection systems on metallic transmission lines was performed in FY 2024, as well as a desktop review of the break and condition assessment data collected as part of the Pipeline Integrity Program. The condition assessment of the cathodic protection systems found damaged or missing equipment, and recommended repairs to provide adequate corrosion protection for the metallic transmission lines. Prior to implementing the cathodic protection repairs, Carollo also recommended that condition assessment be performed on the transmission lines to ensure that the transmission lines have sufficient remaining useful life to warrant the investment in cathodic protection. Staff recommends that the cathodic protection testing and repair program be managed as part of the Pipeline Integrity Program beginning in FY 2026. Staff also recommends updating Resolution No. 1525 per Attachment A to include maintenance of pipeline protection systems including cathodic protection.

Resolution No. 1525 defines transmission lines as 16 inches in diameter and greater, and calls for condition assessment of transmission lines with two breaks or 0.2 breaks per mile per year. Transmission lines are approximately 60 miles of the 318 miles of pipeline. Fortunately, since the slip lining repair of OC-44 in 2019, Mesa Water's transmission lines have experienced only one break. Transmission lines can have a particularly high consequence of failure due to their size and their role in water conveyance. The larger size of transmission lines means that any break can release a large volume of water and lead to high cost property damage. As a 100% groundwater system, there are key transmission lines that convey water from the well field and MWRf to the



reservoirs, as well as from the reservoirs to the distribution system. A break in these key transmission lines could greatly impact our operations. Staff recommends updating Resolution No. 1525 per Attachment A to allow condition assessment of high consequence of failure transmission lines with no breaks at 90% of their age-based useful life.

FINANCIAL IMPACT

In FY 2026, \$200,000 is budgeted for the Pipeline Integrity Program; no funds have been spent to date.

ATTACHMENTS

Attachment A: Draft Resolution No. 1525 Replacement of Assets, Redline

RESOLUTION NO. ~~1525~~XXXX

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~~ November 12, 2025, 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 ~~1012~~th day of ~~Octo~~November 20~~1925~~ 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~~XXXX

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:

Figure 1 – Pipeline Management Decision Making Methodology

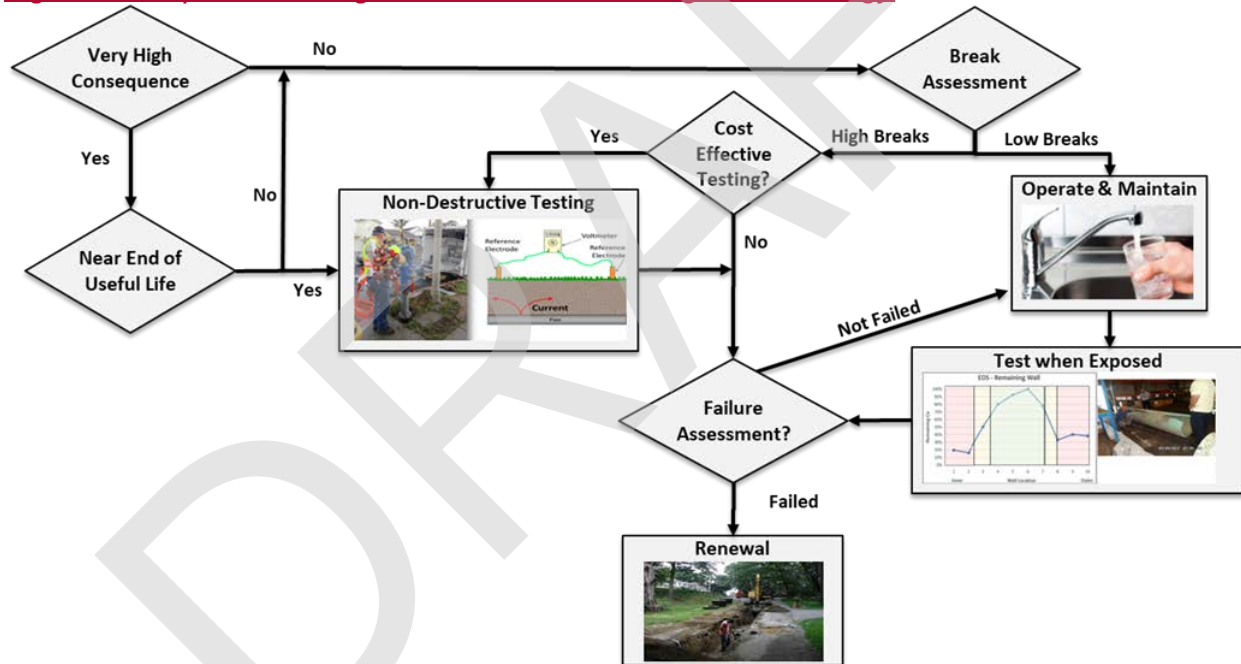
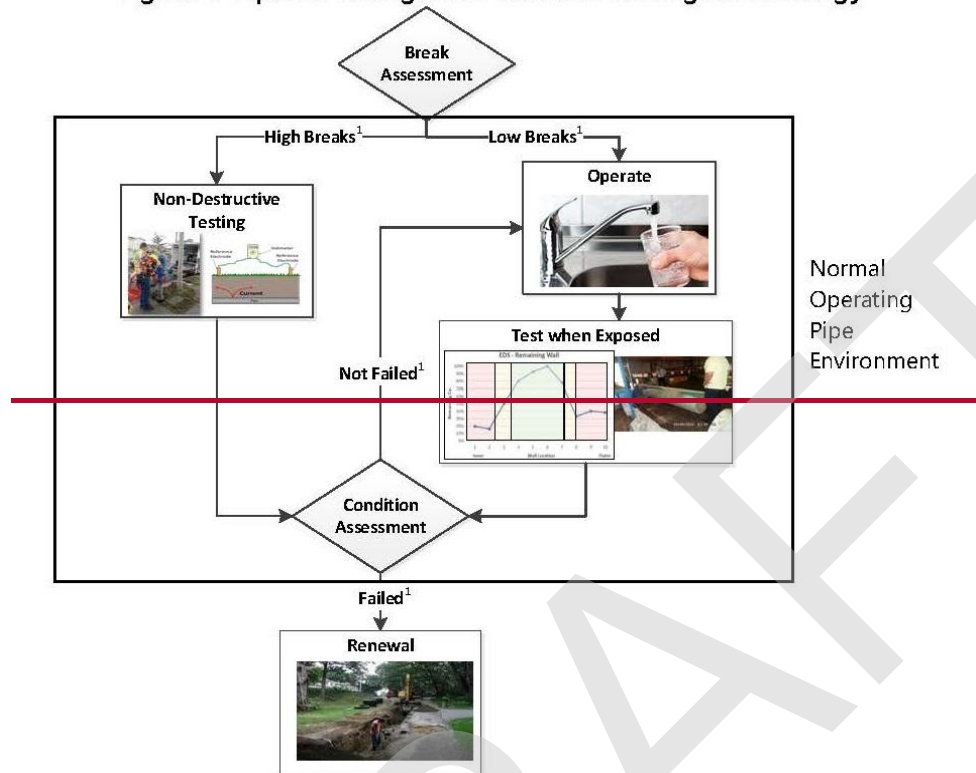


Figure 1. Pipeline Management Decision Making Methodology



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 AWWA'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 breaks

2. Broken within the past 5 years, and

3. Break rate exceeds 0.4 annual breaks per mile

ii. Transmission cohorts

1. 3 or more breaks

2. Broken within the past 5 years, and

3. Break rate exceeds 0.3 annual breaks per mile

b-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.

e)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) 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) Staff shall refine and continuously improve this policy as lessons are learned.



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Andrew D. Wiesner, P.E., District Engineer
DATE: October 22, 2025
SUBJECT: Reservoirs 1 and 2 Pump Station Upgrades Project Quarterly Update

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.

PRIOR BOARD ACTION

At its March 23, 2021 Committee meeting, the Board of Directors (Board) approved the proposed recommendations for the Water Supply, Energy, and Supply Chain Reliability Assessment as identified in the Executive Summary and Technical Memorandums 1, 2, and 3, and directed staff to implement them as part of the Capital Improvement Program Renewal (CIPR).

At its October 26, 2021 Committee meeting, the Board received a presentation regarding the Reservoirs 1 and 2 Pump Station Upgrades Project.

At its June 28, 2023 meeting, the Board approved the reduction of scope for the Reservoirs 1 and 2 Pump Station Upgrades Project to remove the Reservoir 2 Pump Station conversion from natural gas engine driven pumps to electrically driven pumps.

At its November 8, 2023 meeting, the Board awarded a contract to Pacific Hydrotech Corporation (Pacific Hydrotech) for \$14,764,900 and a 10% contingency of \$1,476,490 for a total amount not to exceed \$16,241,390 for the construction of the Reservoirs 1 and 2 Pump Station Upgrades Project, directed staff to negotiate a contract end date, and authorized execution of the contract.

Since April 2024, the Board has received a quarterly update on the Reservoirs 1 and 2 Pump Station Upgrades Project.

At its July 10, 2024 meeting, the Board awarded a contract to Lee + Ro, Inc. for \$271,500 and a 10% contingency of \$27,150 for a total contract amount not to exceed \$298,650 to provide Engineering Services During Construction for the Reservoirs 1 and 2 Pump Station Upgrades Project.

At its June 25, 2025 meeting, the Board awarded a contract to Black & Veatch Corporation for an amount not to exceed \$552,359 to provide Construction Management and Inspection Services for the Reservoirs 1 and 2 Pump Station Upgrades Project, and authorized execution of the contract.



BACKGROUND

Mesa Water District (Mesa Water®) delivers abundant, local, reliable and safe potable water to its ratepayers using nine groundwater wells and two storage reservoirs, each with a pump station. Constant pressure in the distribution system is supplied by the groundwater well pumps, with the reservoirs and associated pump stations serving to balance flow and pressure with demand. The reservoirs also provide a total of 28 million gallons of storage that can be used during peak demands, maintenance events, or firefighting. However, water quality issues have limited the amount of water that can be reliably stored. Additionally, the current reservoir pump stations utilize natural gas engines to drive the main pumps and electric motors for the smaller jockey pumps that manage low flow requirements. These gas engines are near the end of their useful life and require replacement. In 2020, a Water Supply, Energy, and Supply Chain Reliability Assessment was completed which recommended replacing the gas engines with electric motors and diesel generator back-up power. The recommendation was based on the standardization of pump drive and backup technologies with the clear wells.

The purpose of the Reservoirs 1 and 2 Pump Station Upgrades Project is to improve overall system reliability and streamline operations and maintenance. The following components were included in the scope of work for the project:

- Replacement of natural gas engine driven pumps with electric motor driven pumps at Reservoir 1
- Replacement of propane backup systems with standby diesel generators at Reservoir 1
- Demolition of hydro turbines at Reservoir 1
- Comprehensive rehabilitation of pumping systems piping, valves and instrumentation at Reservoir 1
- Replacement of electrical gear to support new electrical systems at Reservoir 1
- Upgrade of Southern California Edison (SCE) services for both reservoir sites
- Upgrade of selected structures and maintenance facilities
- Replacement of existing slurry dewatering pit at Reservoir 1
- Addition of two new electric motor driven jockey pumps at Reservoir 2
- Incorporation of new chemical facilities at both reservoirs

DISCUSSION

In November 2023, the Board awarded a contract to Pacific Hydrotech for the construction of the Reservoirs 1 and 2 Pump Station Upgrades Project. Since the last quarterly update, Pacific Hydrotech has continued to work at both Reservoir 1 and Reservoir 2. Work at the Reservoir 1 site has primarily been in the Yard. The Dewatering Pit is substantially complete and is in operation. The Reservoir 1 Management System concrete containment areas and equipment pads have been poured and cured. The storage tanks arrived in September 2025 and are set. The foundation for the Heavy Equipment Port has been poured and is cured. The prefabricated building structural steel arrived in April 2025 and was anchored to the foundation. Construction of the building fire-rated panels was relocated to avoid unexpected tariffs. The building panels arrived in August 2025. Because of the proximity of the Heavy Equipment Port to the Southern California Edison (SCE) power pole and wires, completion of the building has been delayed until

the planned power outage for SCE to set the new transformer.

At Reservoir 2, Pacific Hydrotech has poured and completed the coating of the concrete for the Reservoir Management System. The storage tanks arrived in August 2025 and were set. Pacific Hydrotech completed installation of electrical duct banks and power for the sample pump in Reservoir 2. The sample pump skid was installed in Reservoir 2, and the mixers were relocated per the supplier's recommendation for relative locations of the mixers and sample pump. Commissioning of the Reservoir Management System is planned in October 2025.

Prior to beginning work, Mesa Water's construction outreach consultant canvassed the neighborhoods surrounding both Reservoirs 1 and 2. To date, no calls or complaints have been received regarding the construction.

FINANCIAL IMPACT

The Reservoirs 1 and 2 Pump Station Upgrades Project is scheduled to be constructed from Fiscal Year 2024 to Fiscal Year 2026. A summary of the project's construction phase planned monthly expenditures versus actual monthly expenditures is shown in Figure 1.

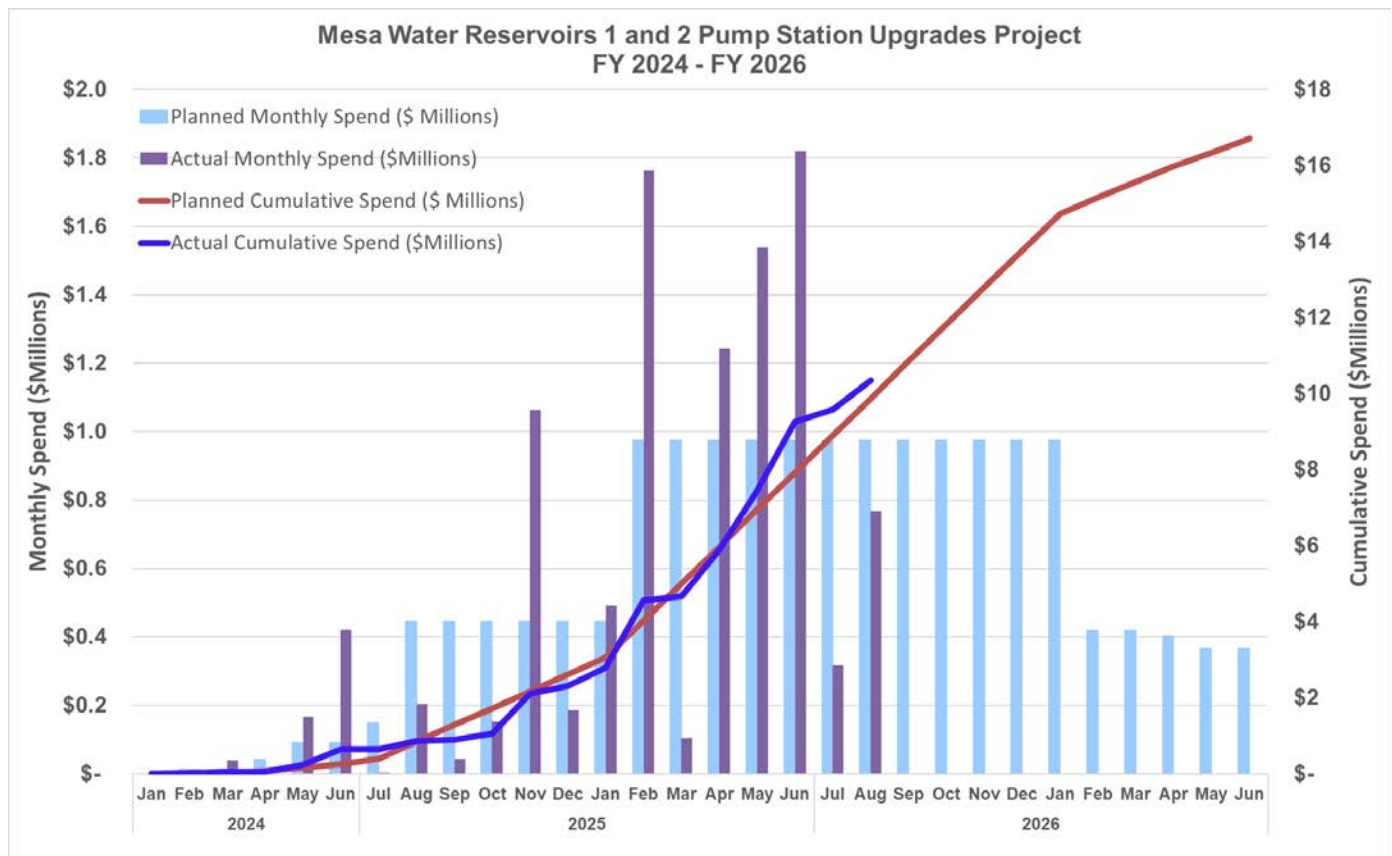


Figure 1. Planned Monthly Expenditures vs. Actual Monthly Expenditures



\$19,500,000 is budgeted for the Reservoirs 1 and 2 Pump Station Upgrades Project; \$10,350,000 has been spent to date.

	Project Estimate <u>Amounts</u>	Project Cost <u>Amounts</u>
Project Estimate	\$19,500,000	
Original Contracts		\$18,629,000
Change Orders		\$ 32,000
Requested Funding		<u>\$ 0</u>
Revised Contracts		<u>\$18,661,000</u>
Actual Spent to Date		\$ 10,350,000
Revised Project Estimate	\$19,500,000	

ATTACHMENTS

None.



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Andrew D. Wiesner, P.E., District Engineer
DATE: October 22, 2025
SUBJECT: Local Groundwater Supply Improvement Project

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 January 25, 2023 meeting, the Board of Directors (Board) authorized staff to commit \$250,000 from Mesa Water for a U.S. Bureau of Reclamation (USBR) WaterSmart Water grant for a feasibility study regarding brackish groundwater desalination and to offer to partner with Orange County Water District (OCWD) and neighboring cities.

At its April 18, 2023 workshop, the Board received a presentation regarding the Local groundwater Supply Improvement Project (Local SIP).

At its October 30, 2023 and March 19, 2024 workshops, the Board received a presentation regarding the Local SIP.

At its May 22, 2024 meeting, the Board awarded a contract to Black & Veatch Corporation for \$524,085 and a contingency of \$52,409 for an amount not to exceed \$576,494 for the Local SIP, in partnership with Orange County Water District, the City of Huntington Beach, and the City of Newport Beach.

At its September 11, 2024 meeting, the Board received a presentation regarding the Local SIP.

At its October 29, 2024 and April 13, 2025 workshops, the Board received a presentation regarding the Local SIP.

At its August 13, 2025 meeting, the Board approved a contract amendment with Black & Veatch for \$5,612 for a total authorized contract amount not to exceed \$582,105 to engage Clean Energy Capital to develop financial modeling and funding strategy support for the Local SIP.

DISCUSSION

The Local SIP would develop a brackish groundwater desalination facility located seaward of the groundwater injection barrier within the Mesa Water District (Mesa Water®), City of Huntington



Beach and City of Newport Beach service areas. The initial phase of the Local SIP is a feasibility study. The Local SIP study is being executed and funded through a partnership between Mesa Water (as the lead agency), the City of Huntington Beach, the City of Newport Beach and Orange County Water District, with Mesa Water receiving a \$250,000 grant from the U.S. Bureau of Reclamation (USBR) to fund 50% of the study. The feasibility study was submitted to USBR for review in September 2025 and is included as Attachment A.

Staff will deliver a presentation on the Local SIP to the Board at its October 22, 2025 meeting.

FINANCIAL IMPACT

None.

ATTACHMENTS

Attachment A: Local SIP Title XVI Feasibility Study

FINAL

LOCAL GROUNDWATER SUPPLY IMPROVEMENT PROJECT (LOCAL SIP)

WaterSMART: Title XVI Feasibility Study

BLACK & VEATCH PROJECT NO. 420122

PREPARED FOR



Mesa Water District

9 OCTOBER 2025



Table of Contents

Executive Summary	1
Introduction	1
Goals and Objectives	2
Alternatives Analysis	2
Proposed Project	4
Conclusions	4
1.0 Introduction	1-1
1.1 Non-Federal Project Sponsors	1-1
1.1.1 Mesa Water District	1-1
1.1.2 Orange County Water District	1-1
1.1.3 City of Huntington Beach	1-1
1.1.4 City of Newport Beach	1-2
1.2 Description of Study Area	1-4
1.3 Definition of Study Area	1-6
1.3.1 Imported Water Through MWDOC	1-6
1.3.2 Local Groundwater Supplies	1-6
1.3.3 Drinking Water Distribution System	1-9
1.3.4 Brine Disposal System	1-11
1.3.5 OCWD Basin Replenishment	1-12
2.0 Statement of Problems and Needs	2-1
2.1 Description of Problem and Need for Project	2-1
2.1.1 Imported Water Supply Risk	2-1
2.1.2 OC Basin Seawater Intrusion	2-3
2.1.3 Increasing Population Growth and Demand	2-5
2.2 Description of Current and Projected Water Supplies	2-6
2.3 Description of Current and Projected Water Demands	2-6
2.4 Description of Water Quality Concerns	2-8
2.4.1 Seawater Intrusion	2-8
3.0 Water Reclamation, Recycling or Desalination Opportunities	3-1
3.1 Description of All Uses for Groundwater	3-1
3.2 Description of Water Market	3-2
3.2.1 Existing and Potential Users	3-2
3.2.2 Consultation With Potential Customers	3-2
3.2.3 Market Assessment Procedures	3-3
3.3 Considerations Which May Prevent Project Implementation	3-3
3.4 Agencies with Jurisdiction	3-4
3.5 Potential Brackish Groundwater Sources to be Desalinated	3-4
3.5.1 Talbert Gap	3-5

3.5.2	Bolsa Gap.....	3-6
3.5.3	Huntington Beach Mesa	3-6
3.5.4	Newport Beach Mesa.....	3-7
3.6	Description of Location and Source Water.....	3-7
3.6.1	Groundwater Model.....	3-7
3.6.2	Location of Groundwater Wells.....	3-8
3.6.3	Seaward Talbert Gap Flow and Quality.....	3-9
3.7	Current Groundwater Desalination in the Study Area	3-10
3.8	Other Wastewater Disposal Options	3-10
3.9	Desalination Technology in Use in Study Area.....	3-11
4.0	Description of Alternatives	4-1
4.1	Non-Federal Funding Condition.....	4-1
4.2	Alternative Objectives	4-1
4.3	Description of Project With Cost Estimate	4-1
4.3.1	Project Description.....	4-1
4.3.2	Groundwater Wells.....	4-2
4.3.3	Site Procurement.....	4-2
4.3.4	Treatment Process and Facility Area.....	4-3
4.3.5	Design Capacity and Annual Yield	4-3
4.3.6	Distribution	4-4
4.3.7	Brine Disposal.....	4-6
4.3.8	Local Supply Improvement Project Cost Estimate	4-7
4.3.9	Class 5 OPCC Direct Costs	4-8
4.3.10	Project Costs	4-9
4.3.11	Operating Costs.....	4-9
4.4	Feasibility Study Level Project Cost Estimate	4-9
4.5	Waste-stream Disposal and Water Quality	4-12
4.6	Alternative Measures or Technologies for Reclamation, Distribution, and Reuse.....	4-12
4.6.1	Slant Wells	4-12
4.6.2	High Recovery Reverse Osmosis	4-12
5.0	Economic Analysis	5-1
5.1	Existing and Projected Future Conditions With and Without Project.....	5-1
5.2	Alternatives Cost Comparison.....	5-2
5.3	Description of Water Supply Alternatives	5-5
5.4	Alternatives Cost Comparison in Absence of Project.....	5-6
5.5	Project Benefits	5-6
6.0	Selection of the Proposed Title XVI Project	6-1
6.1	Selected Alternative	6-1
6.2	Project Impacts to Existing and Future Supplies	6-1
6.2.1	New or Expanded Water Supplies	6-1

6.2.2	Reduction or Elimination of the Use of Existing Diversions or Withdrawals	6-1
6.2.3	Existing Federal Water Supply Facilities	6-2
6.2.4	New or Expanded Wastewater Facilities	6-2
7.0	Environmental Considerations and Potential Effects	7-1
7.1	Environmental Considerations for Assessing NEPA Compliance	7-1
7.1.1	Potential Significant Impacts	7-2
7.1.2	Potential Significant Environmental Impacts	7-11
7.1.3	Status of Required Environmental Compliance Measures	7-12
7.1.4	Additional Information	7-12
7.1.5	Regional Effects on Water Supply and Water Quality	7-13
7.1.6	Feasibility Study Public Involvement	7-14
7.1.7	Potential Effects on Historic Properties	7-14
7.2	NEPA Compliance	7-15
8.0	Legal and Institutional Requirements	8-1
8.1	Potential Water Right Issues	8-1
8.2	Potential Legal and Institutional Requirements with Potential to Impact Implementation	8-1
8.3	Multi-Jurisdictional or Interagency Agreements	8-1
8.4	Implementation Permitting Procedures	8-2
8.5	Unresolved Issues for Implementation	8-2
8.6	Waste Discharge Requirements	8-3
8.7	Wastewater Discharge Rights	8-3
9.0	Financial Capability of Sponsor	9-1
9.1	Implementation Schedule	9-1
9.2	Project Sponsor Willingness to Pay	9-1
9.3	Funding Plan	9-1
9.4	Funding Sources	9-2
10.0	Research Needs	10-1
10.1	Research Needs	10-1
10.2	Basis for Reclamation Participation in Research	10-2
10.3	Parties Administering and Conducting Research	10-2
10.4	Research Timeframe	10-2
11.0	References	11-1
Appendix A.	Class 5 Opinion of Probable Construction Costs (OPCC)	A-1
Appendix B.	Operational Expenses (OPEX) Summary	B-1

LIST OF TABLES

Table ES-1	Alternatives 30-Year Net Present Value Cost Comparison	3
------------	--	---

Table 1-1	MWDOC Distribution Lines in the Study Area	1-9
Table 2-1	Current Demand Management Practices	2-5
Table 2-2	Projected Supplies	2-6
Table 3-1	Key Constituents	3-2
Table 3-2	Agencies with Potential Jurisdiction.....	3-4
Table 3-3	Talbert Gap Modeled Water Quality	3-10
Table 4-1	Local SiP (5.35 MGD) Groundwater Wells Flow and Depth Information	4-2
Table 4-2	Treatment Process Descriptions.....	4-3
Table 4-3	Design Capacity Summary.....	4-4
Table 4-4	Local Supply Improvement Project 5.35 MGD Cost Summary.....	4-8
Table 4-5	Class 5 OPCC Direct Costs Summary	4-8
Table 4-6	Local SiP Project Costs.....	4-9
Table 4-7	Project Life-Cycle Costs.....	4-10
Table 4-8	30-Year Life Cycle Cost Breakdown for 5.35 MGD Alternative	4-11
Table 5-1	Projected Supply Gap by 2045	5-2
Table 5-2	Alternatives Cost Comparison.....	5-4
Table 5-3	Qualitative Project Benefits	5-7
Table 7-1	Federal and State Listed Species, Study Area Polygon, Orange County, California.....	7-7
Table 7-2	Migratory Bird Resources, Study Area Polygons, Orange County, California	7-9
Table 8-1	Potential Permits	8-2
Table 9-1	Anticipated Project Schedule	9-1
Table B-1	Continuous Use Chemical Dosing Operational Costs	B-1
Table B-2	Intermittent Use Chemical Dosing Operational Costs	B-1
Table B-3	Process Consumables.....	B-2
Table B-4	Additional Fees.....	B-2
Table B-5	Spare Parts and Maintenance Operational Costs.....	B-2
Table B-6	Labor Operational Costs	B-3
Table B-7	Opinion of Annual Operational Costs	B-3

LIST OF FIGURES

Figure ES-1	Net Present Value Break-even Point	4
Figure 1-1	Non-Federal Project Sponsors' Service Areas.....	1-3
Figure 1-2	Local Groundwater Supply Improvement Study Area	1-5
Figure 1-3	MWD Member Agencies Map.....	1-7
Figure 1-4	Orange County, California Groundwater Basin Map	1-8
Figure 1-5	Mesa Water Within the OC Basin	1-9
Figure 1-6	MWD Distribution Lines in the Study Area.....	1-10
Figure 1-7	Brine Lines Within the Study Area	1-11
Figure 2-1	Drought Status Map	2-2

Figure 2-2	Orange County Drought Status 2000-2025.....	2-2
Figure 2-3	OCWD Coastal Aquifer Mergence Zones and Chloride Concentration Map	2-4
Figure 2-4	Population Served by Project Stakeholders Growth Projection	2-5
Figure 2-5	Projected Supply and Demand	2-7
Figure 2-6	Supply and Demand with Local SiP Supplemented Supply (AFY).....	2-8
Figure 3-1	Overview of Potential Brackish Production Areas	3-5
Figure 3-2	Location of Project Wells.....	3-8
Figure 4-1	Treatment Block Flow Diagram.....	4-3
Figure 4-3	Proposed Local SIP Infrastructure	4-5
Figure 4-4	Interplant Trunkline Map.....	4-7
Figure 5-1	Net Present Value Break-even Point	5-5
Figure 5-2	Disadvantaged Communities Map.....	5-8

ACRONYMS AND ABBREVIATIONS LIST

BEA	Basin Equity Assessment
BGEPA	Bald and Golden Eagle Protection Act
BPP	Basin Production Percentage
CaCO ₃	Calcium Carbonate
CCRO	Closed-Circuit Reverse Osmosis
CDFW	California Department of Fish and Wildlife
CESA	California Endangered Species Act
CEQA	California Environmental Quality Act
CFGC	California Fish and Game Commission
CHRIS	California Historical Resource Information System
CRA	Colorado River Aqueduct
CRHR	California Register of Historic Resources
CWA	Clean Waters Act
DAC	Disadvantage Communities
DWR	Department of Water Resources
ESA	Endangered Species Act
FTEs	Full Time Employees
GRF	Groundwater Recovery Facility
GWMP	Groundwater Management Plan
GWRS	Groundwater Replenishment System
Huntington Beach	City of Huntington Beach
IPaC	Information for Planning and Consultation
kWH	Kilowatt-hour
Local SiP	Local Groundwater Supply Improvement Project
LRP	Local Resources Program
MBTA	Migratory Bird Treaty Act
MCLs	Maximum Containment Levels
Mesa Water	Mesa Water District
MG	Million Gallons
mg/L	Milligrams per Liter
MWD	Metropolitan Water District of Southern California
MWDOC	Municipal Water District of Orange County
MWRF	Mesa Water Reliability Facility
NEPA	National Environmental Policy Act
Newport Beach	City of Newport Beach
NHPA	National Historic Preservation Act

NPDES	National Pollutant Discharge Elimination System
NPPA	California Native Plant Protection Act
NPV	Net Present Value
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
OC Basin	Orange County Groundwater Basin
OC San	Orange County Sanitation District
OCWD	Orange County Water District
OPCC	Opinion of Probable Construction Cost
OPEX	Operational Expenses
PEC	Policy and Environmental Compliance
ppm	Parts Per Million
RA	Replenishment Assessment
RM D&S	Reclamation Manual Directive and Standards
RWQCBs	Regional Water Quality Control Boards
SCWD	South Coast Water District
SDWA	Safe Water Drinking Act
SGMA	Sustainable Groundwater Management Act
SHPO	State Historic Preservation Office
SWP	State Water Project
SWRCB	State Water Resources Control Board
T&E	Threatened and Endangered
Talbert Barrier	Talbert Seawater Intrusion Barrier
TDS	Total Dissolved Solids
Title XVI	WaterSMART Title XVI Water Reclamation and Reuse Program
USBR	United States Bureau of Reclamation
USFWS	U.S. Fish and Wildlife Service
UWMP	Urban Water Management Plan
WDRs	Waste Discharge Requirements
WOTUS	Waters of the United States

Executive Summary

The feasibility study for the Local Groundwater Supply Improvement Project (Local SiP), prepared by Mesa Water District (Mesa Water), is submitted for the US Bureau of Reclamation's (USBR) WaterSMART Title XVI Water Reclamation and Reuse Program (Title XVI) for a brackish groundwater desalination facility. Mesa Water is submitting this feasibility study in conjunction with the project stakeholders of Orange County Water District (OCWD), City of Huntington Beach (Huntington Beach), and City of Newport Beach (Newport Beach) to address regional water supply issues.

To ease Reclamation's review, the document layout aligns with WTR 11-01, Section 5 Requirements, for a Title XVI Feasibility Study Report. Not all required sections are relevant to the proposed Local SiP. However, these sections are included in the document to confirm that they were considered but were inapplicable.

Introduction

The proposed Local SiP will provide a regional benefit to all project stakeholders. Mesa Water, Huntington Beach, and Newport Beach all work together with OCWD and the Municipal Water District of Orange County (MWDOC) to ensure a safe and reliable water supply to the community.

Mesa Water is an independent special district that provides water service to 110,000 customers in a service area that includes Costa Mesa, a portion of Newport Beach, and John Wayne Airport. Currently, Mesa Water provides 100% locally sourced drinking water to its service area. The water provided is a blend of groundwater from the Orange County Groundwater Basin (OC Basin) Principal Aquifer System and a Deep Aquifer System that are both managed by OCWD. The Deep Aquifer System contains amber-colored groundwater which is treated at the Mesa Water Reliability Facility (MWRF). The MWRF can serve up to 50% of the community's water demands if needed.

In emergency situations, Mesa Water purchases imported water from the State Water Project (SWP) and the Colorado River Authority (CRA) from the Metropolitan Water District of Southern California (MWD) through MWDOC. Both Huntington Beach and Newport Beach currently source approximately 15% of their drinking water from imported water.

There are several challenges driving the need for the Local SiP. First, north-central Orange County currently lacks a diverse range of influent water resources. Additionally, the coastal community surrounding the Local SiP study area is impacted by the extreme drought conditions that have significantly reduced the availability of imported water supplies from the SWP and the CRA. California's Water Supply Strategy: Adapting to a Hotter, Drier Future, adopted by the Newsom Administration in 2022, anticipates the loss of 10% of the state's water supply due to changing weather patterns by 2040. The uncertainty around the future availability of imported water supplies and the approaching reduction of California's contractual rights to the Colorado River water, make it essential that Orange County continues to protect its economy, public health, and safety by developing new, locally controlled potable water supplies.

In addition, brackish groundwater from seawater intrusion further strain the water supply. The Local SiP study area covers a variety of shallow, principal, and deep aquifers of the OC Basin. However, some of the regions have total dissolved solids (TDS) concentrations exceeding 2,000 milligrams per liter (mg/L). The high TDS levels present challenges for potable water use, although current conditions indicate that saline water in Talbert Gap is largely being maintained seaward of the existing Talbert Barrier and is not an active threat to inland production wells. A local SiP project would create an extraction trough that pulls

some of the injection water at the Talbert Barrier seaward, inducing additional capture of brackish and seawater intrusion that would otherwise be slowly flushing toward the ocean. In this way the project does not create an entirely new supply, but instead provides a managed opportunity to recover and treat high-TDS groundwater seaward of the barrier—supplementing local sources, offsetting imported water, and potentially increasing the long-term effectiveness of the Talbert Barrier.

Goals and Objectives

Mesa Water and the project stakeholders established the following goals and objectives to guide the development of the Local SiP:

1. Add 5 to 8 million gallons per day (MGD) of potable water supply
2. Reduce reliance on imported water
3. Improve the region's ability to withstand droughts and changing weather patterns
4. Protect the groundwater basin from further seawater intrusion
5. Provide the most cost-effective alternative with the highest beneficial use of brackish groundwater

Alternatives Analysis

The following three alternatives were developed for evaluation in this feasibility study:

5.35 MGD Brackish Groundwater Treatment Facility

The first alternative consists of a 5.35 MGD brackish groundwater treatment facility. A total of five groundwater wells located evenly along the seaward portion of the Talbert Gap would pump 8.0 MGD of brackish groundwater to a new treatment facility. The brackish groundwater desalination facility would include a reverse osmosis (RO) feed tank, cartridge filters, 2-pass RO system, post-treatment including carbon dioxide and hydrated lime, disinfection, and a finished water pump station. The 5.35 MGD of finished water will be treated to drinking water standards and tied into an existing distribution line to serve Mesa Water, Newport Beach, and Huntington Beach customers. Brine concentrate from the RO system will be conveyed to Orange County Sanitation District's (OC San's) Interplant Trunkline to ultimately be discharged through their ocean outfall system.

2.65 MGD Brackish Groundwater Treatment Facility

The second alternative is a 2.65 MGD brackish groundwater treatment facility. Similar to the first alternative, there would be five groundwater wells spread evenly along the seaward portion of the Talbert Gap to pump brackish groundwater to a new treatment facility. However, only 4.0 MGD would be pumped from the groundwater basin. This alternative was considered because according to the current groundwater model, pumping 4.0 MGD from the Talbert Gap does not pose a concern for land subsidence in the area. As discussed in Section 10.1, the groundwater model needs further recalibration to determine a more accurate limit of groundwater pumping.

The treatment process flow diagram would be the same as the first alternative, but with fewer pieces of equipment to reflect the reduced treated water flow capacity. This alternative would produce 2.65 MGD of finished water treated to drinking water standards and tied into an existing distribution line to serve Mesa Water, Newport Beach, and Huntington Beach customers. Brine concentrate from the RO system will be conveyed to OC San's Interplant Trunkline to ultimately be discharged through their ocean outfall system.

No Project Alternative

The No Project Alternative would consist of Mesa Water, Huntington Beach, and Newport Beach continuing to rely on imported water from the SWP and CRA. There would be no further diversification of the region's water supply portfolio. Given the severe drought conditions caused by changing weather patterns in the study area, continuing with the current water management strategies of imported water reliance presents an increased risk to water supply. In addition to reliability risks, there are significant economic risks as reflected by historical and projected annual imported water price increases. For example, MWDOC is anticipating a 11.5% imported water rate increase from 2027 to 2028. Per project stakeholder input and MWDOC inflation rate projections, a treated imported water inflation rate of 9.0% was used for the first 10 years and 7.2% for the remaining 20 years of the alternatives cost analysis. Due to these risks for the study area, this alternative does not meet Mesa Water's objectives of providing sustainable water supply to its customers.

The cost comparison between the three alternatives described above is shown in Table ES-1.

Table ES-1 Alternatives 30-Year Net Present Value Cost Comparison

Cost Component	5.35 MGD Brackish Groundwater Treatment Facility ¹	2.65 MGD Brackish Groundwater Treatment Facility ¹	Import 5.35 MGD of Treated Water (No Project Alternative) ^{1, 2}
Total Construction Costs	\$276.9 M	\$193.3 M	-
Total Project Cost ⁴	\$317.5 M	\$223.4 M	-
Total Project Cost less 20% Grant	\$254.0 M	\$178.7 M	-
OPEX Costs (Year 2025) ⁵	\$8.870 M	\$4.771 M	\$9.625 M
30-Year Net Present Value (NPV)	\$448.5 M	\$284.4 M	\$490.6 M
Annual Project Yield (AFY)	5,993	2,996	5,993
Lifetime Project Yield (AF)	179,800	89,890	179,800
First Year Unit Cost per AF (2025)	\$2,671	\$3,459	\$1,606
Unit Cost per AF ³	\$2,495	\$3,163	\$2,728
1. The interest rate, discount rate, inflation rate, and other cost assumptions are described in Section 4.4. 2. A treated water cost baseline (2025) of \$1,528 was used with a 9.0% treated imported water inflation rate for the first 10 years followed by 7.2% for the remaining 20 years. 3. Unit cost per AF is in 2025 dollars over the next 30 years. 4. Project costs include total construction costs, site procurement, and consultant's design fee as described in Section 4.3.10. 5. OPEX costs are defined in Section 4.3.11 and Appendix B.			

Comparing the 5.35 MGD Brackish Groundwater Treatment Facility Alternative with the No Project Alternative, the break-even point in cumulative present value may occur anywhere between year 18 and year 25 of the 30-year analysis as shown in Figure ES-1.

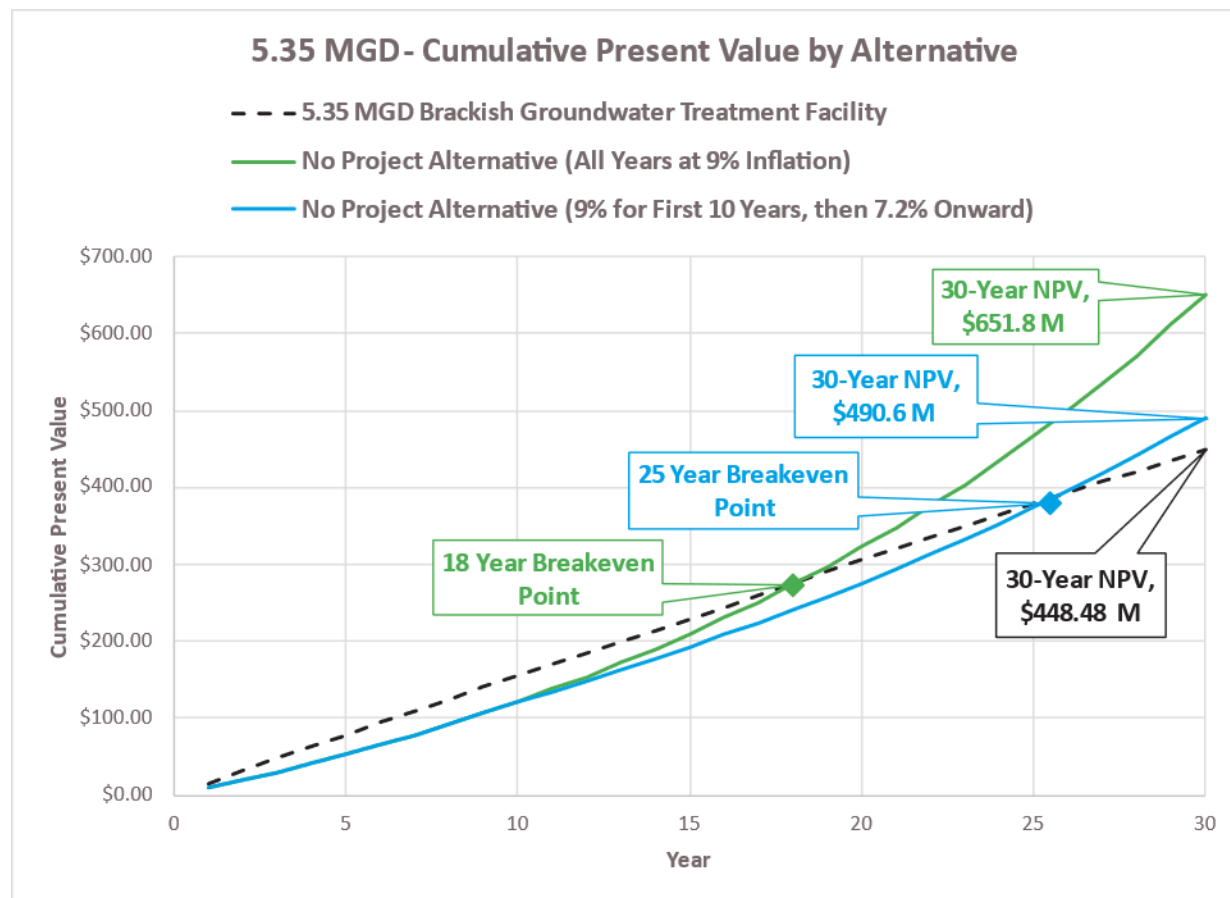


Figure ES-1 Net Present Value Break-even Point

Proposed Project

The Local SiP proposed project is the 5.35 MGD Brackish Groundwater Treatment Facility, based on both quantitative and qualitative assessments. Not only does this alternative have the lowest unit cost per AF, but it also meets all of Mesa Water's project goals. The finished water produced would offset imported water to the region and provide a new, locally controlled, and sustainable water supply to project stakeholders. By strategically spacing the groundwater wells along the coastal portion of the Talbert Gap, seaward of the existing Talbert Barrier Injection wells, pumping from this area could intercept intruding seawater and reduce chloride concentration from the protected inland basin. This approach also could enhance barrier performance by increasing seaward hydraulic gradients. Finally, the 5.35 MGD Brackish Water Treatment Facility is the most cost-effective alternative over a 30-year life cycle and has the highest beneficial use of local brackish groundwater.

Conclusions

The Local SiP aligns with Mesa Water's goals and objectives to provide a reliable, local water supply source to offset imported water usage in the region. While many project components have been analyzed

for preparation of this feasibility study including groundwater modeling, preliminary site investigations, a preliminary treatment plan, and conveyance routing; risks and challenges still exist as project refinement and implementation occurs. Project areas that will be further developed throughout the detailed design phase include groundwater model refinement, site selection, brine discharge coordination with OC San, California Environmental Quality Act (CEQA) permitting, National Pollutant Discharge Elimination System (NPDES) permitting, and securing funding with project stakeholders. Mesa Water is committed to constructing and operating the Local SiP throughout its life to maximize the beneficial use of harnessing local brackish groundwater supplies.

1.0 Introduction

1.1 Non-Federal Project Sponsors

Identification of the non-Federal project sponsor(s).

The feasibility study for the Local Supply Improvement Project (Local SiP), prepared by Mesa Water District (Mesa Water), the primary non-Federal project sponsor, is submitted for Reclamation's response to the requirements of the WaterSMART Title XVI Water Reclamation and Reuse Program (Title XVI). Mesa Water is submitting the feasibility study on behalf of the following non-Federal project sponsors: Orange County Water District (OCWD), City of Huntington Beach, and City of Newport Beach. Refer to Figure 1-1 for each non-Federal project sponsor's service area.

1.1.1 Mesa Water District

In 1960, Mesa Water, formerly Costa Mesa County Water District, began operations by acquiring the assets and obligations of consolidating the city of Costa Mesa's Water Department, Fairview County Water District, Newport Mesa Irrigation District, and Newport Mesa County Water District.

Mesa Water now serves approximately 110,000 residents and covers around 11,500 acres. The service area includes Costa Mesa, parts of Newport Beach, and the John Wayne Airport. Groundwater is Mesa Water's primary water source. Mesa Water pumps the Orange County Groundwater Basin (OC Basin) via nine wells to provide 100% locally sourced drinking water to its service area. Water from the Santa Ana River, OCWD's Ground Water Replenishment System (GWRS), and imported water from the Metropolitan Water District of Southern California (MWD) are used to replenish the basin. Groundwater from the Mesa Water Reliability Facility (MWRF) is also used to serve the community's water needs and sources deeper aquifer groundwater which receives treatment for color removal. The facility has a capacity of 8.6 MGD and can provide up to 50% of water demand if needed.

1.1.2 Orange County Water District

Orange County Water District (OCWD) was established in 1933 to manage and replenish the groundwater basin. OCWD serves over 2.5 million people across nearly 350 square miles in Orange County, California. To provide a reliable high-quality water supply, OCWD utilizes a wide range of water management practices. OCWD operates the Groundwater Replenishment System (GWRS), one of the world's largest purification systems for indirect potable reuse. Through research and monitoring programs, OCWD strives to maintain and improve groundwater quality. OCWD collaborates with local, state, federal, and private sectors to improve water reliability.

1.1.3 City of Huntington Beach

The City of Huntington Beach (Huntington Beach) water infrastructure consists of wells, reservoirs, treatment facilities, and over 400 miles of pipelines. The water is sourced from a combination of local groundwater and imported water from MWD. Huntington Beach serves 200,000 residents and covers around 17,000 acres. Huntington Beach promotes water conservation and sustainability through various programs, incentives, and public education. Huntington Beach currently sources approximately 15% of their drinking water from imported water.

1.1.4 City of Newport Beach

The City of Newport Beach (Newport Beach) manages a variety of wells, pipelines, reservoirs, and treatment facilities to provide water to approximately 87,000 residents over 24,000 acres. Newport Beach sources its water from a combination of local groundwater and imported water from MWD. Newport Beach's water department emphasizes the importance of water sustainability through conservation initiatives, public outreach, and use of advanced water management technologies. Newport Beach currently sources approximately 15% of their drinking water from imported water.

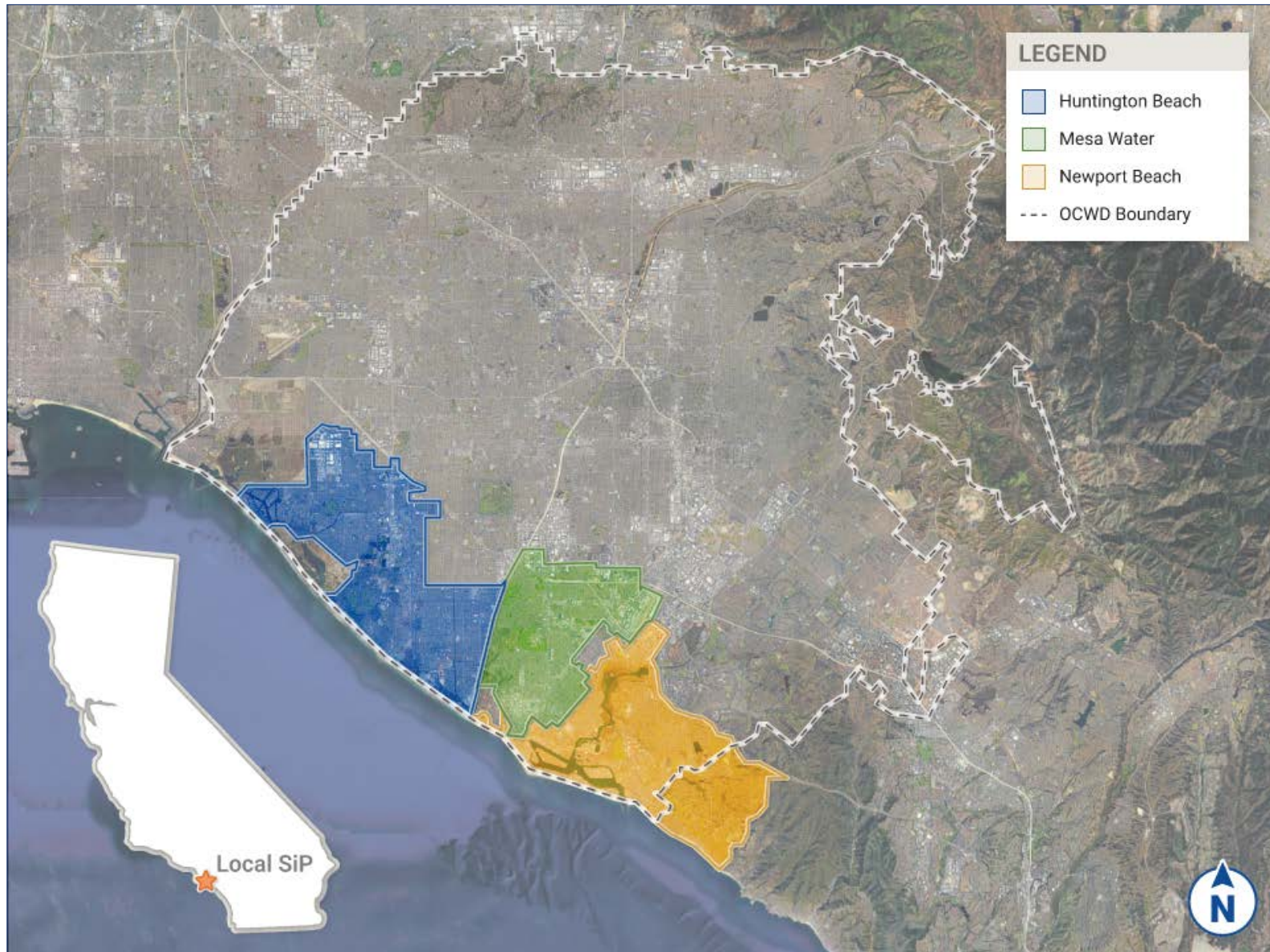


Figure 1-1 Non-Federal Project Sponsors' Service Areas

1.2 Description of Study Area

Description of the study area and area/project map.

The study area identified for the Local SiP is in north-central Orange County, California. The area is highly susceptible to the impacts of changing weather patterns and drought periods. Integrated finished water distribution infrastructure, dense urban populations with consistent demand and groundwater basin replenishment, via OCWD's GWRS, makes the study area well-suited to develop supplemental local water supplies that provide benefit across project stakeholders.

As shown in Figure 1-2, the study area is within OCWD, Mesa Water, Huntington Beach, and Newport Beach service areas. The terrain is diverse, consisting of a mixture of coastal plains, rolling hills, and flat plains. Land surface elevations range from approximately 0 to 100 feet above sea level. The identified area has a Mediterranean climate with mild winters and dry summers. Temperatures typically range between 45 to 85 degrees Fahrenheit (°F) year-round. The area is surrounded by many bodies of water including the Santa Ana River, Talbert Channel, Upper Newport Bay, Huntington Beach Wetlands, and the Pacific Ocean.

Mesa Water serves approximately 110,000 residents and additional tourists. The community consists of a mix of residential, commercial, and recreational environments. The area hosts many cultural and community events including the highly attended Orange County Fair. The South Coast Plaza is a large shopping center in the area that local and out-of-town shoppers visit. The area has a strong economy and various employment opportunities such as healthcare and other professional services. Costa Mesa is experiencing a growing population, residential and commercial development, economic development, and upgrades to public infrastructure. As the area continues to grow, increasing the use of sustainable water sources is crucial to meet future demands.

Currently, Mesa Water's sole source of water is groundwater from the OC Basin. The OC Basin is in the north-central portion of Orange County, extending from the Pacific coast to the Santa Ana Mountains. The OC basin provides 100% of Mesa Water's demand. Approximately 85% comes from the Principal Aquifer System, which does not require treatment, and the remaining 15% is drawn from the Deep Aquifer System which receives nanofiltration treatment at the MWRf to remove organics and color. Additionally, Mesa Water has the ability to purchase imported water from MWD as a backup water source. Huntington Beach and Newport Beach both rely on imported water to meet approximately 15% of their respective service areas' demands.

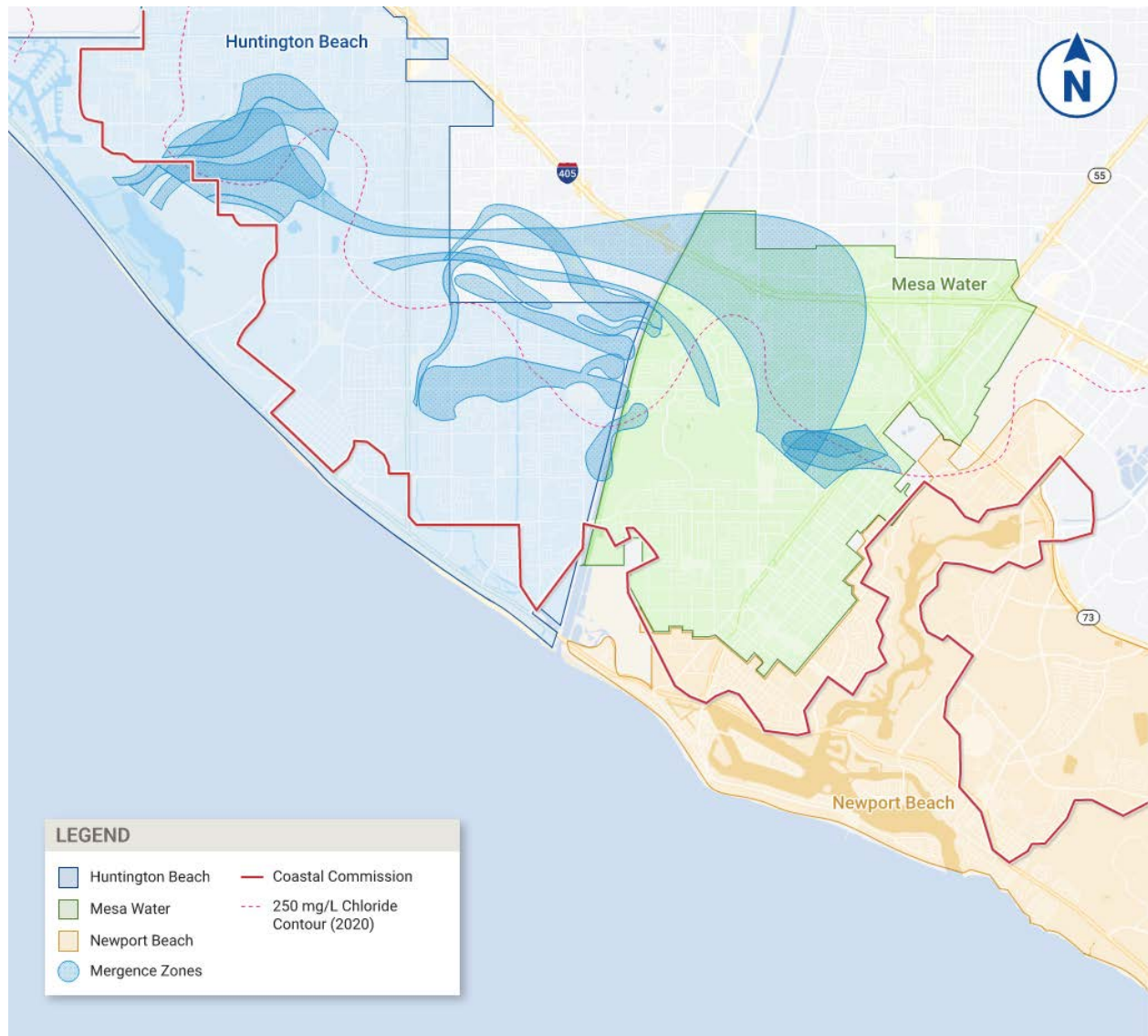


Figure 1-2 Local Groundwater Supply Improvement Study Area

1.3 Definition of Study Area

Definition of the study area in terms of both the site-specific project area where the reclaimed water supply will be needed and developed, and any reclaimed water distribution systems.

The Local SiP study area includes Huntington Beach, Costa Mesa, and Newport Beach, specifically areas west of the 405 Freeway and inland of the Coastal Commission Zone. Additionally, a portion of Fountain Valley was evaluated as a potential location for the proposed treatment facility. Water resources within this area include a combination of imported water supplied through MWDOC and local groundwater managed by OCWD. The area is supported by key water infrastructure including GWRS along with drinking water and brine distribution networks.

1.3.1 Imported Water Through MWDOC

Mesa Water, Newport Beach, and Huntington Beach have access to imported water from the MWD through MWDOC. MWD imports water from the State Water Project (SWP) and the Colorado River Aqueduct (CRA) and distributes it to its 26 member agencies across Southern California, including MWDOC. Refer to Figure 1-3 for map of the MWD member agencies.

The SWP collects water from the Feather River in Northern California, channels it through Lake Oroville, and conveys it through the Sacramento-San Joaquin Delta. From there, it enters the California Aqueduct for delivery to Southern California. MWD manages and maintains a large system of reservoirs, treatment plants, pipelines, and service connections to distribute water across its service area.

Across all project stakeholders, MWD imported water is an essential source to meet service demands and as back up during droughts and emergencies. As population driven demand continues to increase over time, there is an immediate need to identify new water supply sources for the region to further strengthen the local water sources as a sustainable supplement to imported water.

1.3.2 Local Groundwater Supplies

The project stakeholders rely primarily on the OC Basin (California Department of Water Resources Designated Basin 8-1; DWR, 2003), a large coastal aquifer system managed by OCWD. The OC Basin serves as the principal water source for over 75% of north and central Orange County's water supply and is replenished through a combination of natural recharge and managed recharge using Santa Ana River flows, imported water, and advanced-treated indirect potable reuse water from OCWD's Groundwater Replenishment System (GWRS; OCWD, 2017).

The OC Basin is subdivided into three hydraulically connected aquifer systems as shown on Figure 1-4:

- The Shallow Aquifer System, generally used for non-potable or small-scale industrial use.
- The Principal Aquifer System, the primary source of groundwater production and supplies the project stakeholders' clear wells.
- The Deep Aquifer System, locally contains amber-colored groundwater that requires treatment for potable supply; therefore is used more selectively and supplies the MWRF.

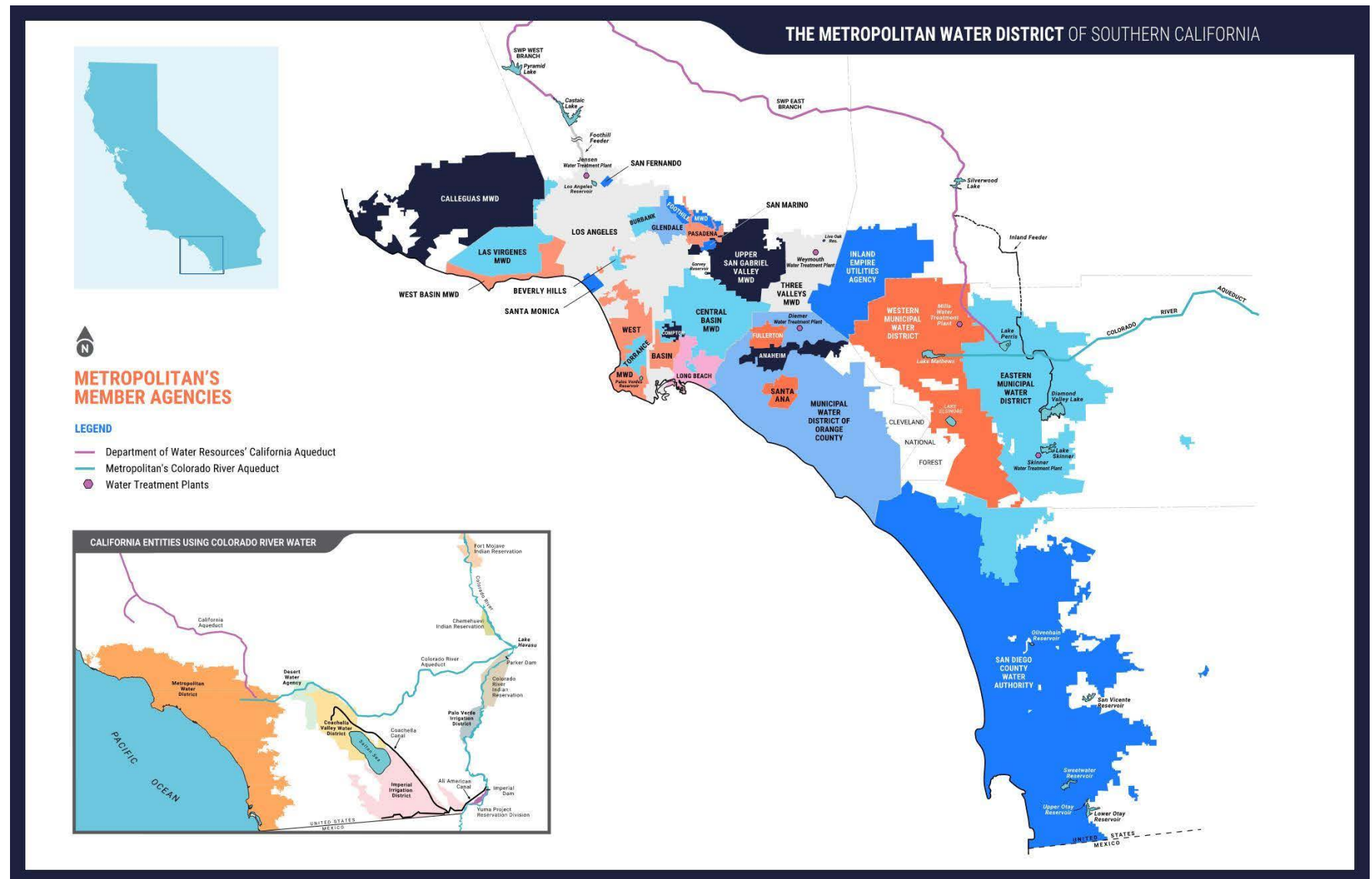
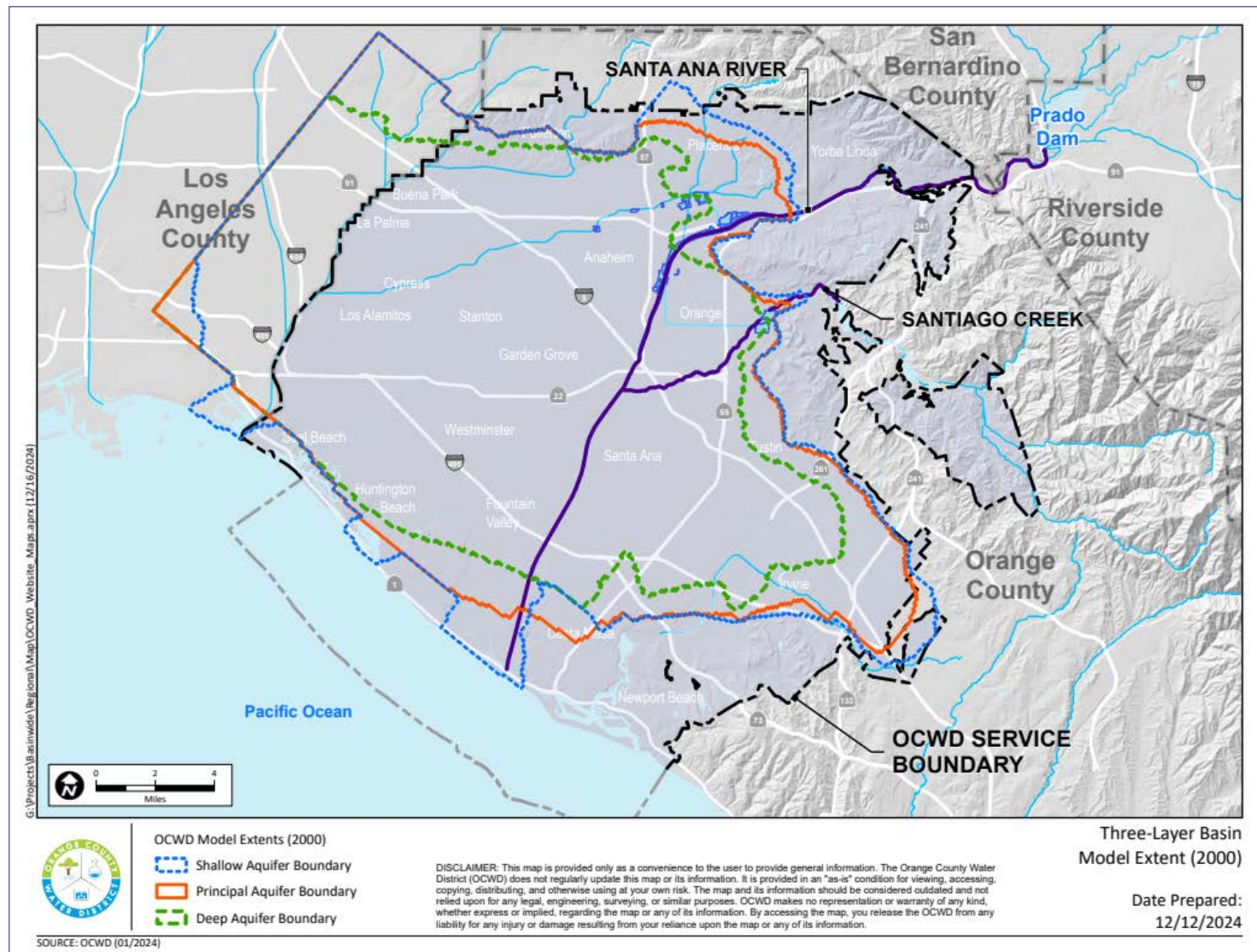


Figure 1-3 MWD Member Agencies Map



Source: OCWD Service Boundary and Groundwater Basin Boundary

Figure 1-4 Orange County, California Groundwater Basin Map

Mesa Water operates nine active groundwater wells within the OC Basin's Pressure Area, where aquifers are confined and well-protected from surface contamination. Seven wells produce high-quality "clear" water that is disinfected and delivered directly into the system. Two "amber" wells extract deeper groundwater that is treated at the MWRf before entering distribution (Arcadis, 2021). Refer to Figure 1-5.

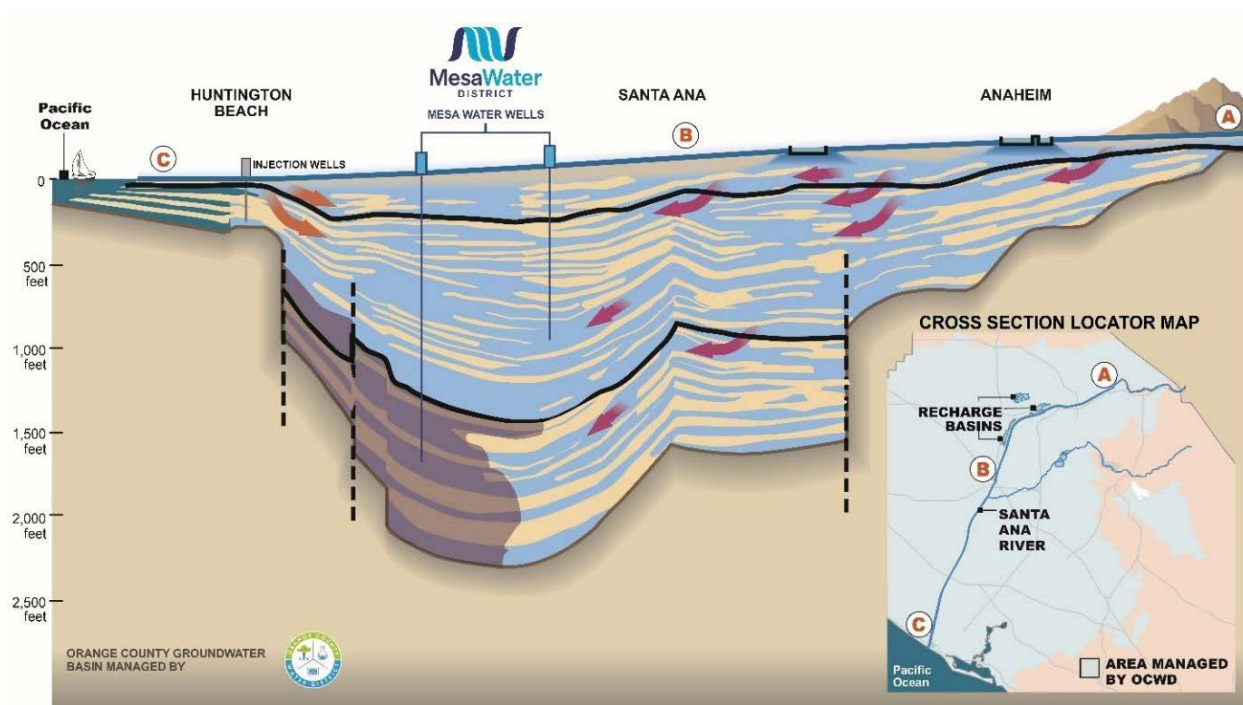


Figure 1-5 Mesa Water Within the OC Basin

1.3.3 Drinking Water Distribution System

The study area is a highly developed region with a mix of commercial, industrial, and residential land uses. The region is sustained by a mix of local groundwater and imported water through MWDOC. Three main MWDOC connections to the distribution system are within the study area. OC-09, OC-35, and OC-44 serve as the primary sources of imported water to this area. The agencies served by the three connections and pipelines are summarized in Table 1-1 and their distribution line locations are displayed in Figure 1-6. These pipelines play a vital role in delivering potable drinking water to the densely populated area.

Table 1-1 MWDOC Distribution Lines in the Study Area

Distribution Line	Served Agencies
OC-09	Huntington Beach; other retail water agencies in central and western Orange County
OC-35	Huntington Beach, Fullerton, Placentia, Brea, and LaHabra
OC-44	Huntington Beach and Mesa Water

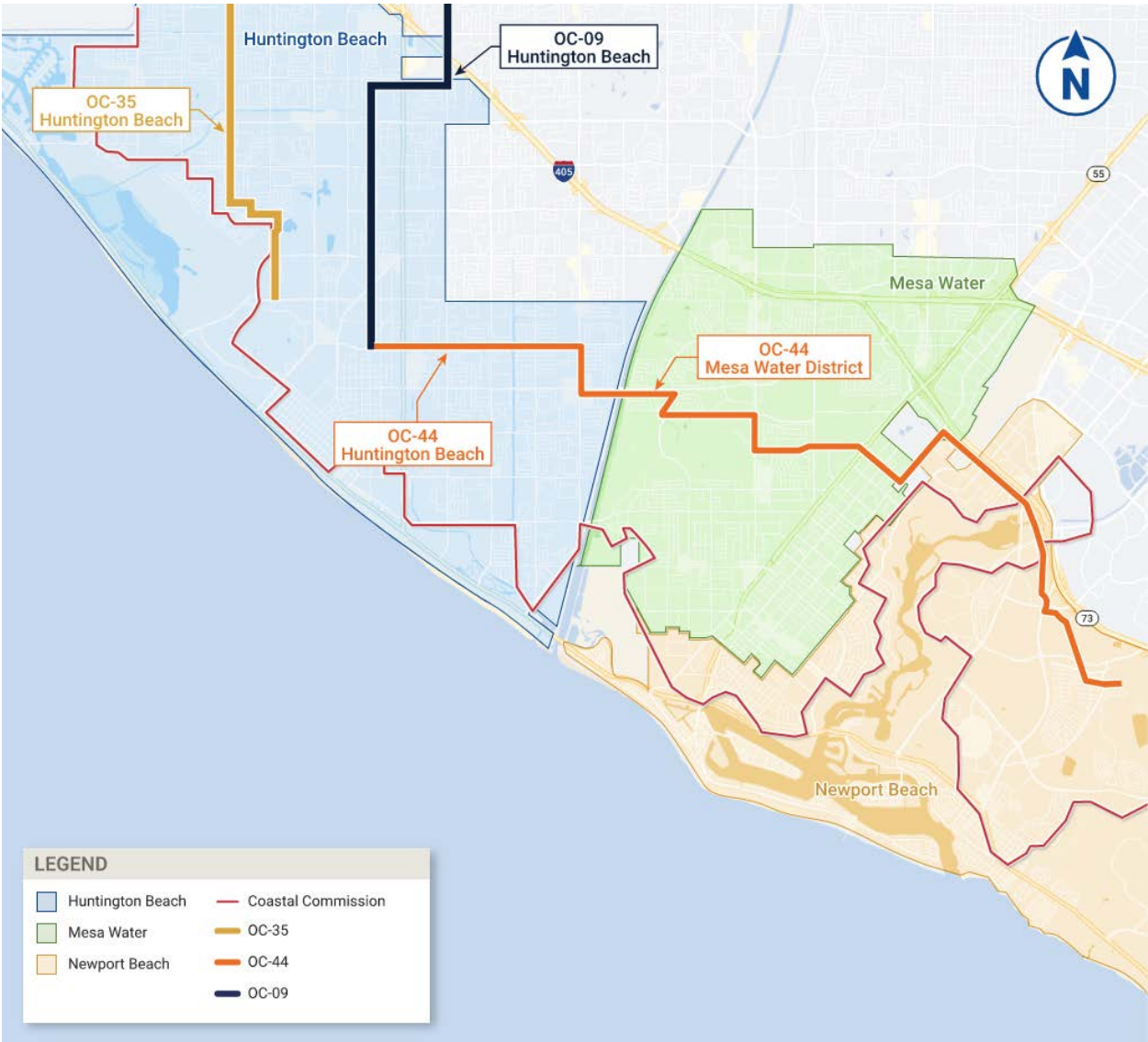


Figure 1-6 MWD Distribution Lines in the Study Area

1.3.4 Brine Disposal System

Within the study area, there are multiple brine disposal lines that are primarily managed through ocean discharge systems. In addition to the dedicated brine lines, there is an extensive sewer collection system which was considered for brine management. Figure 1-7 identifies the brine lines evaluated within the study area. The following subsections summarize the assessment of each brine disposal option and selection.

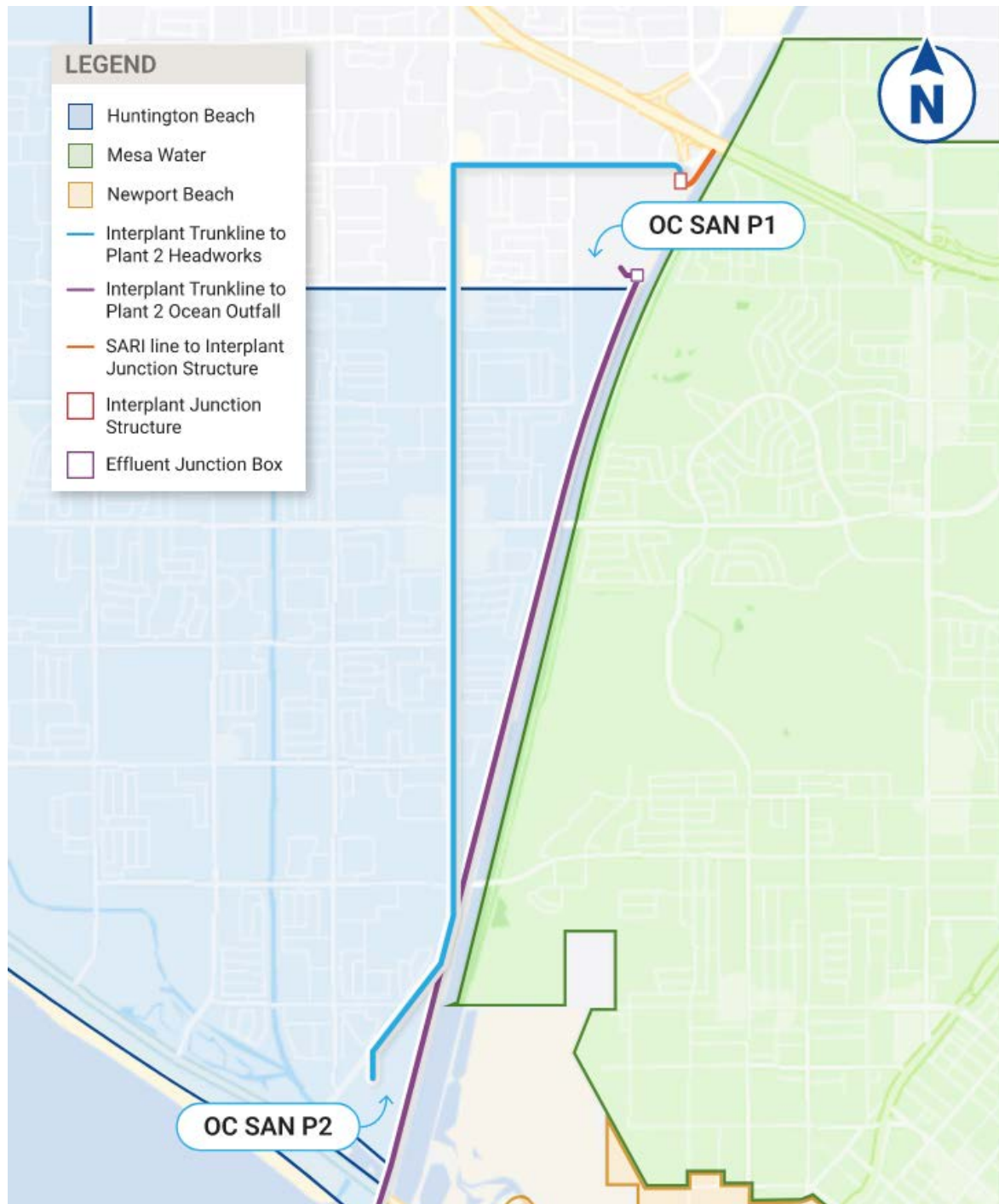


Figure 1-7 Brine Lines Within the Study Area

1.3.4.1 Orange County Sanitation District Interplant Trunkline

The Orange County Sanitation District (OC San) 78" Interplant trunkline is a critical part of the wastewater infrastructure in the area. The trunkline transports non-reclaimable waste streams and brine from various sources from OC San Plant 1 to Plant 2 for further treatment and discharge through the OC San Ocean Outfall system. The primary waste stream from the USBR proposed project will be groundwater desalted brine, as such it will be relatively low in organics but higher in salinity than typical wastewater primary influent. Because OC San Plant 2 does not include a desalination step, and due to the relatively small flows compared to the primary influent flow, impact to Plant 2 treatment processes are assumed to be minimal. Use of the Interplant Trunkline is assumed for this project and would send project brine for treatment at Plant 2 prior to disposal.

1.3.4.2 OC San Effluent Junction Box at Plant 1

Another brine disposal infrastructure option in the immediate project area is the Effluent Junction Box at OC San Plant 1. Currently reverse osmosis (RO) brine from GWRS is sent to the Effluent Junction Box for flow management, and subsequently the flows are conveyed directly to the OC San Ocean Outfall System, thereby bypassing additional treatment at Plant 2. The OC San Ocean Outfall system extends over 5 miles offshore and uses a diffuser system to minimize environmental impact. Utilization of the Effluent Junction Box is not assumed for this project but would provide mutual benefits across project stakeholders. Because the waste stream from the USBR proposed project would be groundwater desalted brine, the quality is anticipated to be of a higher quality than GWRS indirect potable reuse brine and therefore should not require additional treatment at OC San Plant 2 prior to ocean discharge. Utilization of this line should be considered during future project phases and will require further coordination with OC San prior to selection.

1.3.4.3 Sewer System Discharge

The primary waste stream from the USBR proposed project will be groundwater desalted brine. Within the region there are multiple examples of similar projects discharging groundwater desalted brine directly to the sewer collection system. However, because the project area provides immediate access to dedicated brine lines, sewer collection system discharge is not required. Additionally, if sewer collection discharge were utilized, the groundwater desalted brine could increase the salinity of GWRS influent by ten to fifteen percent and risk increasing energy consumption at GWRS. Due to the availability of dedicated brine lines, and potential impacts to GWRS influent salinity, sewer collection system discharge is not recommended for the proposed project.

1.3.5 OCWD Basin Replenishment

OCWD actively replenishes the OC Basin using multiple sources: Santa Ana River, GWRS, and purchased imported water when needed during periods of drought. At the Talbert Barrier, up to 30 MGD (with an average of 15 MGD) of advanced treated indirect potable reuse water from GWRS is injected to maintain water levels in the Talbert Aquifer at protective elevation to restrict the inland migration of saltwater intrusion. A significant portion of the water injected at the Talbert barrier serves to replenish the basin as well.

OCWD manages the basin sustainably through a financial incentive structure based on the Basin Production Percentage (BPP), which sets the portion of a retailer's demand that can be met by groundwater at a specific Replenishment Assessment (RA) rate. Pumping above the BPP incurs an additional Basin Equity Assessment (BEA), aligning producer behavior with basin sustainability goals and ensuring adequate funding for recharge and basin management operations. Mesa Water's production of

amber water is exempt from OCWD's BEA, due to the MWRf basin water quality benefit of utilizing lower-quality water while protecting the broader aquifer (OCWD, 2017).

2.0 Statement of Problems and Needs

Describe key water resource management problems and needs for which a water reclamation, recycling or desalination project will provide a solution, including the following information. All projections shall be reasonable and applicable for a minimum of 20 years.

2.1 Description of Problem and Need for Project

Description of the problem and need for a water reclamation, recycling, or desalination project.

The need for the Local SiP stems from multiple factors including:

- The demand for new water supplies for the region to support the project stakeholders' Urban Water Management Plan (UWMP) reliability objectives
- Risks to imported water supplies and supporting SB 606/AB 1668 Long Term Water Use Efficiency and Drought Resilience mandates
- Seawater intrusion impacting the OC Basin groundwater quality
- Increasing population size in the project area
- Supporting compliance with California's Title 22 drinking water standards by ensuring treated groundwater consistently meets potable water quality requirements

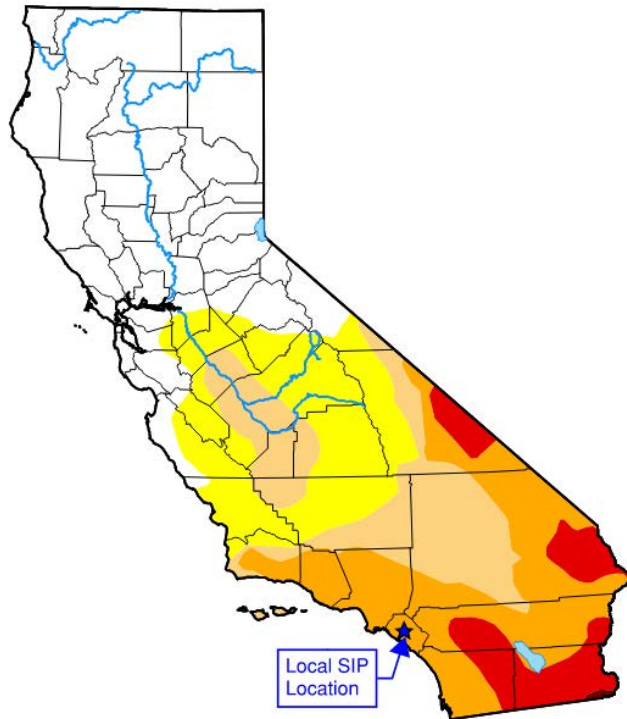
2.1.1 Imported Water Supply Risk

North-central Orange County currently lacks a diverse range of influent water resources. The coastal community surrounding the Local SiP study area is impacted by the extreme drought conditions as shown on Figure 2-1 and Figure 2-2 that displays the drought status in the Orange County area over the last 5 years. The ongoing drought in California has significantly impacted the availability of imported water supplies from the SWP and the CRA. While Mesa Water uses imported water as a backup source; Huntington Beach and Newport Beach use imported water to meet approximately 15% of their annual water demand. The uncertainty around the future availability of the SWP supplies and the approaching reduction of California's contractual rights to the Colorado River water, make it essential that Orange County continues to protect its economy, public health, and safety by developing new, locally sourced, sustainable potable water supplies.

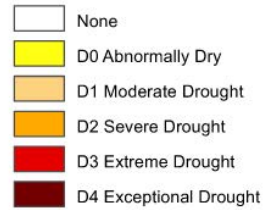
California's Water Supply Strategy: Adapting to a Hotter, Drier Future, adopted by the Newsom Administration in 2022, anticipates the loss of 10% of the state's water supply due to changing weather patterns within the next 15 years. It includes specific targets for expanded brackish water desalination by 28,000 AF by 2030 and 84,000 AF by 2040. The Department of Water Resources and State Water Resources Control Board have started identifying sites for future brackish groundwater supplies. This recent state regulation further supports the need to fully explore the engineering and environmental feasibility, costs, regulatory permitting, and institutional requirements associated with developing new water supplies via the Local SiP.

U.S. Drought Monitor California

May 20, 2025
(Released Thursday, May. 22, 2025)
Valid 8 a.m. EDT



Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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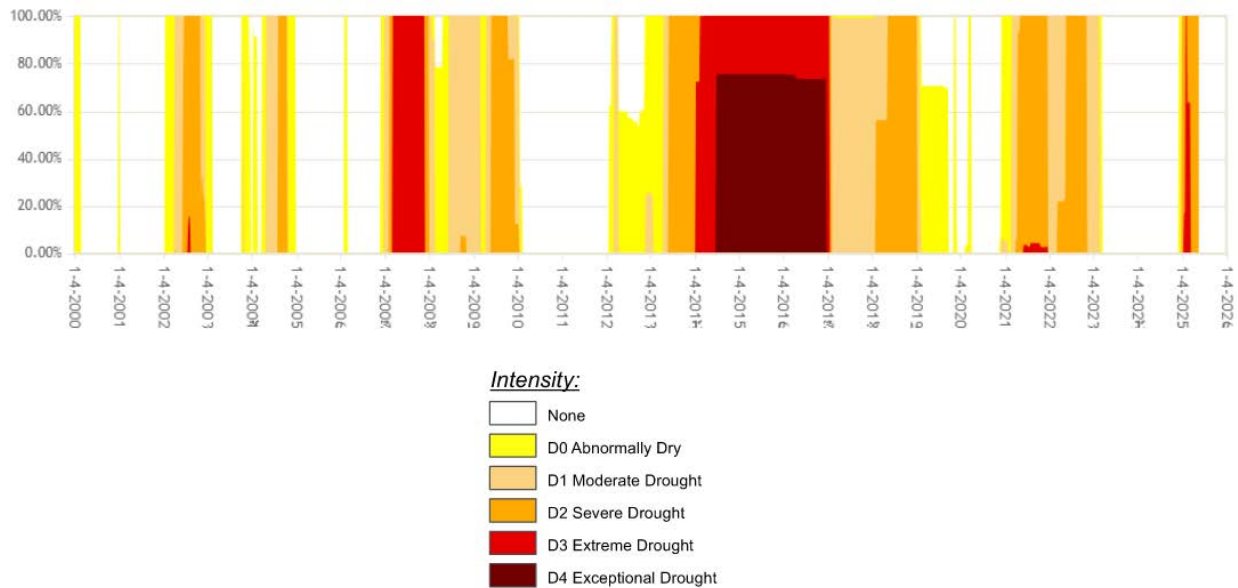
Rocky Bilotta
NCEI/NOAA



droughtmonitor.unl.edu

Source: U.S. Drought Monitor

Figure 2-1 Drought Status Map



Intensity:

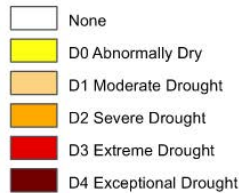


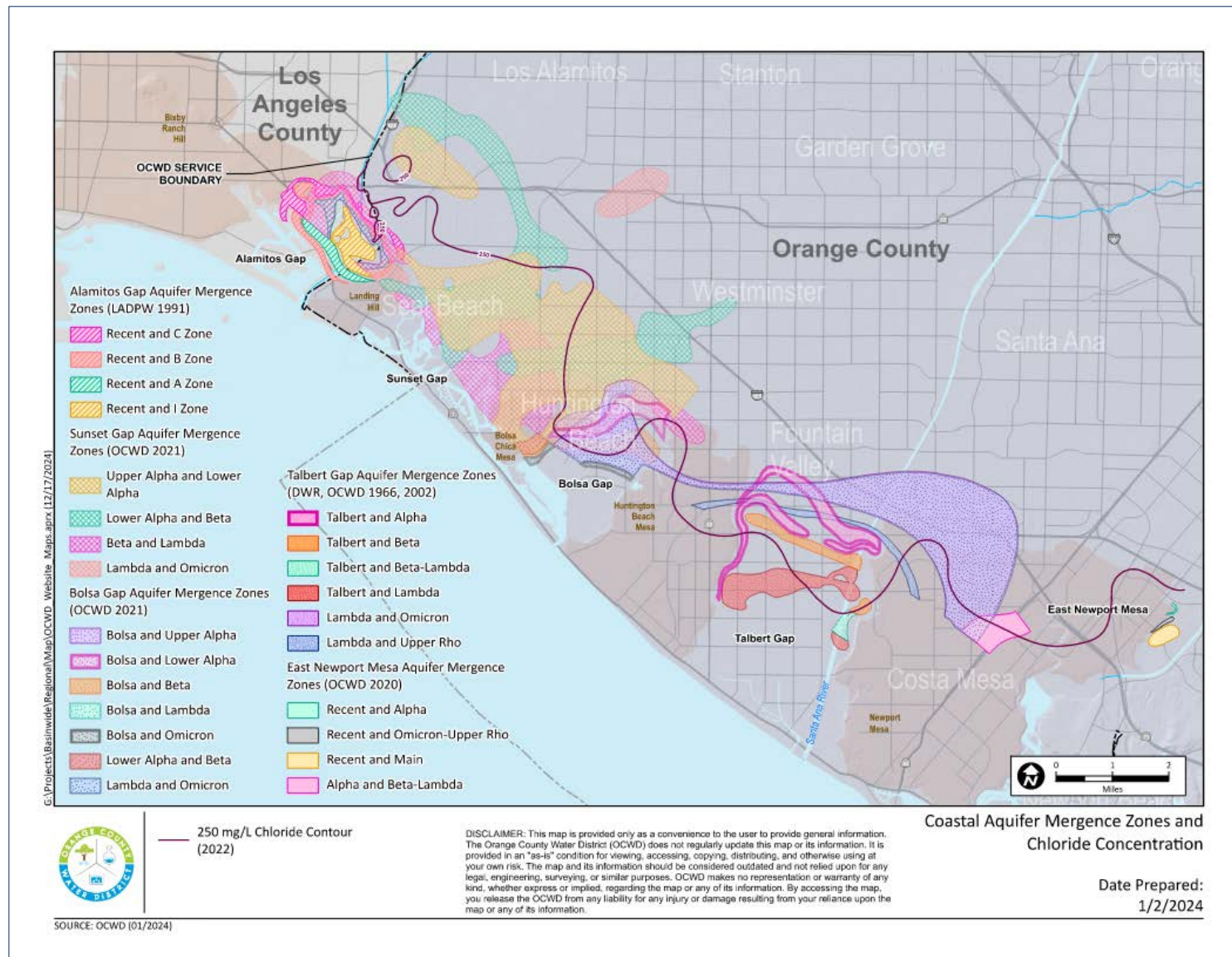
Figure 2-2 Orange County Drought Status 2000-2025

2.1.2 OC Basin Seawater Intrusion

Seawater intrusion poses a significant challenge to the OC Groundwater Basin, particularly in the coastal areas. The 250 mg/L chloride contour line (Figure 2-3) serves as a key indicator of the inland-most leading edge of intrusion. By strategically placing the Local SiP wells seaward of the chloride contour, an extraction trough is created that captures high TDS water and pulls the leading-edge seaward, providing additional protection to critical freshwater supplies and municipal wells. This approach supplements the long-term effectiveness of the Talbert Barrier and protects the high-quality water in the Principal Aquifer which is used for over 90% of the basin's groundwater pumping. Furthermore, future sea level rise may increase the threat of seawater intrusion, and the Local SiP, working in combination with the Talbert Barrier, would be able to provide a reliable defense. This is especially important for Newport Beach, which relies on the Shallow aquifer for its municipal water supply.

Prior to implementation of the GWRS, multiple groundwater wells were abandoned within the study area due to seawater intrusion. Two such wells controlled by Newport Beach were located at the Southeast corner of Adams and Brookhurst, and a second at the southeast corner of Bushard and Hamilton. Similarly, Laguna Beach was forced to abandon a groundwater well in the study area that was previously located at the southwest corner of Garfield and Magnolia. Based on discussions with the project stakeholders, there were additional abandoned groundwater wells due to seawater intrusion, however a complete catalog was not available at the time of the writing of this feasibility study.

Based on the available groundwater modeling it is estimated that the Local SiP would improve the groundwater quality at these previously abandoned locations. However, pumping groundwater from these locations would have to be closely coordinated under the larger groundwater basin management plan.

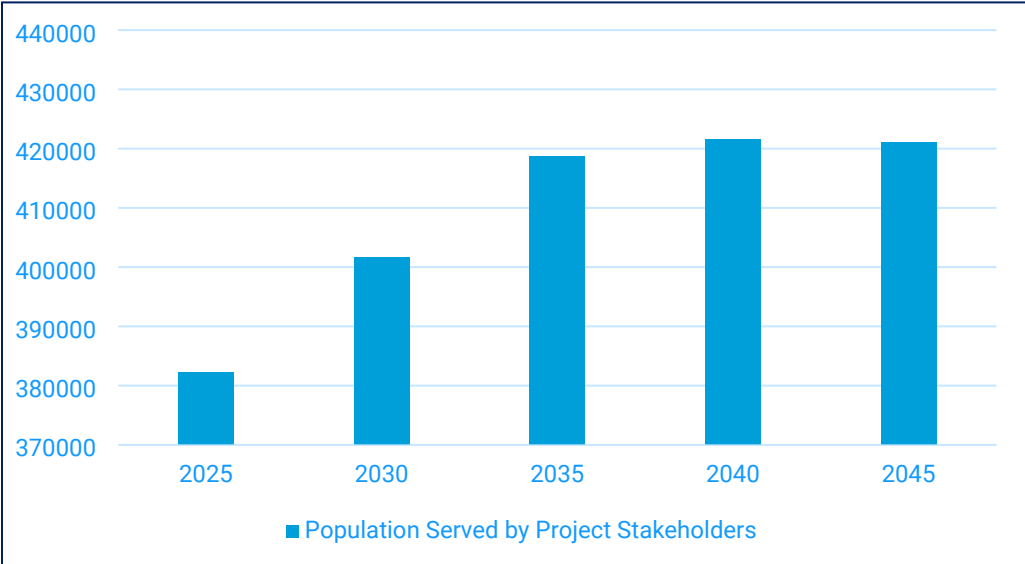


Source: Coastal Aquifer Mergence Zones and Chloride Concentration

Figure 2-3 OCWD Coastal Aquifer Mergence Zones and Chloride Concentration Map

2.1.3 Increasing Population Growth and Demand

Across all project stakeholders, ongoing support for economic development is needed by servicing a continually growing Orange County population. From 2020 to 2045, the project stakeholders’ retail population is projected to increase 12.04%, as shown on Figure 2-4. Even though Mesa Water and the project stakeholders have already implemented proactive demand management practices as shown in Table 2-1, there is a further need to diversify the water portfolio to reduce their vulnerability to external factors.



Source: (2020 Mesa Water UWMP, 2020 Huntington Beach UWMP, and 2020 Newport Beach UWMP)

Figure 2-4 Population Served by Project Stakeholders Growth Projection

Table 2-1 Current Demand Management Practices

Demand Management Practices	Description
Rebates and Incentives	Project Stakeholders offer rebates for residential and commercial customers to save water and money on high efficiency appliances and devices. Many of the rebates and incentives are provided through MWD OC.
Water Conservation Requirements	Project Stakeholders enforce permanent water conservation requirements that prohibit runoff and place limits on water usage and irrigation hours.
Water-Wise House Call	A Mesa Water employee visits customer’s home to check irrigation, explain water meter, and offer watering tips and rebate information. Huntington Beach and Newport Beach participate in the MWD OC’s Water Wise House Call Program for efficiency assessments.
Educational Resources	The Urban Water Management Plan and Water Shortage Contingency Plan guide long term conservation and emergency preparedness.
Mesa Water Education Center	A facility dedicated to teaching the community about water science, conservation, and local water systems.

With the increasing demand and the push to diversify the local water supplies under California's Water Supply Strategy, it is essential for the Local SiP to establish a new water supply source via a brackish groundwater desalination treatment facility. This approach will ensure a more reliable and sustainable water source for the Orange County coastal community and will help address the area's current needs and projected demands.

2.2 Description of Current and Projected Water Supplies

Description of current and projected water supplies, including water rights, and potential sources of additional water other than the proposed water reclamation, recycling or desalination project, and plans for new facilities other than the proposed project, if any.

The sole sources of water for Mesa Water, Huntington Beach, and Newport Beach include groundwater from the OC Basin, imported water from the SWP and CRA, and minor portions of recycled water. The groundwater is replenished with highly purified indirect potable reuse water from GWRS. All imported water supplies are managed by MWD OC, while the OC Basin is managed by OCWD.

According to the supply projections in the project stakeholders 2020 Urban Water Management Plans, water demands are expected to be met through 2045 only if imported water continues to be available. However, there is an expected 10% reduction in total supply expected due to changing weather patterns. Table 2-2 presents the projected supplies and anticipated 10% reduction in supplies for Mesa Water, Huntington Beach, and Newport Beach.

Table 2-2 Projected Supplies

Supply Type	2025	2030	2035	2040	2045
Groundwater	50,968	53,159	54,118	54,424	54,735
Imported Water	6,109	6,203	6,197	6,185	6,173
Recycled Water	1,642	1,642	1,642	1,642	1,642
Total Supplies (AFY)	58,719	61,004	61,957	62,251	62,550
Total Supplies After Anticipated 10% Reduction (AFY)	52,847	54,904	55,761	56,026	56,295
Sources: Supply and demand projections based on the Mesa Water, Huntington Beach, and Newport Beach 2020 UWMPs, (Arcadis, 2021). WaterSMART: Water Recycling and Desalination Planning Grant Application – Local Groundwater Supply Improvement Project					

2.3 Description of Current and Projected Water Demands

Description of current and projected water demands, including a description of the current and projected water supply and demand imbalances.

Although projections in the 2020 Urban Water Management Plan indicate water demands will be met through the year 2045, the anticipated reduction of imported water warrants a need for an increase in local water supply. Huntington Beach and Newport Beach both currently source approximately 15% of their water from imported water. In 2020, approximately 11,925 AFY of imported water supplied the needs of Huntington Beach and Newport Beach. Due to the population increase described in Section 2.1, water

demands for Mesa Water, Newport Beach, and Huntington Beach are projected to increase by nearly 4,500 AFY through 2045. With imported water supplies at risk, meeting these future water demands is a significant challenge.

In April 2019, Governor Gavin Newsom issued the Executive Order N-10-19 which directs several state agencies to develop a comprehensive Water Resilience Portfolio. The portfolio prioritizes key actions to secure California's water future. The Water Resilience Portfolio laid the groundwork for the 2022 Water Supply Strategy. Due to less snowfall, more evaporation, and greater water consumption by dry vegetation and soils (Department of Water Resources (DWR), 2022), existing water supplies are expected to be reduced by 10% by 2040. By the year 2045, an estimate of 6,255 AFY supply reduction is expected for Mesa Water, Huntington Beach, and Newport Beach. With the 10% reduction for all supply sources, there is projected to be an imbalance of supply and demand for the area, as shown in Figure 2-5.

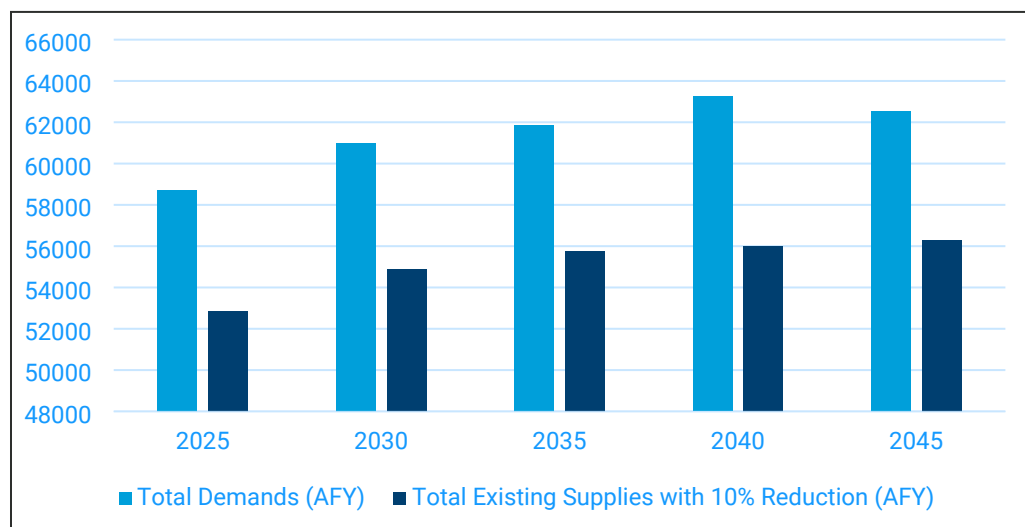


Figure 2-5 Projected Supply and Demand

The difference between the total demands and total existing supplies with the 10% reduction is shown in Figure 2-6. The Local SiP will help mitigate this projected supply gap by providing a new supplemental local water source. As described in later sections of this feasibility study, the Local SiP is designed to produce 5,993 AFY of potable drinking water. By 2045, the Local SiP will offset imported water supply by 95% (262 AFY).

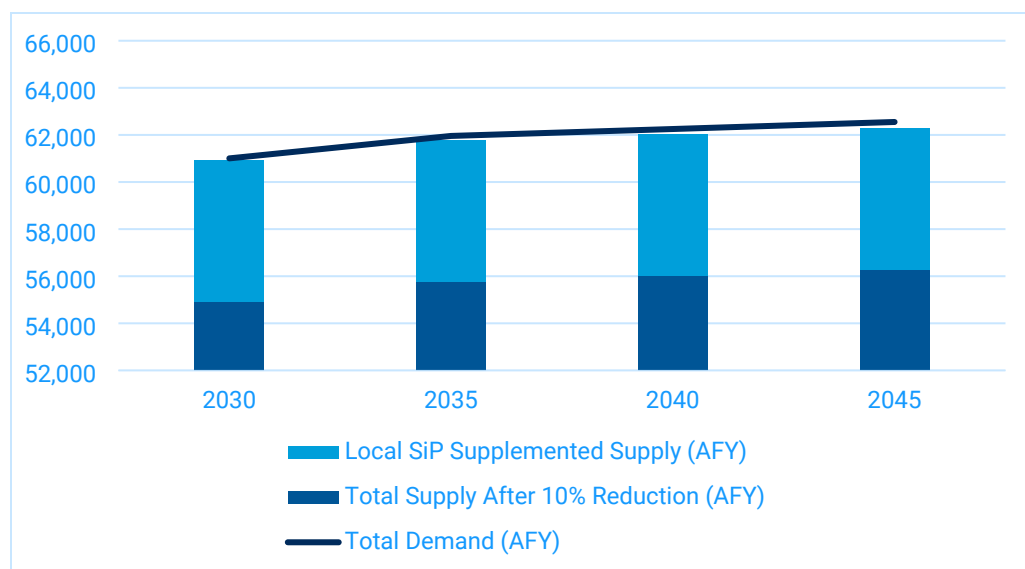


Figure 2-6 Supply and Demand with Local SiP Supplemented Supply (AFY)

2.4 Description of Water Quality Concerns

Description of any water quality concerns for the current and projected water supply.

Mesa Water’s 2024 Water Quality Report confirms that there are currently no water quality concerns within their drinking water distribution system. The water meets or surpasses all state and federal drinking water standards. Although there are no current concerns with the existing drinking water quality, the Local SiP will enhance the OC Basin source water quality of the Shallow and possibly the Principal Aquifer Systems by drawing the chloride concentrations further away from the existing production wells. As the intrusion front in Talbert Gap continues to move seaward, enhancing the seawater intrusion barrier will sustain and stabilize this trend by limiting inland encroachment. This will be achieved by strengthening the seawater intrusion barrier, which will help prevent seawater from moving inland and shift the intrusion front back toward the coast. In terms of effluent water, brine or waste discharge for the watershed is historically treated at OC San’s facilities. The Local SiP is not expected to have an impact on wastewater effluent water quality since it is a small percentage of the overall influent flow at the OC San Plant 2 wastewater treatment plant. The project’s main objective is to increase the local water supplies, diversify the water portfolio and improve the OC Basin groundwater quality by enhancing the seawater intrusion barrier. Distribution system finished water quality issues are not anticipated.

2.4.1 Seawater Intrusion

Seawater intrusion is a long-recognized water quality concern in coastal Orange County, particularly in the Talbert Gap. Though actively managed by OCWD’s injection barriers, future conditions such as increased accumulated overdraft in the basin, sea level rise, or increased pumping could reintroduce risks. A proposed brackish groundwater supply project must carefully evaluate its influence on local aquifer hydraulic gradients, as it could either exacerbate intrusion if improperly managed or help intercept intruding seawater if strategically located.

Importantly, the Local SiP also presents an opportunity to utilize currently underused brackish storage zones near the saltwater-freshwater interface—providing both a new water supply and enhancing seawater intrusion prevention. To evaluate these potential outcomes, groundwater flow and transport modeling has been utilized to simulate the effects of proposed extraction scenarios on both hydraulic

gradients and chloride migration patterns. These simulations are being used to inform well siting, production rates, and management strategies to minimize seawater intrusion risks while maximizing beneficial capture of brackish water.

3.0 Water Reclamation, Recycling or Desalination Opportunities

Address the opportunities for water reclamation, recycling and desalination in the study area, and identify the sources of water that could be reclaimed or desalinated, including the following information.

3.1 Description of All Uses for Groundwater

Description of all uses for reclaimed or desalinated water, or categories of potential uses, including, but not limited to, environmental restoration, fish and wildlife, groundwater recharge, municipal, domestic, industrial, agricultural, power generation, and recreation. Identify any associated water quality, and associated treatment requirements.

All groundwater extracted and conveyed in the Local SiP will be used for municipal use only. The water will be provided to existing potable water customers served by Mesa Water, Huntington Beach, Newport Beach, and OCWD. Brine produced during treatment will be conveyed to the OC San Interplant Trunkline and ultimately discharged to the OC San Ocean Outfall. Product Water is anticipated to tie into distribution line OC-44 which will directly serve the communities of Huntington Beach, Newport Beach, and Mesa Water.

The water treated and distributed through the proposed facilities will adhere to California's maximum containment levels (MCLs). It will also match the local historical distribution system water quality stability parameters. The key constituents presented in Table 3-1 are from Mesa Water's 2024 Water Quality Report, Huntington Beach's Annual Water Quality Report Reporting Year 2024, and Newport Beach's Annual Water Quality Report Reporting Year 2024. The Local SiP is designed to connect to the OC-44 distribution pipeline which serves Mesa Water, Newport Beach, and Huntington Beach. Therefore, the finished water must meet the water quality standards and regulatory requirements of both agencies. Feed water bromide concentration is also considered in the treatment design due to its potential to form brominated disinfection byproducts (DBPs) during chlorination.

Table 3-1 Key Constituents

Constituent	MCL	SDWA Secondary MCL	Mesa Water Average	Newport Beach Average	Huntington Beach Average	Local SiP Targets
TDS (ppm)	1000	500	319	357	309	<500
Chloride (ppm)	500	250	56	41	44	<250
Boron (ppm) ¹	5	1	0.20	0.16	0.02	<0.5
Bromide (ppm)	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated	<0.1
pH (pH unit)	Not Regulated	6.5 – 8.5	8.2	8	8.1	8.0 - 8.5
Calcium (ppm)	Not Regulated	Not Regulated	33	63	50	>25
Alkalinity (ppm as CaCO ₃)	Not Regulated	Not Regulated	143	141	146	>60
Hardness (ppm as CaCO ₃)	Not Regulated	Not Regulated	109	225	170	-
1) EPA non-enforceable lifetime health advisory						

3.2 Description of Water Market

Description of the water market available to utilize reclaimed, recycled or desalinated water, including:

3.2.1 Existing and Potential Users

(i) Identification of existing and potential users, expected use, peak use, on-site conversion costs if necessary, desire to use reclaimed, recycled or desalinated water, including letters of intent if available.

The Local SiP is planned to tie-in to the OC-44 distribution line which currently serves customers in Huntington Beach, Mesa Water, and Newport Beach through interties. Additionally, OC-44 serves as a backup supply for the Talbert Barrier during GWRS shutdowns for maintaining a pressurized barrier pipeline. Existing users of OC-44 are expected to remain users following the construction of the proposed project. Peak water use is anticipated during the summer months. The Local SiP will provide a locally produced water supply to meet future demands in the area and reduce reliance on increasingly uncertain imported water sources.

3.2.2 Consultation With Potential Customers

(ii) Description of any consultation with potential reclaimed, recycled or desalinated water customers. Letters of intent must be included, if applicable.

Because groundwater is the source water for the Local SiP and potable water is the produced water, it is anticipated the public perception of the Local SiP will be positive. Mesa Water regularly engages in public outreach and education programs related to water conservation and water use efficiency efforts, as well as general water resource information. Current public outreach efforts are aimed at increasing consumer

awareness for conservation, efficient water use, and investing in water reliability projects that are in the best interest of the region.

Opportunities for the public to learn about the Local SiP will include multiple public meetings where the feasibility study will be slated for discussion, information, presentation, and possible action. The meetings will take place at Mesa Water, Huntington Beach, Newport Beach, and OCWD. Other public outreach about the project will include newsletter articles, press releases, social media postings, and website postings by Mesa Water.

3.2.3 Market Assessment Procedures

(iii) Description of the market assessment procedures used.

The project stakeholders' 2020 Urban Water Management Plans were used to assess the water market demand and provide projection of current and future water supplies and demands as discussed in Sections 2.2 and 2.3. The 2020 UWMPs use historical consumption data, population, and regional growth estimates to predict future demands. Despite Mesa Water's strong local supply, the 2020 UWMP acknowledges a potential supply and demand gap during emergency or peak conditions. The OC-44 pipeline serves as the project stakeholder's connection to imported water from MWD OC.

The OC-44 pipeline is a turnout from East Orange County Feeder No. 2, which originates near Irvine and extends southwest toward Costa Mesa and Huntington Beach. Huntington Beach and Mesa Water jointly own the pipeline. The OC-44 pipeline allows imported water from MWD OC to be delivered directly into the Huntington Beach distribution system. The OC-44 pipeline is also connected to Mesa Water's system, but Mesa Water does not use the imported water under normal operating conditions. The connection serves as an emergency or supplemental supply source if local groundwater supplies are unavailable or insufficient.

With the increasing demands projected in the Mesa Water 2020 UWMP, maintaining access to reliable supplemental supplies is important. The Local SiP will provide 5.35 MGD of treated water to the OC-44 pipeline. Diversifying the supply delivered to the OC-44 pipeline will decrease regional reliance on imported water and ensure that project stakeholders can continue to meet growing market demands while preserving the reliability of their systems.

3.3 Considerations Which May Prevent Project Implementation

Discussion of considerations (for example: physical, converting systems for reused water, or public acceptance) which will prevent implementing a water reclamation, recycling or desalination project. Identify methods or community incentives to stimulate reclaimed, recycled or desalinated water demand, and methods to eliminate obstacles which will inhibit the use of reclaimed, recycled or desalinated water, including pricing.

While many project components have been analyzed for preparation of this feasibility study including groundwater modeling, preliminary site investigations, a preliminary treatment plan, and conveyance routing; risks and challenges still exist as project refinement and implementation occurs. One physical challenge of implementing the Local SiP includes selection of the project site and further optimizing the various conveyance alignments.

As mentioned in Subsection 1.3.3, the study area is highly developed with minimal parcels zoned for industrial use. A more detailed site investigation will need to occur to identify and procure not only the trea

tment site, but also the five groundwater well locations. To minimize conveyance costs, it is recommended that Mesa Water procures a treatment site:

1. Near the groundwater well locations
2. In proximity to OC San's Interplant Trunkline for brine discharge

By doing so, this will alleviate construction costs of installing large diameter pipes on busy roads within the dense urban study area and further support the Local SiP costs to be comparable to imported water costs.

As stated in Subsection 3.2.2, it is anticipated that public perception of the Local SiP will be positive and would not require customer incentives. It is important to consider options that can reduce project cost (such as site optimization noted above), to reduce the barrier for public acceptance by keeping the project cost low.

3.4 Agencies with Jurisdiction

Identify all water and wastewater agencies in service area

The non-Federal sponsors for the Local SiP include Mesa Water, OCWD, Huntington Beach, and Newport Beach, which all are water and wastewater agencies operating within the service area. These sponsors actively participated in the development of this feasibility study and are informed of the Local SiP components. While OC San is not a sponsor of the project, it holds authority of the brine disposal. Other agencies, such as the City of Fountain Valley Water Division and MWDOC, may also have jurisdiction depending on the final location of the treatment facility. Refer to Table 3-2 for an overview of the different agencies and the services they provide.

Table 3-2 Agencies with Potential Jurisdiction

Agency	Serves	Water	Wastewater
Mesa Water District	Costa Mesa/Newport Beach	Yes	No
Orange County Water District	Orange County	Yes	Treats recycled water
Huntington Beach Utilities	Huntington Beach	Yes	Yes
Newport Beach Utilities	Newport Beach	Yes	Yes
Orange County Sanitation District	Orange County	No	Yes
City of Fountain Valley Water Division	Fountain Valley	Yes	No
Municipal Water District of OC	Orange County	Yes	No

3.5 Potential Brackish Groundwater Sources to be Desalinated

Description of potential sources of water to be reclaimed, recycled or desalinated, including impaired surface and groundwaters.

Potential groundwater sources were considered within the project stakeholders' jurisdictions. The evaluation of potential groundwater sources included regions where aquifers were known to contain brackish water and organized into four sub-areas: Talbert Gap, Bolsa Gap, Huntington Beach Mesa, and

Newport Beach Mesa (Figure 3-1). Each area was reviewed for hydrogeologic suitability, potential yield, and water quality characteristics, as well as regional management and sustainability considerations.

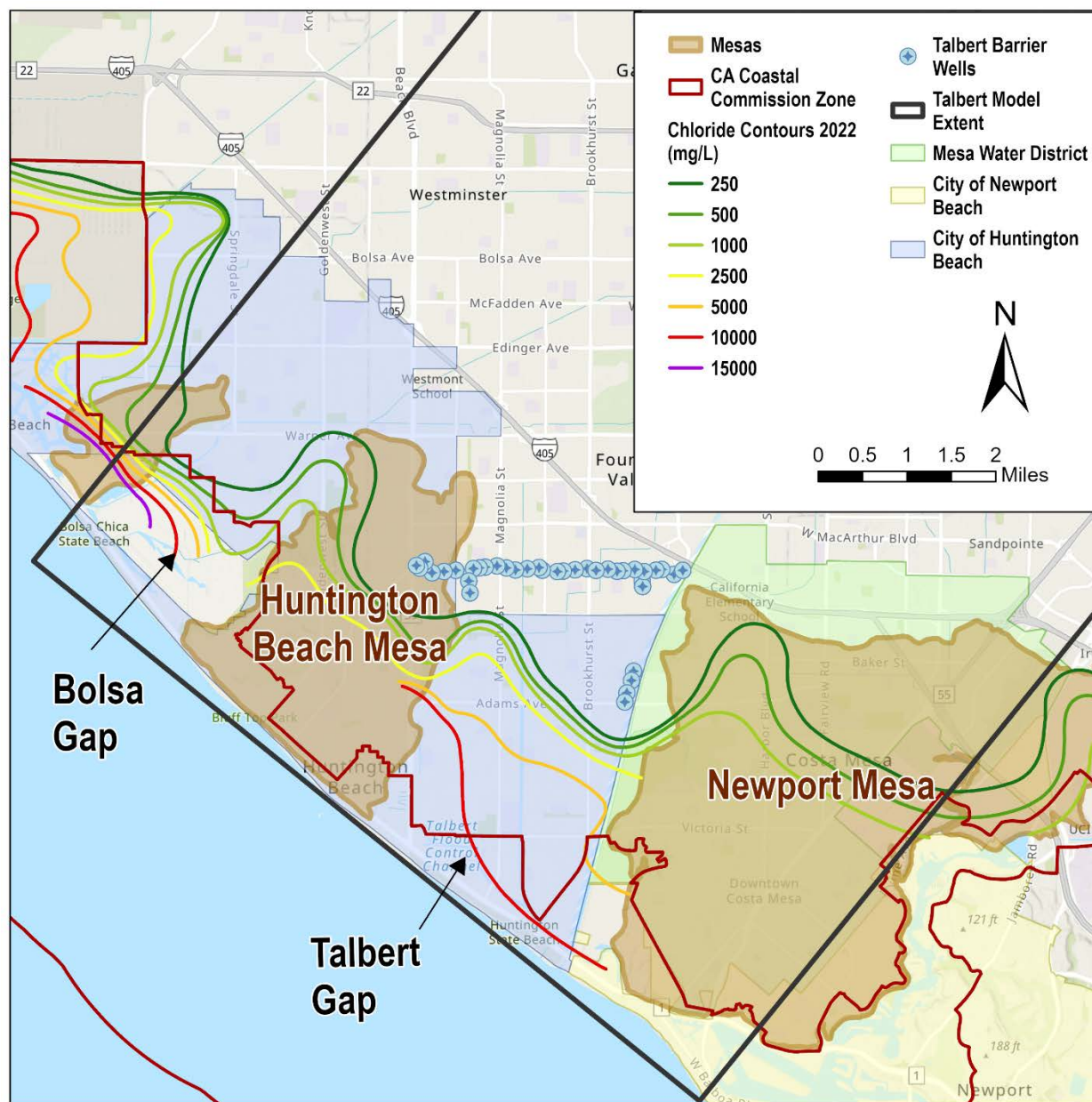


Figure 3-1 Overview of Potential Brackish Production Areas

3.5.1 Talbert Gap

The Talbert Gap is a coastal lowland located between the uplifted Huntington Beach Mesa and Newport Beach Mesa, characterized by an ancient erosional channel filled with highly permeable alluvial sediments. Historically, this gap served as a primary pathway for seawater intrusion into the OC Basin before regional protection measures were implemented.

The Talbert Aquifer, the principal hydrostratigraphic unit in this area, is part of the Shallow Aquifer System and is composed primarily of coarse-grained Holocene to Pleistocene-age sands and gravels. In the

Talbert Gap, the aquifer lies in direct hydraulic connection with the Pacific Ocean, extending seaward beneath Huntington State Beach, and inland where it is interfaced by the Talbert Seawater Intrusion Barrier.

Importantly, in this part of the basin, the Talbert Aquifer is also known to merge hydraulically with deeper aquifers in the Principal Aquifer System, particularly where aquitards are thin or are laterally discontinuous. This mergence increases the potential for vertical and lateral flow exchange, making the Talbert Gap a key zone for managing both intrusion risks and opportunities for accessing seawater replenishable brackish groundwater production.

The Talbert Aquifer contains brackish groundwater, with chloride concentrations exceeding 10,000 mg/L in the southwestern portion of the gap (Figure 3-1). Groundwater model simulations demonstrate that, with appropriate well spacing and production rates, pumping from this area could:

- Intercept intruding seawater as a project source water,
- Minimize inflow from the protected inland basin, and
- Possibly enhance barrier performance by reducing increasing or steepening hydraulic gradients from the Talbert Barrier.

Given the hydrogeologic connectivity to the ocean, favorable aquifer properties, and the opportunity to complement existing basin protection infrastructure, the seaward portion of the Talbert Gap was selected as the preferred sub-area for developing a brackish groundwater supply project.

3.5.2 Bolsa Gap

Bolsa Gap is a low-lying coastal area northwest of the uplifted Huntington Beach Mesa. It is underlain by permeable alluvial deposits, but unlike Talbert Gap, it is structurally constrained by the Newport-Inglewood Fault Zone, which significantly offsets and impedes the hydraulic continuity of the aquifers in this area.

As a result, seawater intrusion is not actively occurring through Bolsa Gap, and brackish conditions are more limited in extent. OCWD modeling indicates that groundwater inflow from the ocean at Bolsa Gap is minimal due to the offsetting effect of the Newport-Inglewood Fault (OCWD, 2017). Furthermore, water quality data suggest a less well-defined brackish wedge. For these reasons—including limited yield potential and the fault-constrained flow paths—Bolsa Gap was not selected as a candidate for brackish groundwater recovery.

3.5.3 Huntington Beach Mesa

Aquifers beneath the Huntington Beach Mesa were evaluated as a potential source due to historical degradation and chloride concentrations that may exceed 2,500 mg/L, indicative of brackish conditions. However, this area was ruled out for two primary reasons.

First, groundwater modeling showed that extraction from this location could increase the risk of seawater intrusion in areas not currently protected by the Talbert Barrier, potentially drawing saline water inland. Second, a large portion of the groundwater yield from this area would come from the Orange County Groundwater Basin itself, rather than from the intruding wedge of seawater, placing undue stress on OCWD's basin management operations. Given these risks and management constraints, this sub-area was not selected for further consideration.

3.5.4 Newport Beach Mesa

Aquifers beneath the Newport Beach Mesa were also considered. This area exhibits moderately elevated chloride concentrations, generally upwards of 1,000 mg/L in deeper wells. However, like Huntington Beach Mesa, pumping from this area presents a risk of inducing seawater flow around the Talbert Barrier, potentially allowing saline water to spread toward inland production wells. Because of this risk to adjacent potable supplies and the likelihood of drawing water primarily from the basin rather than intercepting seawater, this area was not pursued as a brackish supply source.

3.6 Description of Location and Source Water

Description and location of the source water facilities, including capacities, existing flows, treatment processes, design criteria, plans for future facilities, and quantities of impaired water available to meet new reclaimed, recycled and desalinated water demands.

This section describes the proposed location, construction characteristics, and water quality of the brackish groundwater wells that will supply the source water for the project. The project is located in the coastal portion of the OC Basin within the Talbert Gap, a known zone of brackish groundwater and historical seawater intrusion.

3.6.1 Groundwater Model

To support the evaluation of brackish groundwater recovery in the coastal portion of the basin, a refined groundwater flow model—the Talbert Groundwater Model—was utilized for this study. The Talbert Groundwater Model was originally developed by OCWD as a focused sub-model of the larger Orange County Basin Model to analyze groundwater conditions, barrier performance, and seawater intrusion dynamics in the Talbert Gap area (CDM Smith, 2003, draft).

The model discreetly represents the complex hydrogeologic layering of the Talbert Aquifer, which is part of the Shallow Aquifer System, and its interaction with deeper aquifers within the Principal Aquifer System. The model incorporates OCWD's extensive monitoring data, including multi-depth observation wells, production wells, and injection operations at the Talbert Seawater Intrusion Barrier (Talbert Barrier). It has been previously calibrated to simulate both steady-state and transient conditions, representing basin operations, recharge, and coastal barrier performance.

For this study, the Talbert Groundwater Model was applied to simulate proposed brackish water extraction scenarios within the seaward portion of the Talbert Gap, where elevated chloride concentrations have been identified. As part of this analysis, chloride transport capabilities were incorporated into the model, allowing for simulation of salinity dynamics and estimation of chloride concentrations at proposed well locations. The model was also used to evaluate the proportional source contributions of extracted water (i.e., seawater versus inland basin groundwater) and to assess potential drawdown impacts under various extraction scenarios.

While the model provides a valuable framework for testing preliminary feasibility, it should be noted that its calibration does not fully meet industry-standard guidelines for predictive accuracy. The calibration was deemed sufficient for scoping-level analysis, but additional refinement would be warranted in future stages of project planning to improve confidence in long-term performance predictions. In addition, although potential land subsidence from proposed pumping is an important consideration, the Talbert Groundwater Model can only be used to evaluate if water levels may pose a risk of subsidence but not simulate or predict actual subsidence itself.

3.6.2 Location of Groundwater Wells

The Local SiP includes five extraction wells sited within the seaward portion of the Talbert Gap, south of Atlanta Avenue and north of the California Coastal Commission Zone (Figure 3-2). The wells are spaced between Beach Boulevard (west) and Brookhurst Street (east) in Huntington Beach. These locations were selected to:

- Distribute drawdown impacts evenly across the gap,
- Maximize brackish water capture from the seaward portion of the aquifer,
- And minimize interference with the Talbert Barrier, which lies inland of the well field area.

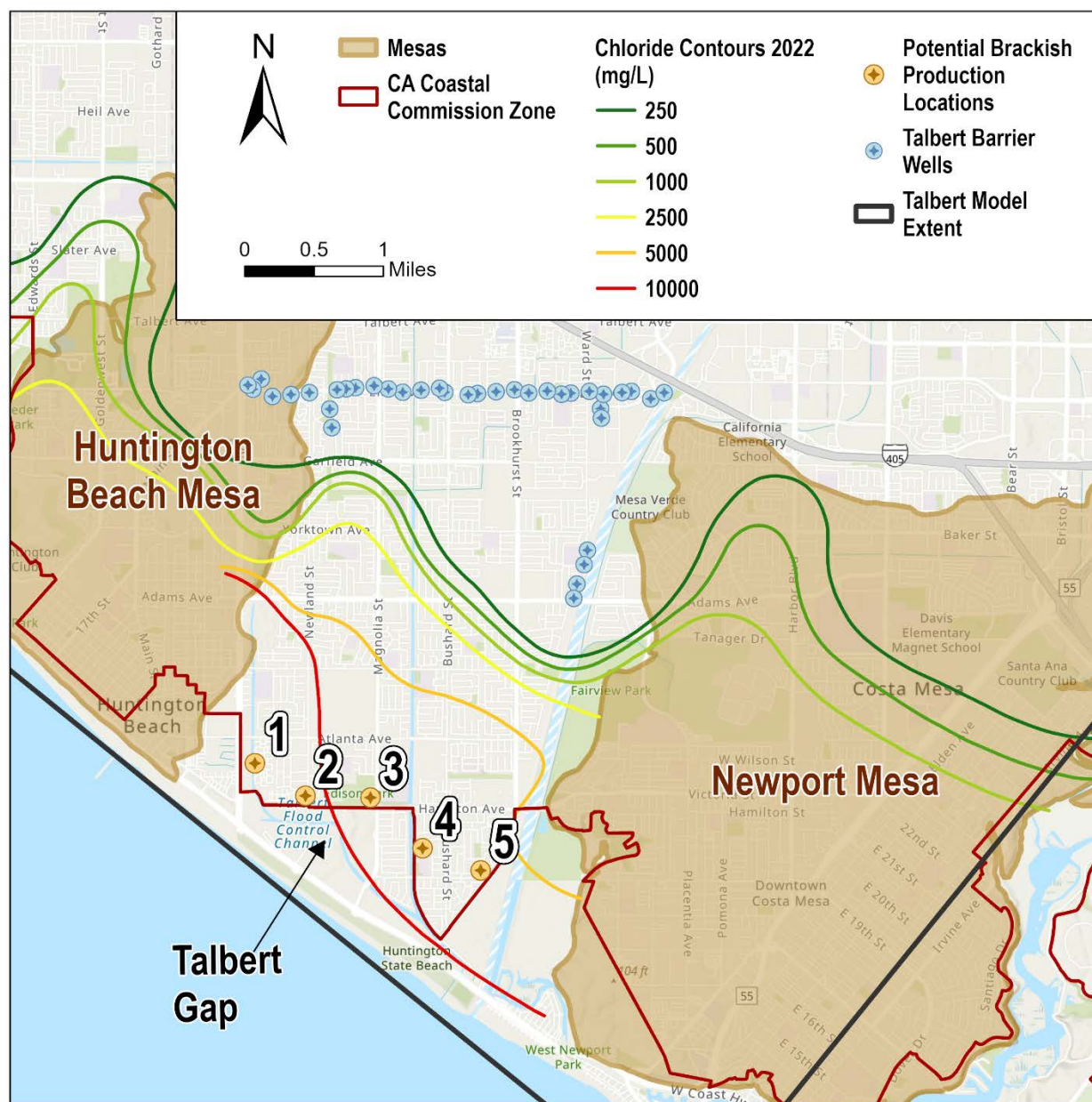


Figure 3-2 Location of Project Wells

The wells will be constructed in the highly transmissive Shallow Talbert Aquifer system. Target well depths are anticipated up to approximately 180 feet below ground surface, informed by prior lithologic data from the area including geologic cross sections, groundwater model lithology, and borehole lithologic logs.

3.6.3 Seaward Talbert Gap Flow and Quality

The seaward portion of the Talbert Gap is characterized by a brackish water zone formed by the mixing of seawater with OC Basin groundwater due to historical intrusion. Groundwater modeling estimates indicate that a groundwater well pumping rate of 8 MGD from the proposed wellfield would induce increased flow from the ocean boundary (~6 MGD) with the remainder (~6 MGD) being inland inflow from the basin, effectively capturing brackish water near the mixing zone between freshwater and saltwater.

The salinity profile at each of the wells during production is expected to vary slightly across the wellfield and remains in the brackish to saline range, with chloride concentrations between 5,000 and 11,000 mg/L depending on relative connectivity to the ocean and the Talbert Barrier.

Using the modeled chloride concentrations, a mass balance calculation was used to determine the blended water quality data shown in Table 3-3. The modeled water quality was validated against historical water quality data from nearby monitoring wells. The majority of modeled parameters aligned with the historical water quality data however, boron and bromide concentrations were both higher in the monitoring well data than the model projected. This could be due to the proximity of the wells to an old landfill. The model was then adjusted by raising the groundwater boron and bromide inputs, so the blend more closely matched historical values. This adjustment addressed the unusually high boron and bromide concentration observed in the coastal aquifer. Because of the high boron, bromide, and TDS levels resulting from the seawater dominated blended water quality, a two-pass RO system typical of seawater designs was included in the conceptual design to treat water to potable drinking water standards.

Table 3-3 Talbert Gap Modeled Water Quality

Feed Parameters	Blended Water Quality from Wells (5.35 MGD Finished Water)
Potassium (mg/L)	208
Sodium (mg/L)	5,588
Magnesium (mg/L)	671
Calcium (mg/L)	265
Strontium (mg/L)	4.70
Barium (mg/L)	0.18
Bicarbonate (mg/L)	287
Nitrate (mg/L)	5.86
Fluoride (mg/L)	0.70
Chloride (mg/L)	10,009
Bromide (mg/L)	40.20
Sulfate (mg/L)	1,460
Phosphate (mg/L)	0.04
Silicon (mg/L)	27.0
Boron (mg/L)	5.09
pH	7.8
TDS (mg/L)	17,597

3.7 Current Groundwater Desalination in the Study Area

Description of any current water reclamation, recycling or desalination taking place in the study area, including a list of reclaimed water uses, type and amount of reuse, and a map of existing pipelines and use sites.

Currently, there are no groundwater desalination facilities in the immediate study area. Outside of the study area, there are multiple brackish groundwater desalters and one major seawater desalination facility that are implemented to supplement the Southern California drinking water supplies. These facilities provide a proved foundation of industry knowledge that serve as a baseline for the proposed treatment approach. The Local SiP will meet the same objectives by enhancing water supply sustainability in the north-central Orange County region.

3.8 Other Wastewater Disposal Options

Description of current and projected wastewaters and disposal options other than the proposed water reclamation, recycling or desalination project, and plans for new wastewater facilities, including projected costs, if any.

As discussed in Subsection 1.3.4, there are multiple brine disposal options within the study area. For the Local SiP, it is anticipated that the groundwater desalted RO brine generated at the treatment plant will be disp

osed to the OC San 78" Interplant trunkline which goes to Plant 2 for retreatment and then ultimately to the OC San Ocean Outfall.

While evaluating brine disposal options, two other approaches were considered. One option was discharging the brine into the sewer collection system; however, this approach was determined to be unnecessary due to access to pre-existing brine management lines. Additionally, if sewer collection discharge were utilized, the groundwater desalted brine could impact the salinity of GWRS influent and risk increasing energy consumption at GWRS. Due to the availability of dedicated brine lines, and potential impacts to GWRS influent salinity, sewer collection system discharge is not recommended for the proposed project.

Another option considered was disposing the brine to the Effluent Junction Box at OC San Plant 1. Utilization of the Effluent Junction Box is not assumed for this project but would provide mutual benefits across project stakeholders. Because the waste stream from the Local SiP would be groundwater desalted brine, the quality is anticipated to be of a higher quality than GWRS indirect potable reuse brine, and therefore should not require additional treatment at OC San Plant 2 prior to ocean discharge. Utilization of this line should be considered during future project phases and will require further coordination with OC San prior to selection.

3.9 Desalination Technology in Use in Study Area

Summary of any water reclamation, recycling and desalination technology currently in use in the study area, and opportunities for development of improved technologies.

Currently there are no groundwater desalination facilities located within the specific project study area. However, within the study area the region does utilize groundwater recharge via indirect potable reuse by GWRS. The treated effluent from GWRS is used to recharge the local groundwater basin and prevent seawater intrusion by injecting water into the Talbert Barrier.

In addition to the ongoing water recycling in the study area, as described in Section 3.7, there are multiple brackish groundwater desalter facilities and one major seawater desalination facility in the Southern California region. These brackish groundwater desalter facilities and the Carlsbad Seawater Desalination Plant offer an industry recognized basis for the conceptual design of the Local SiP treatment process. Commonly utilized desalination technologies include the following:

- **Source Water Abstraction**
 - o The groundwater is extracted from brackish groundwater wells.
- **Pre-treatment**
 - o The groundwater typically undergoes cartridge filter pre-treatment to remove larger particles and non-soluble material.
- **Reverse Osmosis Desalination**
 - o Cartridge filter effluent is provided as source supply for brackish groundwater reverse osmosis desalination.
 - o Multi-stage array designs are used to help increase recovery up to the feedwater specific osmotic pressure, or sparingly soluble salt recovery limit
 - o For seawater desalination two pass RO design are implemented to reduce boron and bromide concentrations to acceptable levels

- **Decarbonator**
 - o After the groundwater is desalinated, it is sent to the forced-air decarbonator to remove the excess carbon dioxide.
 - o Note: While typical brackish groundwater desalters require carbon dioxide removal, the seawater influenced Local SiP project will require carbon dioxide addition to meet finished water alkalinity requirements.
- **Post-treatment**
 - o Sodium hydroxide and calcium species are added to stabilize the RO permeate and reduce the corrosion potential to the distribution system. Testing is performed to ensure the potable water meets all drinking water health and safety standards.
- **Disinfection**
 - o Post-treated effluent is dosed with sodium hypochlorite to provide a free chlorine residual prior to a chlorine contact tank. Residence time within the chlorine contact tank provides pathogen removal credits. Following disinfection, liquid ammonium sulfate is added to form chloramines for disinfection residual.

4.0 Description of Alternatives

4.1 Non-Federal Funding Condition

Description of the non-Federal funding condition. The reasonably foreseeable future actions that the non-Federal project sponsor would take if Federal funding were not provided for the proposed water reclamation, recycling or desalination project, including estimated costs.

Should Federal funding not be provided for this project, Mesa Water and the other project stakeholders would explore alternative funding sources for the construction of the new brackish groundwater treatment facility and groundwater wells. Potential funding sources may include the following:

- Grants
- Low interest loans from local and/or state sources
- Rates and revenues from rate payers

4.2 Alternative Objectives

Statement of the specific objectives all alternatives, including the water reclamation, recycling or desalination project, are designed to address.

Mesa Water's goal for the Local SiP is to develop a new local water supply sources by pumping and treating areas of the OC Basin that are impacted by seawater influenced brackish groundwater. This includes enhancing the effectiveness of the Talbert Barrier to help protect production wells into the future, especially given the potential for future sea level rise. The project alternatives were designed to address the following objectives:

1. Add 5 to 8 MGD of potable water supply
2. Reduce reliance on imported water
3. Improve the region's ability to withstand droughts and changing weather patterns
4. Protect the groundwater basin from further seawater intrusion
5. Provide the most cost-effective alternative with the highest beneficial use of brackish groundwater

4.3 Description of Project With Cost Estimate

Description of the proposed water reclamation, recycling or desalination project including detailed project cost estimate; annual operation, maintenance, and replacement cost estimate; and life cycle costs shall be provided with sufficient detail to permit a more in-depth evaluation of the project, including non-construction costs. In this regard, the cost estimates shall clearly identify expenditures for major structures and facilities, as well as other types of construction and non-construction expenses and shall be based on calculated quantities and unit prices.

4.3.1 Project Description

The Local SiP includes planning, design, permitting, and construction of infrastructure to support long-term water sustainability. The proposed project will produce 5.35 MGD of treated finished water, reducing reliance on imported water, and strengthening the regions' water supply portfolio. By implementing groundwater wells, a brackish groundwater desalination facility, feed conveyance, and brine management,

the project will support environmental resilience and secure a reliable water supply for the future. Details regarding the Local SiP components and estimated costs are outlined below.

4.3.2 Groundwater Wells

As stated in Subsection 3.6.1, five groundwater wells will be placed in evenly distributed locations along the seaward portion of the Talbert Gap, as shown in Figure 3-2. The exact locations of the groundwater wells will be finalized during detailed design. These wells, screened within the shallow Talbert Aquifer, will be outside of the Coastal Commission Zone which will simplify permitting requirements by eliminating the need for Coastal Commission approval. As shown in Table 4-1, the well depths will range from 120 to 180 feet, with individual well flows varying between 0.6 and 2.0 MGD collectively extracting nearly 8 MGD of source water for the proposed 5.35 MGD project.

Table 4-1 Local SiP (5.35 MGD) Groundwater Wells Flow and Depth Information

Well	Approximate Flow (MGD)	Approximate Depth (ft)
Well #1	1.8	180
Well #2	2.0	180
Well #3	2.0	180
Well #4	1.7	180
Well #5	0.6	120
Total	8.0	Not Applicable

For the purposes of this feasibility study, it was assumed that the groundwater wells would be operating at full capacity throughout the year. During detailed design, additional operational modeling scenarios will be evaluated to determine how the new groundwater wells will operate during various seasons, as well as under emergency and drought conditions. These scenarios will consider Mesa Water and the project stakeholder's existing systems.

4.3.3 Site Procurement

A preliminary site investigation was included as part of this Study. Several factors were taken into consideration including:

- Zoning classification
- Footprint
- Ensuring pipeline conveyance would not cross over major highways, railroad tracks, or waterways (including the Santa Ana River)
- Distance to the brine discharge locations
- Distance to the nearest wetland or environmentally sensitive areas

Filtering all the industrial parcels larger than one acre in the study area, an industrial zone in Fountain Valley was recommended for the treatment facility. There is also the potential to find a parcel closer to the groundwater wells during the detailed design phase to reduce construction costs for the conveyance portion of the project; however, further permitting and coordination with Huntington Beach's planning

division would be required to identify the selected parcel of land. Regardless of the treatment site location, Mesa Water would need to procure the land and demolish the existing structure(s). Similarly, Mesa Water will need to procure five separate sites for the groundwater wells. Refer to Section 11.1 for further considerations.

4.3.4 Treatment Process and Facility Area

An illustrative block flow diagram for the proposed treatment facility is shown on Figure 4-1. Table 4-2 describes each component and justification for their inclusion.

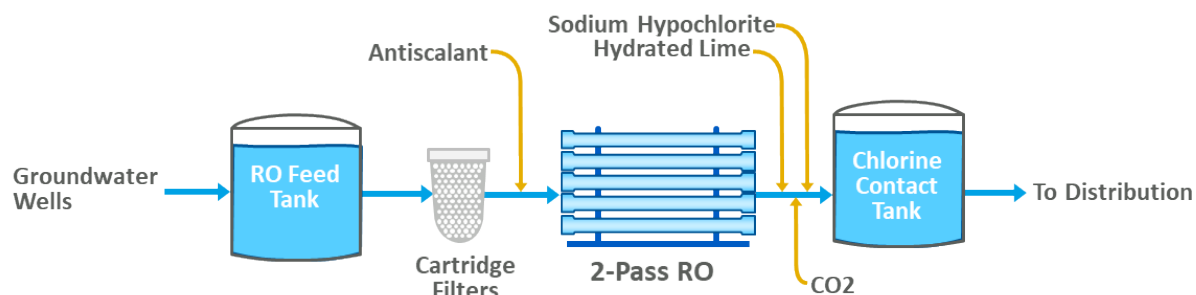


Figure 4-1 Treatment Block Flow Diagram

Table 4-2 Treatment Process Descriptions

Process	Purpose
RO Feed Tank	Flow equalization.
Cartridge Filters	Remove particulates prior to RO.
2-Pass RO	For TDS, boron, and bromide reduction.
Post-treatment	Hydrated lime used for pH adjustment and remineralization of permeate. CO2 addition used for pH adjustment and alkalinity.
Disinfection	Virus inactivation in accordance with regulatory requirements.

A conceptual site layout, incorporating each treatment component, was developed to estimate the total footprint required for site acquisition. The estimated total site footprint is approximately 70,000 square feet (sq-ft) or 1.6 acres. The estimated area includes space for an electrical room, chemical storage, vehicle road access, and an administration office. The estimated footprint will serve as a basis for evaluating site feasibility and guiding future design and permitting activities.

4.3.5 Design Capacity and Annual Yield

There were two design capacities that were evaluated for this feasibility study that are summarized in Table 4-3.

Table 4-3 Design Capacity Summary

	2.65 MGD Alternative	5.35 MGD Alternative
Feed Flow from Groundwater Wells (MGD)	4.00	8.00
Overall RO Recovery	70%	70%
Brine Discharge (MGD)	1.19	2.38
Finished Water Capacity (MGD)	2.65	5.35
Annual Yield (AFY)	2,996	5,993

One of Mesa Water's goals for this project was to produce 5 to 8 MGD of finished water to offset the supply of imported water. The 5.35 MGD finished water capacity achieves this goal.

4.3.6 Distribution

The finished water from the brackish groundwater treatment facility will be conveyed into Huntington Beach and Mesa Water's existing distribution system via OC-44 line as described in Subsection 1.3.3 and Section 3.2. The finished water will feed Mesa Water's two existing reservoirs to then be pumped to customers' homes or used for emergency water storage. The preliminary distribution piping, assuming the treatment facility will be located in the Fountain Valley industrial zone, is shown on Figure 4-2.

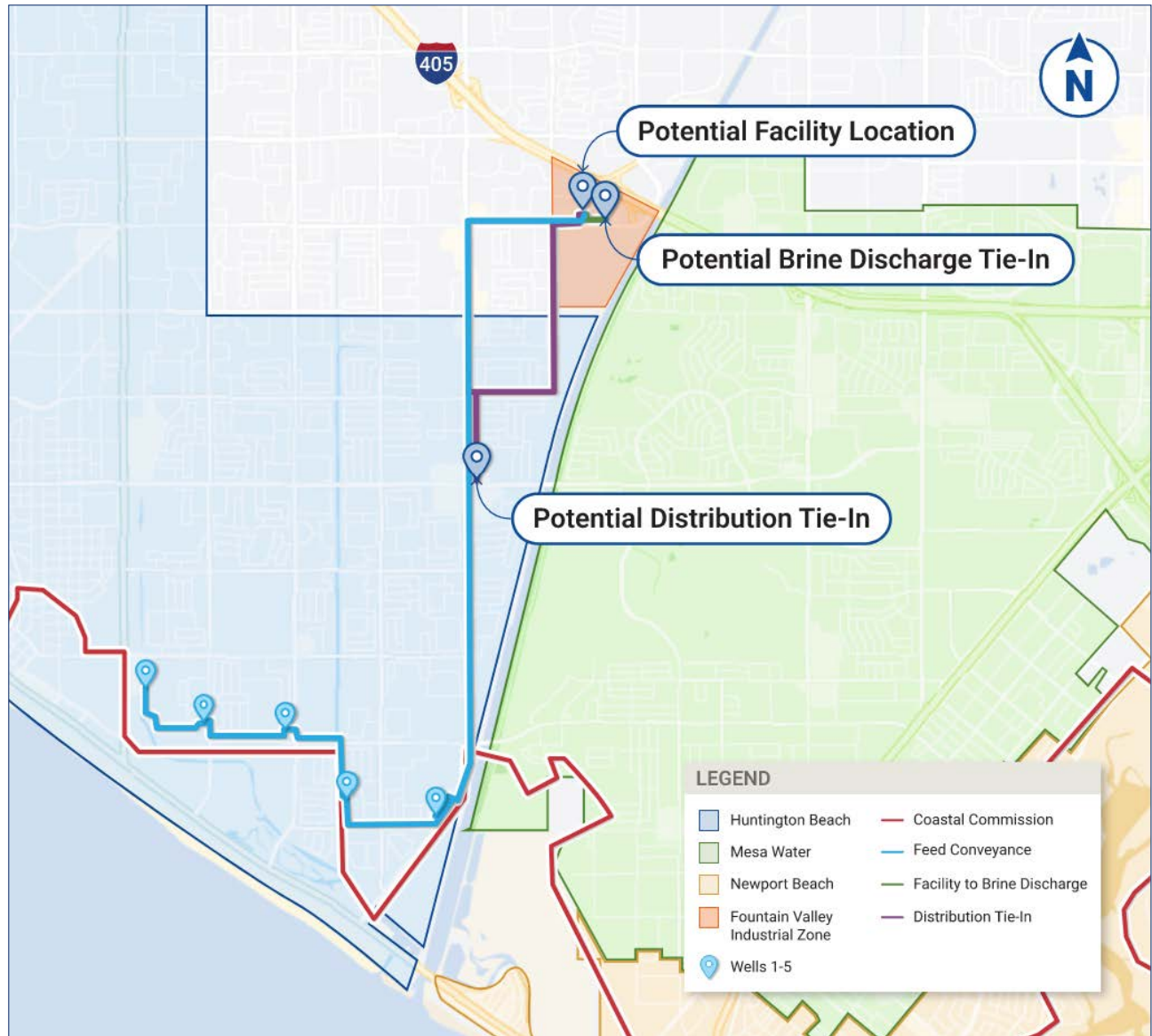


Figure 4-2 Proposed Local SIP Infrastructure

4.3.7 Brine Disposal

The preliminary brine disposal strategy for the Local SiP is to convey the brine approximately 1,000 LF from the treatment facility to the OC San Interplant Trunkline. From there, it will be routed to OC San Plant 2 for re-treatment and final discharge through the existing ocean outfall system. For the 5.35 MGD proposed project, a brine flow of 2.38 MGD is anticipated. Discharge into OC San's Interplant Trunkline will comply with specific water quality requirements from OC San and NPDES regarding temperature, salinity, and concentration of pollutants. The project will incorporate operational controls and monitoring to ensure the brine discharge consistently meets all applicable water standards. The proposed brine conveyance alignment can be found in Figure 4-3. The Interplant Trunkline pipe alignment can be found in Figure 4-3.

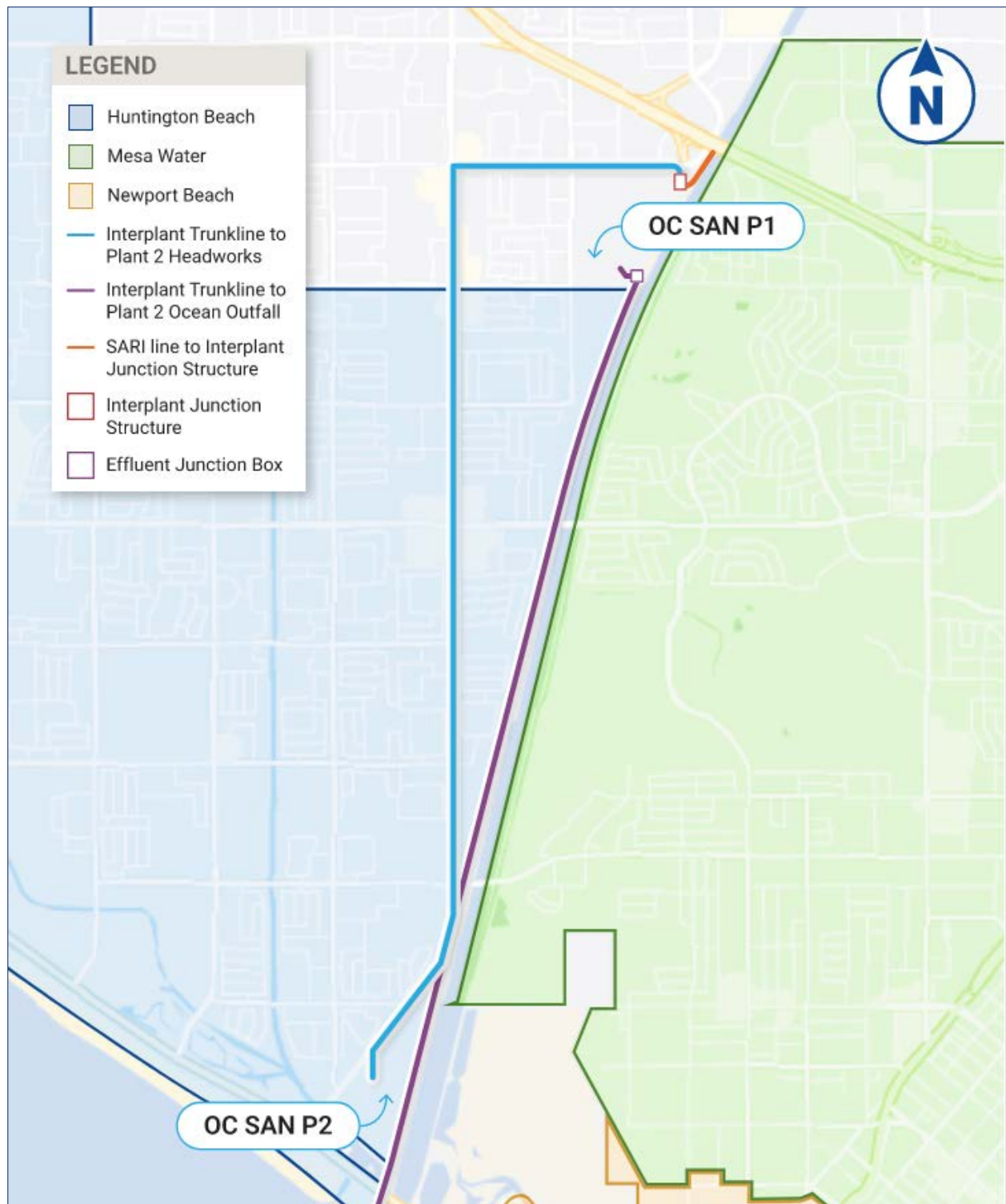


Figure 4-3 Interplant Trunkline Map

4.3.8 Local Supply Improvement Project Cost Estimate

A high-level summary of the costs associated with the proposed Local SiP is summarized in Table 4-4. The costs below do not have any grant funding applied.

Table 4-4 Local Supply Improvement Project 5.35 MGD Cost Summary

Component	Costs
Total Construction Cost	\$276.9 M
Site Procurement	\$12.97 M
Annualized O&M	\$8.870 M per year
30-Year Net Present Value (NPV)	\$448.5 M
First Year Unit Cost per AF (2025)	\$2,671
Cost per AF	\$2,495 per AF

4.3.9 Class 5 OPCC Direct Costs

This feasibility study prepared a Class 5 opinion of probable construction costs (OPCC) for the various project components listed in Table 4-5. The direct costs shown in Table 4-5 include material, labor, and equipment costs. The various contractor markups and contingencies were added to the construction subtotal to calculate the total construction costs. According to the Association for the Advancement of Cost Engineering guidelines, a Class 5 cost estimate is defined within a probable range between -50% to +100%. A detailed breakdown of the Local SiP OPCC can be found in Appendix A.

Table 4-5 Class 5 OPCC Direct Costs Summary

Project Component	Class 5 Cost Estimate	Notes
Groundwater Wells	\$11.38 M	Refer to Subsections 3.6.2 and 4.3.2
Feed Conveyance	\$23.44 M	CML&C pipe from each groundwater well location to the proposed treatment site
Site Demolition	\$948,900	Structure demolition at existing site to be procured
Treatment	\$64.15 M	Refer to Subsection 4.3.4
Finished Water Distribution	\$7.617 M	CML&C pipe from treatment site to distribution tie in point
Brine Disposal	\$722,300	CML&C pipe to brine discharge location
Construction Subtotal	\$108.3 M	Subtotal includes material, labor, and equipment costs
Contractor Markups and Contingencies	\$168.6 M	Refer to Appendix A
Total Construction Costs	\$276.9 M	

4.3.10 Project Costs

In addition to the total construction costs for the Local SiP, Mesa Water will need to procure a new treatment site and five new groundwater well sites as described in Section 0. Based on current real estate values in Fountain Valley's industrial zone, \$7.8 million/acre was the assumed land value in the analysis. Finally, a 10% design fee was assumed for the consultant to develop the construction drawings and specifications, groundwater modeling, coordinate permitting requirements, administrative efforts, and construction phase services. The total project cost is summarized in Table 4-6.

Table 4-6 Local SiP Project Costs

Project Component	Class 5 Cost Estimate	Notes
Total Construction Costs	\$276.9 M	See Table 4-5
Site Procurement	\$12.97 M	Assumed a 1.6-acre treatment site and five groundwater well sites at \$7.8 million/acre
Consultant Design Fee	\$27.69 M	Assumed 10% of total construction costs
Total Project Cost	\$317.5 M	

4.3.11 Operating Costs

In addition to the OPCC, costs to operate the facility were also developed. Refer to Appendix B for more detailed operational expenses (OPEX) cost assumptions. Operational costs consist of:

- Chemical costs (varies for each chemical)
- Energy – \$0.13 per kWh
- Process consumables such as cartridge filter replacements and RO membrane replacements
- Spare parts and maintenance
- Labor – Three full time employees (FTEs)
- Brine disposal – Assumed \$90 per AF
- Replenishment Assessment Fee to OCWD – Assumed \$206 per AF, based on the proportion of groundwater flowing from the inland basin

4.4 Feasibility Study Level Project Cost Estimate

The estimated costs shall also be presented in terms of dollars per million gallons (MG), and/or dollars per acre-foot of capacity, to facilitate comparison of alternatives described in Paragraph 4.B.(5) below. References, design data, and assumptions must be identified. The level of detail shall be as required for feasibility studies in RM D&S, Cost Estimating (FAC 09-01).

The overall project life-cycle costs and financial assumptions are summarized in Table 4-7. A breakdown of the 30-year life-cycle costs are provided in Table 4-8. The Local SiP would provide potable water at a first-year cost of \$2,671 per AF. The life-cycle approach assumes that 20 percent of the total project cost would be covered via grants, and the remaining balance would be covered through a loan with an upward-sloping

debt profile (2.5% increase in interest per year over 30 years). The following assumptions were applied to the life-cycle analysis:

- Project Cost Loan – 2.5% interest rate with 2.5% increase per annum
- O&M (General) Inflation Rate– 2.5%
- O&M (RA Fee) Inflation Rate – 3.0%
- Discount Rate – 3.7%

Table 4-7 Project Life-Cycle Costs

Life-Cycle Costs and Yield	Cost and Yield	Notes
Project Cost	\$317.5 M	Presented in 2025 dollars. Includes total construction cost, site procurement, and 10% design fee. Refer to Table 4-6.
30-Year Net Present Value (NPV)	\$448.5 M	See breakdown in Table 4-8 for details.
Annual Project Yield (AFY)	5,993	Equates to 5.35 MGD.
Lifetime Project Yield (AF)	179,800	Life-cycle period of 30 years.
First Year Unit Cost per AF (2025)	\$2,671	Year 1 Total Annual Cost ÷ Annual Project Yield
Unit Cost per AF	\$2,495	30-Year NPV ÷ Lifetime Project Yield

Table 4-8 30-Year Life Cycle Cost Breakdown for 5.35 MGD Alternative

Year	Loan Payment	O&M (General)	O&M (RA Fee)	Total Annual Cost	Total Annual Cost (in 2025 Dollars)	Cumulative Cost (in 2025 Dollars)
1	\$10.3 M	\$7.2 M	\$1.9 M	\$16.5 M	\$16.0 M	\$16.0 M
2	\$10.6 M	\$7.3 M	\$1.9 M	\$17.0 M	\$15.8 M	\$31.8 M
3	\$10.8 M	\$7.5 M	\$2.0 M	\$17.6 M	\$15.7 M	\$47.6 M
4	\$11.1 M	\$7.7 M	\$2.0 M	\$18.1 M	\$15.6 M	\$63.3 M
5	\$11.4 M	\$7.9 M	\$2.1 M	\$18.6 M	\$15.5 M	\$78.9 M
6	\$11.7 M	\$8.1 M	\$2.2 M	\$19.2 M	\$15.4 M	\$94.3 M
7	\$11.9 M	\$8.3 M	\$2.2 M	\$19.7 M	\$15.3 M	\$109.6 M
8	\$12.2 M	\$8.5 M	\$2.3 M	\$20.3 M	\$15.2 M	\$124.8 M
9	\$12.6 M	\$8.7 M	\$2.4 M	\$20.9 M	\$15.0 M	\$139.9 M
10	\$12.9 M	\$8.9 M	\$2.4 M	\$21.5 M	\$14.9 M	\$154.9 M
11	\$13.2 M	\$9.2 M	\$2.5 M	\$22.1 M	\$14.8 M	\$169.8 M
12	\$13.5 M	\$9.4 M	\$2.6 M	\$22.8 M	\$14.7 M	\$184.5 M
13	\$13.9 M	\$9.6 M	\$2.7 M	\$23.4 M	\$14.6 M	\$199.2 M
14	\$14.2 M	\$9.9 M	\$2.7 M	\$24.1 M	\$14.5 M	\$213.7 M
15	\$14.6 M	\$10.1 M	\$2.8 M	\$24.8 M	\$14.3 M	\$228.1 M
16	\$14.9 M	\$10.4 M	\$2.9 M	\$28.3 M	\$15.8 M	\$243.9 M
17	\$15.3 M	\$10.6 M	\$3.0 M	\$29.0 M	\$15.6 M	\$259.6 M
18	\$15.7 M	\$10.9 M	\$3.1 M	\$29.8 M	\$15.5 M	\$275.1 M
19	\$16.1 M	\$11.2 M	\$3.2 M	\$30.5 M	\$15.3 M	\$290.5 M
20	\$16.5 M	\$11.5 M	\$3.3 M	\$31.3 M	\$15.1 M	\$305.6 M
21	\$16.9 M	\$11.7 M	\$3.4 M	\$32.1 M	\$15.0 M	\$320.6 M
22	\$17.3 M	\$12.0 M	\$3.5 M	\$33.0 M	\$14.8 M	\$335.5 M
23	\$17.8 M	\$12.3 M	\$3.6 M	\$33.8 M	\$14.6 M	\$350.1 M
24	\$18.2 M	\$12.6 M	\$3.7 M	\$34.7 M	\$14.5 M	\$364.7 M
25	\$18.7 M	\$13.0 M	\$3.8 M	\$35.5 M	\$14.3 M	\$379.0 M
26	\$19.1 M	\$13.3 M	\$3.9 M	\$36.5 M	\$14.1 M	\$393.2 M
27	\$19.6 M	\$13.6 M	\$4.1 M	\$37.4 M	\$14.0 M	\$407.2 M
28	\$20.1 M	\$14.0 M	\$4.2 M	\$38.3 M	\$13.8 M	\$421.1 M
29	\$20.6 M	\$14.3 M	\$4.3 M	\$39.3 M	\$13.7 M	\$434.9 M
30	\$21.1 M	\$14.7 M	\$4.4 M	\$40.3 M	\$13.5 M	\$448.5 M

4.5 Waste-stream Disposal and Water Quality

Description of waste-stream discharge treatment and disposal water quality requirements, if applicable, for the proposed water reclamation, recycling or desalination project.

Brine generated from the RO concentrate would be discharged into OC San's existing Interplant Trunkline that feeds into Plant 2. The flow would be re-treated at Plant 2 and ultimately be discharged through OC San's 5-mile ocean outfall while complying with ocean discharge standards that meet OC San's NPDES permit requirements. Further coordination with OC San is required during detailed design. Mesa Water would pay a brine disposal fee per AF of discharge to OC San. These costs are reflected in the cost estimates for the project.

4.6 Alternative Measures or Technologies for Reclamation, Distribution, and Reuse

Description of one or more alternative technologies that could be used in the proposed water reclamation, recycling or desalination project under consideration. Where a project only consists of reclaimed, recycled or desalinated water distribution, alternative plans for distribution or implementation will be provided. These alternatives must be approvable by the state(s) or tribal authorities in which the project will be located.

4.6.1 Slant Wells

Slant wells are drilled at an angle from a location on land that allows access to offshore or nearshore aquifers, targeting the saline front. Slant wells should be explored for this project to help more specifically target aquifer zones or zones of particular salinity as well as potentially minimize subsidence risk.

Slant wells would enable specific targeting of aquifer zones which can provide more precision in the salinity zones targeted as well as optimizing the ratio of water sourced from inland (Talbert Barrier) versus the ocean. To prevent concerns over potential induced land subsidence from projected drawdown at the potential well locations, slant wells could distribute the effects of drawdown over a wider area, reducing the likelihood of inducing land subsidence.

4.6.2 High Recovery Reverse Osmosis

A conventional two-pass seawater RO system is proposed for the Local SiP due to elevated TDS, boron, and bromide concentrations in the coastal aquifer caused by seawater intrusion. Conventional seawater RO designs are a proven approach for seawater desalination, however alternative high-recovery technologies such as DesaliTec's Closed-Circuit Reverse Osmosis (CCRO), Rotec's Flow-Reversal RO (FRRO), and IDE Technologies Pulse Flow RO (PFRRO) all provide operational advantages that could increase the overall energy efficiency, chemical usage and recovery of the treatment plant. In the case of each of these technologies off-the-shelf conventional RO components are re-configured into non-conventional system designs that are operated with proprietary control programs. These technologies typically seek to vary the local concentration factor on the feed side of the RO membranes, as well as the flow patterns as compared to conventional RO system designs.

As part of pre-design investigations these high recovery RO technologies should be further investigated to quantify their ability to decrease energy and chemical usage, potentially increase the recovery of the first pass of the proposed SWRO and lower annual operational costs. Implementation of these processes could increase the potable water production capacity of the treatment plant and reduce the volume of disposed concentrate. A desktop evaluation and competitive analysis would be required to assess the applicability and financial implications across all available technologies prior to employing the process.

5.0 Economic Analysis

A water reclamation, recycling or desalination feasibility study report must include an economic analysis of the proposed water reclamation, recycling or desalination project relative to other water supply alternatives that could be implemented by the non-Federal project sponsor in lieu of a water reclamation, recycling or desalination project. This assessment needs to identify the degree to which the water reclamation, recycling or desalination project alternative is cost-effective, and the economic benefits that are to be realized after implementation. The study lead must submit the following information for the economic analysis in a water reclamation, recycling or desalination feasibility study report.

5.1 Existing and Projected Future Conditions With and Without Project

The economic analysis included in the feasibility study report shall describe the conditions that exist in the area and provide projections of the future with, and without, the project. Emphasis in the analysis must be given to the contributions that the plan could make toward alleviation of economic problems and the meeting of future water demand.

The existing economic conditions of the project area can first be described with a summary of the Orange County economy. In 2023 the Federal Reserve Bank calculated the Gross Domestic Product of Orange County to be \$333 billion dollars annually. If compared as a country this would rank the size of Orange County's economy just behind Chile and ahead of Finland. Major industries in Orange County include technology, aerospace, healthcare, tourism, real estate, higher education, financial and professional services, and agriculture. Once one of the largest agricultural regions in the country, agricultural output has dropped in recent decades due to urbanization of the environment. Currently, Orange County's top agricultural crops include ornamental trees and shrubs, strawberries, vegetables, citrus and fruits and berries. Despite the changing industrial landscape paradigm, the existing economic condition that remains constant in Orange County is growth. Growth in population, employment and economic output all which are built on the foundation of ready access to water.

Future Conditions without Project

Future conditions without the project will require project stakeholders to depend on the existing water supply portfolio to sustain population and economic development growth in the face of furthering water supply reductions. Per the 2022 California Water Supply Strategy, existing water supplies are expected to decrease by 10% by 2045. Across Mesa Water, Huntington Beach and Newport Beach's 2020 Urban Water Management Plans, the projected supply gap resulting from a reduction in available supplies will grow to approximately 6,255 AFY by 2045 (Table 5-1). Without the proposed project, the non-federal project sponsors will need to reduce supply to either business or residential sectors.

Table 5-1 Projected Supply Gap by 2045

Supply Type	2025	2030	2035	2040	2045
Total Supplies (AFY)	58,719	61,004	61,957	62,251	62,550
Total Supplies After Anticipated 10% Reduction (AFY)	52,847	54,904	55,761	56,026	56,295
Projected Demand (AFY)	58,719	61,004	61,957	63,251	62,550
Project Supply Gap (AFY)	-5,872	-6,100	-6,196	-6,225	-6,255
Sources: 1. Supply and demand projections based on the Mesa Water, Huntington Beach, and Newport Beach 2020 UWMPs, (Arcadis, 2021). 2. WaterSMART: Water Recycling and Desalination Planning Grant Application – Local Groundwater Supply Improvement Project					

According to *The Economic Impacts of Water Shortages in Orange County* (Brattle, 2022) reductions in residential and commercially available water supply are likely to result in:

- Direct revenue loss to utilities that would need to either be absorbed by services providers or passed on to rate payers.
- Reduction in annual business output and loss of jobs.

To offset the loss of supply services, providers would also likely need to implement strict water restrictions. However, following the severe drought period from 2013 to 2015, the project stakeholders have already implemented permanent water conservation practices to reduce per capita water use across their services areas. As a result, the projected supply gap is at risk of directly hampering economic development in the study area in the form of reduced economic output and job losses.

Future Conditions with Project

With the implementation of the Local SiP project stakeholders will be able to develop a new sustainable locally sourced water supply to offset the projected water supply gap. Based on the groundwater model performed to date, it is estimated that up to 85% of the anticipated supply gap could be met with implementation of the Local SiP. Additionally, proper implementation of the seawater influenced extraction wells could help draw the current 250 mg/L chloride contour line closer to the seaward portion of the Talbert Gap, thereby improving water quality in the OC Basin. Finally, the proposed project would also help reduce the dependence of project stakeholders on imported water during emergency periods of severe drought or seismic activity.

5.2 Alternatives Cost Comparison

A cost comparison of alternatives that would satisfy the same demand as the proposed water reclamation, recycling or desalination project. Alternatives used for comparison must be likely and realistic, and developed with the same standards with respect to interest rates and period of analysis.

This section provides a cost comparison for the three alternatives investigated during this feasibility study.

5.35 MGD Brackish Groundwater Treatment Facility

The Local SiP consists of a 5.35 MGD brackish groundwater treatment facility. Refer to Section 4.3 for further information.

2.65 MGD Brackish Groundwater Treatment Facility

The second alternative is a 2.65 MGD finished water flow brackish groundwater treatment facility. Similar to the first alternative, there would be five groundwater wells spread evenly through the seaward portion of the Talbert Gap to pump seawater influenced brackish groundwater to a new treatment facility. However, only 4.0 MGD would be pumped from the groundwater basin. This alternative was considered because it is the upper limit of groundwater pumping before land subsidence becomes a concern. As discussed in Section 10.1, the groundwater model needs further recalibration to determine a more accurate limit of groundwater pumping.

The treatment process flow diagram would be the same as presented in Section 4.3 but with a reduced number of equipment to reflect the reduced influent flow. For example, only two RO trains would be needed instead of three trains in the proposed project alternative. Mesa Water would produce 2.65 MGD of finished water that would be tied into the existing distribution system. Finally, 1.19 MGD of brine would be discharged into the OC San Interplant Trunkline to be routed to the ocean outfall.

No Project Alternative

The No Project Alternative would consist of Mesa Water and project stakeholders continuing to rely on imported water from the SWP and CRA. There would be no further diversification of the region's water supply portfolio. With severe drought conditions in the study area, there is a larger risk for Mesa Water to continue their current water management strategy. In addition, MWDOC is anticipating an 11.5% imported water rate increase from 2027 to 2028. While MWDOC projections extend to 2030, the project life-cycle period extends 25 years further. There are a wide variety of unknowns that may impact the inflation rate of imported water over the 30-year span, including exponential exacerbation of imported water supply and the implementation of large-scale MWD projects, such as Pure Water Southern California. Accordingly, the project team has elected to provide a potential range of life-cycle costs for the No Project Alternative. The more-favorable end of the range assumes a 9% inflation rate of imported water over the full 30-year project life cycle. The less-favorable end of the range assumes a 9% inflation rate for the first 10 years of the project, followed by 7.2% inflation rate for the remaining 20 years. 7.2% was derived by averaging all historical inflation rates from 2008 to 2030, along with five years of 9% inflation from 2030 to 2035.

Besides being able to meet water demand for the study area, this alternative does not meet any of Mesa Water's objectives to provide a sustainable water supply to its customers.

Alternatives Cost Comparison

The cost comparison between the three alternatives described above is shown in Table 5-2. The proposed project has the lowest cost per AF as shown below and is recommended because it meets Mesa Water's water supply goals and is the most cost effective over a 30-year life cycle.

Table 5-2 Alternatives Cost Comparison

Cost Component	5.35 MGD Brackish Groundwater Treatment Facility ¹	2.65 MGD Brackish Groundwater Treatment Facility ¹	Import 5.35 MGD of Treated Water (No Project Alternative) ^{1, 2}
Total Construction Costs	\$276.9 M	\$193.3 M	-
Total Project Cost ⁴	\$317.5 M	\$223.4 M	-
Total Project Cost less 20% Grant	\$254.0 M	\$178.7 M	-
OPEX Costs (Year 2025)	\$8.870 M	\$4.771 M	\$9.625 M
30-Year Net Present Value (NPV)	\$448.5 M	\$284.4 M	\$490.6 M
Annual Project Yield (AFY)	5,993	2,996	5,993
Lifetime Project Yield (AF)	179,800	89,890	179,800
First Year Unit Cost per AF (2025)	\$2,671	\$3,459	\$1,606
Unit Cost per AF ³	\$2,495	\$3,163	\$2,728
1. The interest rate, discount rate, inflation rate, and other cost assumptions are described in Section 4.4. 2. A treated water cost baseline (2025) of \$1,528 was used with a 9.0% treated imported water inflation rate for the first 10 years followed by 7.2% for the remaining 20 years. 3. Unit cost per AF is in 2025 dollars over the next 30 years. 4. Project costs include total construction costs, site procurement, and consultant's design fee as described in Section 4.3.10.			

Comparing the 5.35 MGD Brackish Groundwater Treatment Facility Alternative with the No Project Alternative, the break-even point in cumulative present value may occur anywhere between year 18 and year 25 of the 30-year analysis as shown in Figure 5-1.

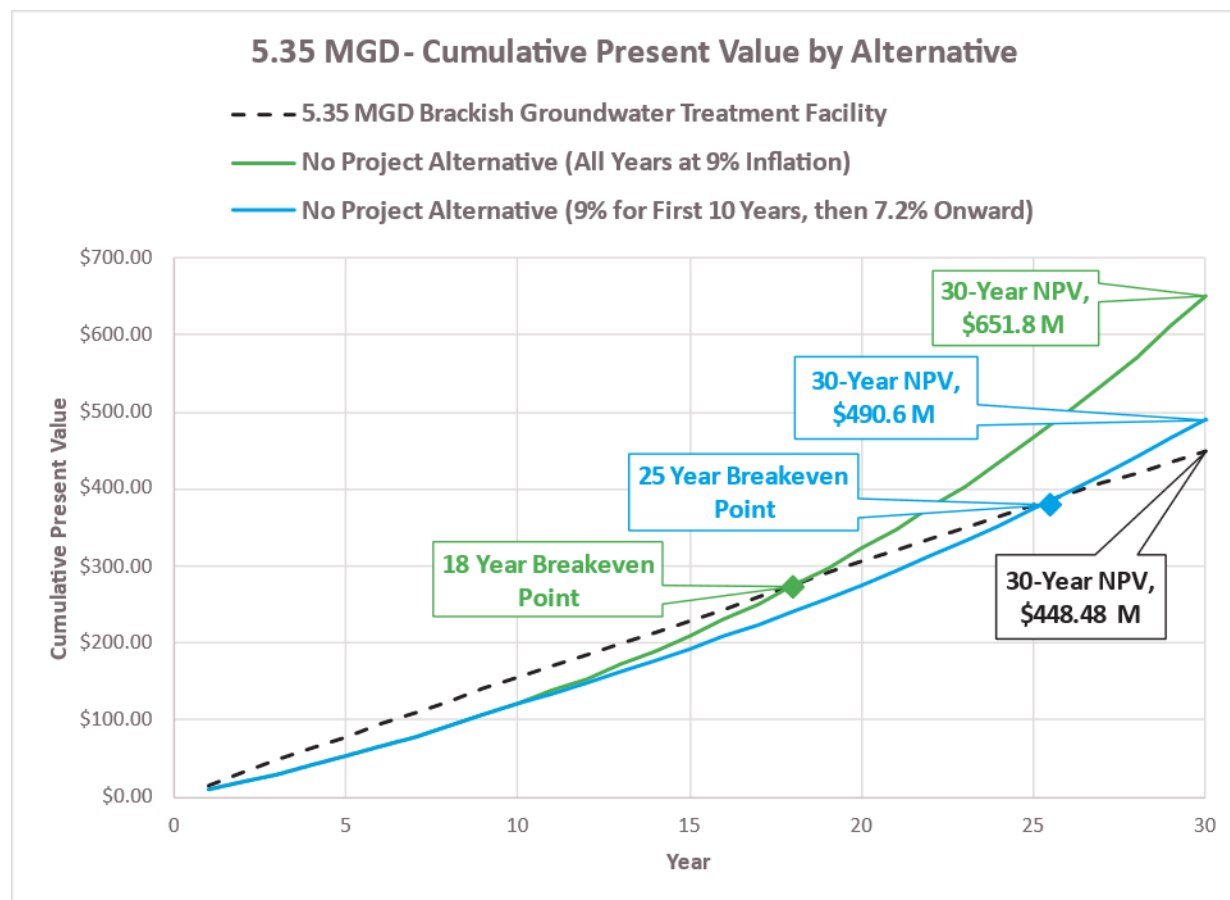


Figure 5-1 Net Present Value Break-even Point

5.3 Description of Water Supply Alternatives

Description of other water supply alternatives considered to accomplish the objectives to be addressed by the proposed water reclamation, recycling or desalination project, including benefits to be gained by each alternative, total project cost, life cycle cost, and corresponding cost of the project water produced expressed in dollars per MG, and/or dollars per acre-foot. An appraisal level cost estimates, or better, is acceptable for these alternatives.

Water supply alternatives such as seawater desalination and indirect potable reuse are not suitable solutions for Mesa Water's water demand concerns; therefore, there are no costs to compare to the Local SiP.

From 1998 to 2022, seawater desalination in the area was thoroughly studied for the Huntington Beach Desalination Project which is near the Local SiP study area. The project aimed to convert seawater to 50 MGD of potable drinking water. The seawater desalination facility was designed to use reverse osmosis to treat the seawater and planned to discharge the brine byproduct back into the Pacific Ocean. Opposing parties argued that treating seawater with reverse osmosis was an energy intensive method and that brine discharge could result in negative environmental impacts. The proposed location of the

seawater desalination facility was also a concern due to its proximity to the coast and the risk of flooding from sea level rise and increased storm surges. Due to the outside opposition associated with desalinating seawater, the California Coastal Commission denied the project in 2022. Therefore, exploring seawater desalination is not a relevant alternative for Mesa Water.

Indirect potable reuse is currently not a feasible water supply alternative because the GWRS facility in Orange County, California, is already capturing and treating all reclaimable wastewater sources in the study area. As a result, there is no further recycled water or indirect potable reuse production capacity due to source supply constraints.

5.4 Alternatives Cost Comparison in Absence of Project

When a water reclamation, recycling or desalination project provides water supplies for municipal and industrial use, the benefits of the project can be measured in terms of the cost of the alternative most likely to be implemented in the absence of the project. This is assuming that the two alternatives would provide comparable levels of service. This comparison must be provided, if applicable.

The most feasible and comparable alternative to the Local SiP would be the 2.65 MGD Brackish Groundwater Treatment Facility Alternative presented in Section 5.2. As noted, this alternative does not meet Mesa Water's objective of providing sufficient potable water supply to offset the reliance on imported water and account for the future projected supply gap. Additionally, it has a higher cost per AF because of the economies of scale related to the reduced finished water capacity.

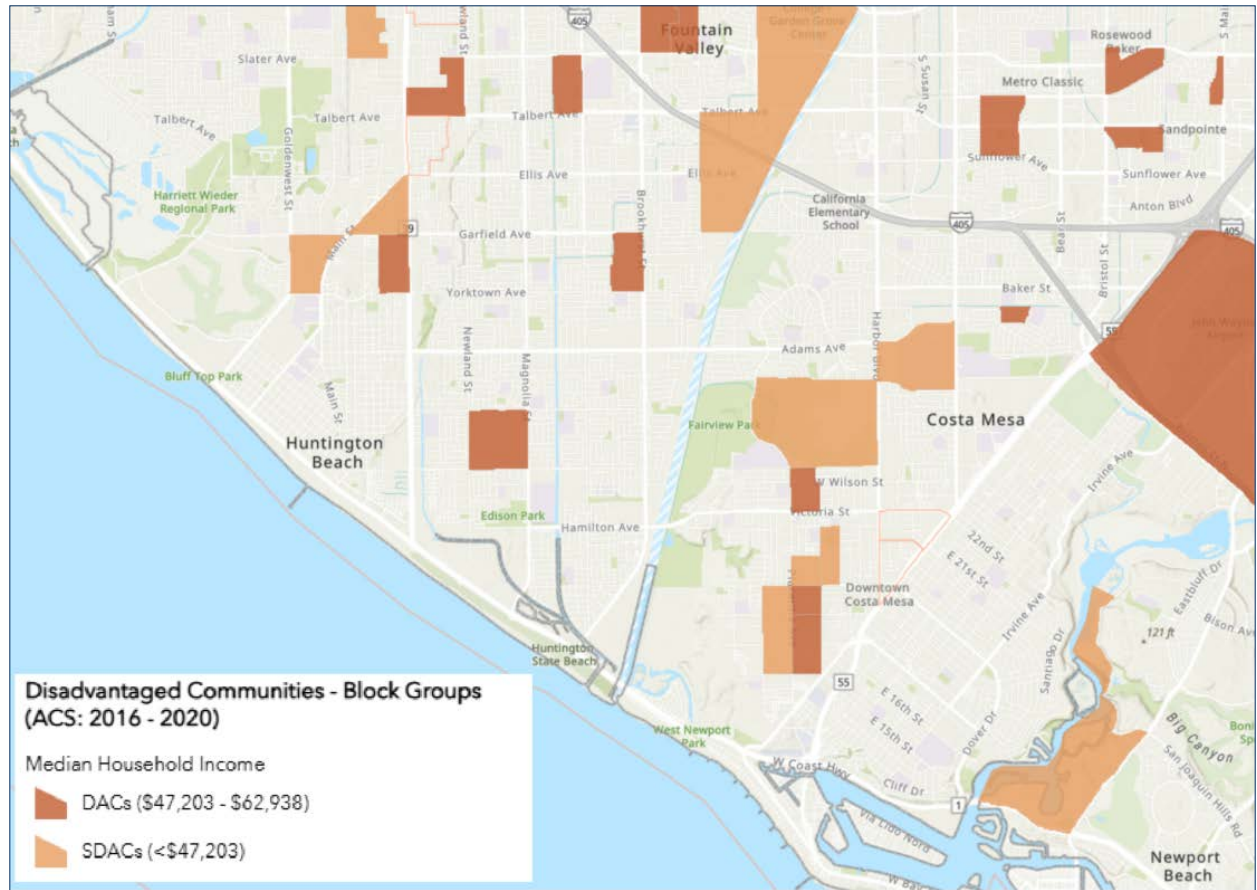
5.5 Project Benefits

Some water reclamation, recycling or desalination project benefits will be difficult to quantify; for example, a drought tolerant water supply, reduced water importation, and other social or environmental benefits. These benefits shall be documented and described qualitatively as completely as possible. These qualitative benefits can be considered as part of the justification for a water reclamation, recycling or desalination project in conjunction with the comparison of project costs described above.

The Local SiP would provide a new and sustainable potable water supply to the project stakeholders that would reduce the region's reliance on imported water and directly address projected future supply gap threatening Orange County's economy. In addition to having the lowest cost per AF of water, there are a range of qualitative benefits related to water supply, water quality, environmental, and the community as defined in Table 5-3 and Figure 5-2. Finally, the Local SiP is the only alternative that meets all of Mesa Water's objectives to supply 5 to 8 MGD of potable water; reduce reliance on imported water; improve the region's ability to withstand droughts and changing weather patterns; protect the groundwater from seawater intrusion; and provide a cost-effective alternative with the highest beneficial use of brackish groundwater.

Table 5-3 Qualitative Project Benefits

	Project Benefits	Description
Water Supply	Increased Resiliency	Mesa Water currently provides 100% of its water supply from local groundwater. The Local SiP will enhance local and regional water supplies.
	Increased Reliability	By providing alternative supplies within Orange County, the Local SiP will enhance supply reliability for Mesa Water and project stakeholders.
	Reduce Imported Water Usage	The Local SiP will reduce reliance on imported water sources from MWD.
	Reduced Potable Water Usage	The project will reduce potable water usage through desalination of brackish groundwater.
Environment	Support Seawater Intrusion Management	Strategic extraction of brackish groundwater from the seaward portion of the Talbert Gap may intercept seawater before it migrates inland, potentially reducing injection volumes required at the Talbert Barrier while maintaining protection of inland aquifers.
	Resilience	Implementing the Local SiP will provide a flexible water supply during water shortages resulting from droughts and changing weather patterns
	Salinity Management in Groundwater Basin	The Local SiP would reduce the salinity of the local groundwater basin over the life-cycle of the project.
Community/ Economy	Regional Collaboration	Continued water resource collaboration for OCWD, Huntington Beach, Newport Beach, Mesa Water, and other community stakeholders within Orange County.
	Disadvantage Communities (DAC)	The project will increase water security in Mesa Water's service area (13% DAC) and will enhance the supply reliability for the Santa Ana River Watershed (23% DAC). Refer to Figure 5-2.
	Public Knowledge/Education	Public outreach and opportunities for the public to learn about the project details. Educational programs related to water conservation and water use efficiency efforts.



Source: [DAC Mapping Tool](#)

Figure 5-2 Disadvantaged Communities Map

6.0 Selection of the Proposed Title XVI Project

6.1 Selected Alternative

Provide a justification of why the proposed water reclamation, recycling or desalination project is the selected alternative in terms of meeting objectives, demands, needs, cost effectiveness, and other criteria important to the decision.

The selected Local SiP would provide local, reliable, year-round and cost-effective water supplies to Mesa Water and other project stakeholders. The Local SiP would meet the following objectives:

- Add 5 to 8 MGD of potable water supply
- Reduce reliance on imported water
- Improve the region's ability to withstand droughts and changing weather patterns
- Protect the groundwater basin from further seawater intrusion
- Provide the most cost-effective alternative with the highest beneficial use of brackish groundwater

The Local SiP would provide water at a first year unit cost of \$2,655 per AF. Although this is higher than the current 2025 cost of imported water, it is important to consider the long-term financial implications. Project stakeholders have experienced significant increases in the cost per AF of imported water over recent years. Additionally, with concerns about drought conditions, imported water from the SWP is not a reliable source of drinking water for the study area. Overall, the Local SiP would improve the region's resilience in the face of changing weather patterns and unreliable water supply. It is the most cost-effective investment to meet the long-term goals.

6.2 Project Impacts to Existing and Future Supplies

Provide an analysis and, if applicable, an affirmative statement of whether the proposed water reclamation, recycling or desalination project would address the following:

- (i) Reduction, postponement, or elimination of development of new or expanded water supplies;***
- (ii) Reduction or elimination of the use of existing diversions from natural watercourses, or withdrawals from aquifers;***
- (iii) Reduction of demand on existing Federal water supply facilities; and***
- (iv) Reduction, postponement, or elimination of new or expanded wastewater facilities.***

6.2.1 New or Expanded Water Supplies

The local SiP provides an alternative water supply to the region by treating seawater influenced groundwater from the Talbert Gap. This allows Mesa Water and project stakeholders to offset buying imported water with groundwater within the region, creating a new, sustainable water supply.

6.2.2 Reduction or Elimination of the Use of Existing Diversions or Withdrawals

The Local SiP has been designed to offset the amount of imported water by 5.35 MGD (5,993 AFY) to the region by pumping local seawater influenced brackish groundwater, treating it to meet local drinking water standards, and distributing to Mesa Water and project stakeholders' customers. The Local SiP would reduce the reliance on imported water and provide a local, reliable, and clean option for Mesa Water.

6.2.3 Existing Federal Water Supply Facilities

This subsection is not applicable to the Local SiP. Mesa Water and project stakeholders use groundwater from the OC Basin, which is managed by OCWD, and imported water through the SWP and CRA which is managed by MWD and provided by MWDOC.

6.2.4 New or Expanded Wastewater Facilities

This subsection is not applicable to the Local SiP. There are no new wastewater facilities planned in the study area.

7.0 Environmental Considerations and Potential Effects

The review of a water reclamation, recycling or desalination feasibility study report does not require National Environmental Policy Act (NEPA) compliance. The Department of the Interior categorical exclusion 1.11 “Activities which are educational, informational, advisory, or consultative to other agencies, public and private entities, visitors, individuals or the general public” applies to Reclamation’s consultative review, and preparation of the water reclamation, recycling or desalination feasibility study reports. As stated in Paragraph 1. Scope, Reclamation is not making a recommendation to go forward with the proposed water reclamation, recycling or desalination project, nor is Reclamation using the water reclamation, recycling or desalination feasibility study report to propose an action to the Congress.

The water reclamation, recycling or desalination feasibility study report must include sufficient information on the proposed water recycling or desalination project to allow Reclamation to assess the potential measures and costs that will be necessary to comply with NEPA, and any other applicable Federal law. Accordingly, the following information is required.

- (i) Discussion whether, and to what extent, the proposed water reclamation, recycling or desalination project will have potentially significant impacts on endangered or threatened species, public health or safety, natural resources, regulated waters of the United States, or cultural resources.*
- (ii) Discussion whether, and to what extent, the project will have potentially significant environmental effects, or will involve unique or undefined environmental risks.*
- (iii) Description of the status of required Federal, state, tribal, and/or local environmental compliance measures for the proposed water reclamation, recycling or desalination project, including copies of any documents that have been prepared, or results of any relevant studies.*
- (iv) Any other information available to the study lead that would assist with assessing the measures that will be necessary to comply with NEPA, and other applicable Federal, state or local environmental laws such as the Endangered Species Act or the Clean Water Act.*
- (v) Discussion of how the proposed water reclamation, recycling or desalination project will affect water supply and water quality from the perspective of a regional, watershed, aquifer, or river basin condition.*
- (vi) Discussion of the extent to which the public was involved in the feasibility study, and a summary of comments received, if any.*
- (vii) Description of the potential effects the project will have on historic properties. Discussion must include potential mitigation measures, the potential for adaptive reuse of facilities, an analysis of historic preservation costs, and the potential for heritage education, if necessary.*

7.1 Environmental Considerations for Assessing NEPA Compliance

Efforts to analyze potential project impacts are in the early stages. However, preliminary analysis shows that impacts from the Local SiP would be less than significant, or could be reduced to less than significant, with implementation of appropriate mitigation measures. Necessary mitigation measures would be further developed and refined during the CEQA/NEPA process and incorporated into the final design. Preliminary analysis did not identify any significant and unavoidable impacts associated with implementation of the proposed project.

The Local SiP Feasibility Study analyzes various alternatives for implementation, as described below:

- Alternative 1 – Construct groundwater wells and treatment plant to produce 2.65 MGD
- Alternative 2 – Construct groundwater wells and treatment plant to produce 5.35 MGD
- Alternative 3 – No Action Alternative

Refer to Section 5.0 for a detailed description of the alternatives.

7.1.1 Potential Significant Impacts

Discussion whether, and to what extent, the proposed water reclamation, recycling, or desalination project will have potentially significant impacts on endangered or threatened species, public health or safety, natural resources, regulated waters of the United States, or cultural resources.

7.1.1.1 Endangered, Threatened, or Proposed Species

Species listed as threatened or endangered under the Endangered Species Act (ESA) are provided federal protection, and the killing or possession of plants and animals listed as a California endangered species is prohibited by the California Endangered Species Act (CESA).

The U.S. Fish and Wildlife Service's (USFWS) Information for Planning and Consultation (IPaC) online tool, accessed on June 12, 2025, was used to generate a list of federally protected species that could be impacted by projects within the study area. The list is based on the geography of the study area boundary, which encompasses all alternatives. According to the IPaC, a total of 15 threatened and endangered (T&E) species were identified to potentially inhabit the alternative study areas. No designated critical habitat was identified within the Local SiP vicinity.

Alternatives 1 and 2 run along the same route eastward from five wells near Huntington City Beach, across the Talbert Channel, and then north to a proposed desalination facility near the Santa Ana River. Both these alternatives could have the potential to impact the federally listed species discussed in this report. However, based on a preliminary analysis and experience with similar projects, no impacts are anticipated. If impacts were to occur, adequate mitigation is available and can be implemented to avoid them, reduce them to less than significant, or compensate for potential impacts, if necessary.

Currently, California does not maintain databases of state-listed protected plant or animal species by geographic area, such as by county. However, the online Calflora® database is a nonprofit database that provides information on California vegetation, including records of species identification across the state. Black & Veatch reviewed this database to identify if any state-listed threatened or endangered plant species have been recorded within the project area. Although the database records showed no current identification of state-listed species within the study area, it is recommended to survey for these species should future field visits and/or site reconnaissance be necessary. Along with protection under the CESA, the California Native Plant Protection Act (NPPA) prohibits the take of endangered or rare native species. There are some exceptions for agricultural and nursery operations, emergencies, and after proper notification to the California Department of Fish and Wildlife (CDFW).

The construction and operation of the Local SiP may directly or indirectly affect biological resources as it will potentially utilize areas within Huntington Beach. T&E fauna and flora species that may occur in the Local SiP vicinity and may be impacted by the implementation of this project, are described below.

- The **Pacific pocket mouse (*Perognathus longimembris pacificus*)** is listed as endangered by the ESA, but is not listed by the state. The species has been federally listed since 1994, when a single population in Orange County was discovered after the species had been assumed extinct. Several more populations have been discovered since. The Pacific pocket mouse is primarily associated with sandy soils in a range of habitats with open vegetation structure in coastal southern California, including dunes, strands, mesas, and drainages with mixed coastal scrub, grasses, and forbs. Besides their small population size, the main threat to the species is habitat fragmentation and degradation. The probability of the Pacific pocket mouse occurring within the vicinity of the Local SiP is low, but upland areas of the Newland Marsh property south of Wells 1 and 2 could potentially provide adequate habitat.
- The **California least tern (*Sternula antillarum browni*)** is listed as endangered by both the ESA and CESA. One of the smallest species of tern, the California least tern was first listed as endangered in 1970 after habitat loss caused drastic population decline. The species' current range includes coastal areas from San Pablo Bay, California, in the north, to San Jose del Cabo, in the state of Baja California Sur, Mexico, to the south. They require open/sandy dunes for nesting habitat and shallow coastal waters for feeding. Considering the Local SiP's vicinity to the coastline and Newland's marsh property, which includes patches of open sand, the probability of the California least tern occurring within the vicinity of the Local SiP is moderate.
- The **coastal California gnatcatcher (*Polioptila californica californica*)** is listed as threatened under the ESA, but is not listed by the state. The species has been federally listed as threatened since 1993. The range of this species extends coastal southern California to northwestern Mexico, where it lives in and around coastal sage scrub. This species is non-migratory, and is threatened by habitat loss and brood parasitism by the brown-headed cowbird (*Molothrus ater*). Due to the general lack of appropriate habitat, the probability of the coastal California gnatcatcher occurring within the Local SiP vicinity is low.
- The **least Bell's vireo (*Vireo bellii pusillus*)** is listed as endangered by both the ESA and CESA. First federally listed as endangered in 1986, the least Bell's vireo is threatened primarily by habitat loss. However, the species' recovery has also been hindered by brood parasitism by the brown-headed cowbird. During breeding season, they require areas with dense vegetation along riparian corridors. They forage in a variety of habitats and migrate from southern California to northwestern Mexico in winter. Considering the Local SiP's vicinity to the Newland's marsh property, which includes some riparian vegetation, the probability of the least Bell's vireo occurring within the vicinity of the Local SiP is moderate.
- The **light-footed Ridgway's rail (*Rallus obsoletus levipes*)** is listed as endangered by both the ESA and CESA. The species was originally federally listed as endangered in 1969, and its largest threats continue to be habitat degradation associated with hydrology modifications, pollution, sea level rise, and non-native invasive species. They rely on saltmarsh habitats for foraging and nesting areas. Currently, their range is restricted to a handful of coastal marshes, lagoons, and some freshwater habitats from southern Ventura County, California, southward to northern Baja California, Mexico. Considering the project's vicinity to the Newland's marsh property, probability of the light-footed Ridgway's rail occurring within the vicinity of the Local SiP is moderate.
- The **southwestern willow flycatcher (*Empidonax traillii extimus*)** is listed as endangered by the ESA and CESA. It has been federally listed as endangered since 1995, mostly due to loss of

densely vegetated riparian habitats. These habitats have been altered by development, water impoundment (dams), water diversion for agriculture, and groundwater pumping. Their current breeding range includes southern California, southern Nevada, southern Utah, Arizona, New Mexico, and southwestern Colorado. They are migratory, travelling south to overwinter in Mexico, Central America, and northern South America. Considering the Local SiP's vicinity to the Newland's marsh property, which includes some riparian vegetation, the probability of the southwestern willow flycatcher occurring within the vicinity of the project is moderate.

- The **western snowy plover (*Charadrius nivosus nivosus*)** is listed as threatened by the ESA, but is not listed by the state. The species was first federally listed in 1993 as human activity, urban development, and increased predation caused declining populations. The western snowy plover nests on the ground on broad open beaches or flats, where vegetation is sparse. Human disturbance, such as beach use and introduction of beach grasses, continues to limit reproductive success. They are migratory, and their current range covers several southwestern states and Mexico. Due to the general lack of appropriate habitat, the probability of the coastal western snowy plover occurring within the Local SiP vicinity is low.
- The **southwestern pond turtle (*Actinemys pallida*)** is proposed for listing as threatened under the ESA, but is not listed under the CESA. They are a medium-sized turtle that can inhabit aquatic habitats at varying elevations throughout their range, including ponds, lakes, and rivers. Habitat loss combined with high nest predation, siltation, and invasive predators such as the bullfrog, have caused declines in the southwestern pond turtle population. Their current range extends from just south of San Francisco Bay to Baja California, Mexico. Due to the general lack of appropriate habitat, the probability of the southwestern pond turtle occurring within the Local SiP vicinity is low.
- The **western spadefoot (*Spea hammondi*)** is proposed for listing as threatened under the ESA, but is not listed under the CESA. It is a relatively smooth-skinned species of spadefoot toad that can be found in localized populations throughout the central valley of California, and as far south as San Diego. It is predominantly found in grassland, scrub, and chaparral communities. The western spadefoot's largest threat is urban development of their primary habitats, along with growing scarcity of vernal pools for egg-laying. Due to the general lack of appropriate habitat, the probability of the western spadefoot occurring within the Local SiP vicinity is low.
- The **monarch butterfly (*Danaus plexippus*)** is proposed for listing as threatened under the ESA. The monarch butterfly overwinters in southwestern California and Mexico. During spring, the butterfly disperses northward across North America. They utilize a wide variety of habitats in search of nectar sources and milkweed plants (genus *Asclepias*). Milkweed plants are essential in their life cycle, as only species of *Asclepias* provide food for monarch caterpillars. Adult monarchs require flowering plants to provide nectar as a food source. From October through early March, they migrate to southwestern California. Because the Local SiP area is within the migratory corridor of the monarch butterfly, and could contain suitable habitat for the species life-history requirements, the probability of occurrence is moderate.
- The **San Diego fairy shrimp (*Branchinecta sandiegonensis*)** is listed as endangered by the ESA, but is not listed by the state. The species was first listed as federally endangered in 1997, and faces threats that include habitat development, off-road vehicles, and altered hydrological regimes. The San Diego fairy shrimp lives exclusively in vernal pools and ephemeral basins, hatching and developing rapidly after adequate rainfall between January and March. They feed on algae and organic matter, and the cysts that contain their eggs can withstand long dry periods. The current range of the San Diego fairy shrimp is believed to be limited to southwestern

California and northwestern Baja California, Mexico. Due to the lack of appropriate habitat, the probability of the San Diego fairy shrimp occurring within the Local SiP vicinity is zero.

- **Nevin's barberry (*Berberis nevinii*)** is listed as endangered by both the ESA and the CESA. The Nevin's barberry is an evergreen, flowering shrub that grows up to 13 feet tall, flowering from March to April. The species has tough leaves and many small yellow flowers that produce clusters of yellow/red berries, which are eaten by many bird species. Although it can be found in a variety of topographies and habitats, populations of Nevin's barberry have drastically declined due to development, fire, and low reproductive output. They are generally found in mesic habitats, which can also be threatened by changes in hydrological regimes. Considering the Local SiP's vicinity to the Newland's marsh property, and Nevin's barberry ability to survive in a variety of habitats, the species could occur within the Local SiP vicinity, but probability is low.
- **Salt marsh bird's-beak (*Cordylanthus maritimus ssp maritimus*)** is listed as endangered by the ESA, but is not listed by the state. Salt marsh bird's beak is a flowering annual plant and may grow up to 1.5 feet in height. While the species' historical range was widespread from Santa Barbara County, California, south to Baja California, Mexico, its current range has become fragmented to isolated salt marshes along the California coast. Along with habitat fragmentation, the salt marsh bird's beak is sensitive to changes in salinity. Considering the Local SiP's vicinity to the Newland's marsh property, which includes marsh vegetation, salt marsh bird's beak could occur within the Local SiP vicinity, but probability is low.
- **San Diego button-celery (*Eryngium aristulatum var parishii*)** is listed as endangered by the ESA and the CESA. It is an annual herbaceous species that grows in a spreading pattern along the ground, up to 16 inches across. It is only found in vernal pools within freshwater wetland, sage scrub, or grassland communities. Loss of these vernal pools is the greatest threat to the San Diego button-celery, but trampling, vehicle traffic, and nonnative species competition also challenge the species' recovery. Due to the lack of appropriate habitat, the probability of San Diego button-celery occurring within the Local SiP vicinity is zero.
- **Venture marsh milk-vetch (*Astragalus pycnostachyus var lanosissimus*)** is listed as endangered by the ESA and the CESA. It is a short-lived perennial herb with yellow-white flower cluster that bloom from June to October. The Ventura marsh milk-vetch was thought to have gone extinct until its rediscovery in 1997, and was subsequently listed as federally endangered. It has an extremely limited current range, with only one known wild population surviving in an abandoned oil-field site in Oxnard known. Habitat loss and degradation are the largest factor in the species' decline, although its complicated pollinator requirements have also hindered reintroduction efforts. Due to the lack of appropriate habitat, and Ventura marsh milk-vetch's extremely limited range, the probability of the species occurring within the Local SiP vicinity is zero.

Considering the current information from the alternatives, which includes the use of existing infrastructure and ground disturbance in already disturbed areas, Tables 7-1 and 7-2 illustrate the Probability of Occurrence for each species within the study area.

Black & Veatch reviewed available federal, and state listed species data and study area habitats to assign a Probability of Occurrence rating for each species. Probability of Occurrence ratings found in Table 7-1 are defined as follows:

- **Zero** – Species has no chance of naturally occurring within the study area.
- **Low** – Species has not been documented in the region or suitable habitat within the study area is limited and of low quality.

- **Moderate** – Species has been documented in the region and suitable habitat is present within the study area.
- **High** – Species has been documented in the region and high-quality suitable habitat is available within the study area.

Table 7-1 Federal and State Listed Species, Study Area Polygon, Orange County, California

Scientific Name	Common Name	Federal Status	State Status	Probability of Occurrence
Mammals				
Pacific Pocket Mouse	<i>Perognathus longimembris pacificus</i>	E	N	Low
Birds				
California Least Tern	<i>Sternula antillarum browni</i>	E	E	Moderate
Coastal California Gnatcatcher	<i>Polioptila californica californica</i>	T	N	Low
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	E	E	Moderate
Light-footed Ridgway's Rail	<i>Rallus obsoletus levipes</i>	E	E	Moderate
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	E	E	Moderate
Western Snowy Plover	<i>Charadrius nivosus nivosus</i>	T	N	Low
Reptiles and Amphibians				
Southwestern Pond Turtle	<i>Actinemys pallida</i>	PT	N	Low
Western Spadefoot	<i>Spea hammondi</i>	PT	N	Low
Insects				
Monarch Butterfly	<i>Danaus plexippus</i>	PT	N	Moderate
Crustaceans				
San Diego Fairy Shrimp	<i>Branchinecta sandiegonensis</i>	E	N	Zero
Plants				
Nevin's Barberry	<i>Berberis nevinii</i>	E	E	Low
Salt Marsh Bird's-beak	<i>Cordylanthus maritimus ssp maritimus</i>	E	N	Low
San Diego Button-celery	<i>Eryngium aristulatum var parishii</i>	E	E	Zero
Ventura Marsh Milk-vetch	<i>Astragalus pycnostachyus var lanosissimus</i>	E	E	Zero
Source: USFWS IPaC: https://ipac.ecosphere.fws.gov/ , Calflora: https://www.calflora.org/ N- Not listed E- Endangered T- Threatened PT- Potentially Threatened				

Critical Habitats

No designated critical habitats were identified within the vicinity of the Local SiP area. An official critical habitat designation does not affect land ownership, allow the government to take or manage private property, establish a conservation area, or allow the government or public access to private land. Critical habitat designations also do not impact the activities of private landowners if there is no federal nexus.

Bald and Golden Eagles

According to the IPaC, both Bald (*Haliaeetus leucocephalus*) and Golden eagles (*Aquila chrysaetos*) are potentially found in the study areas. The Bald and Golden Eagle Protection Act (BGEPA), enacted in 1940, specifically prohibits the take of bald eagles and golden eagles, including feathers, eggs, and nests, without a permit.

Golden eagles are typically found near mountains, canyonlands, and bluff areas adjacent to grassland, chaparral, and shrubland habitats. The study area is not typical of the Golden eagle's range, nor does it contain suitable foraging habitat. Most Golden eagles in California are permanent residents, with others migrating into California for winter.

The IPaC report indicates that there is likely a presence of Bald eagles within the study area. Bald eagles occur throughout the United States and are commonly associated with river courses or large bodies of water that provide foraging opportunities. Bald eagles eat fish, waterfowl, and carrion, and tend to build large nests in proximity to rivers/lakes.

The proposed alternatives are in urban/developed areas. While the coastal areas near the Local SiP may provide hunting areas for bald and golden eagles, it is unlikely that the study area will provide nesting opportunities for these species.

Migratory Birds

The Migratory Bird Treaty Act (MBTA) of 1918 represents an assemblage of international conservation treaties intended to ensure the sustainability of populations of protected migratory bird species. The MBTA prohibits the take, including killing, capturing, selling, trading, and transport, of protected migratory bird species without prior authorization by the USFWS. The MBTA is applicable to migratory bird species native to the United States and US territories, listing more than 1,000 species. The species described in Table 7-2 were indicated through the IPaC report to potentially utilize the Local SiP study area. The probability of occurrence for each species is based on USFWS survey data recorded within the 10 km grid cell(s) containing the Local SiP boundary.

Table 7-2 Migratory Bird Resources, Study Area Polygons, Orange County, California

Scientific Name	Common Name	Breeding Season	Probability of Presence ¹
Allen's Hummingbird	<i>Selasphorus sasin</i>	Feb. 1 - Jul. 15	Jan. - Dec.
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Jan. 1 - Aug. 31	Oct. - Nov., Jan.
Belding's Savannah Sparrow	<i>Passerculus sandwichensis beldingi</i>	Apr. 1 - Aug. 15	Jan. - Dec.
Black Oystercatcher	<i>Haematopus bachmani</i>	Apr. 15 - Oct. 31	Jan., Apr. - Sep.
Black Skimmer	<i>Rynchops niger</i>	May 20 - Sep. 15	Jan. - Dec.
Black Swift	<i>Cypseloides niger</i>	Jun. 15 - Sep. 10	May, Nov.
Black Tern	<i>Chlidonias niger surinamensis</i>	May 15 - Aug. 20	Jul. - Oct.
Black Turnstone	<i>Arenaria melanocephala</i>	Breeds elsewhere	Feb. - Dec.
Black-chinned Sparrow	<i>Spizella atrogularis</i>	Apr. 15 - Jul. 31	Sep.
Brandt's Cormorant	<i>Urile penicillatus</i>	Apr. 15 - Sep. 15	Jan. - Dec.
Bullock's Oriole	<i>Icterus bullockii</i>	Mar. 21 - Jul. 25	Jan. - Dec.
California Gull	<i>Larus californicus</i>	Mar. 1 - Jul. 31	Jan. - Dec.
California Thrasher	<i>Toxostoma redivivum</i>	Jan. 1 - Jul. 31	Sep. - May
Clark's Grebe	<i>Aechmophorus clarkii</i>	Jun. 1 - Aug. 31	Jan. - Dec.
Common Yellowthroat	<i>Geothlypis trichas sinuosa</i>	May 20 - Jul. 31	Jan. - Dec.
Elegant Tern	<i>Thalasseus elegans</i>	Apr. 5 - Aug. 5	Mar. - Nov.
Golden Eagle	<i>Aquila chrysaetos</i>	Jan. 1 - Aug. 31	Dec.
Gull-billed Tern	<i>Gelochelidon nilotica</i>	May 1 - Jul. 31	Mar. - Aug.
Heermann's Gull	<i>Larus heermanni</i>	Mar. 15 - Aug. 31	Jan. - Dec.
Lawrence's Goldfinch	<i>Spinus lawrencei</i>	Mar. 20 - Sep. 20	Feb. - Jun.
Long-eared Owl	<i>Asio otus</i>	Mar. 1 - Jul. 15	Jan.
Marbled Godwit	<i>Limosa fedoa</i>	Breeds elsewhere	Jan. - Dec.
Mountain Plover	<i>Charadrius montanus</i>	Breeds elsewhere	Nov. - Mar.
Northern Harrier	<i>Circus hudsonius</i>	Apr. 1 - Sep. 15	Jan. - Dec.
Nuttall's Woodpecker	<i>Dryobates nuttallii</i>	Apr. 1 - Jul. 20	Jan. - Dec.
Oak Titmouse	<i>Baeolophus inornatus</i>	Mar. 15 - Jul. 15	Jul., Sep. - Oct.
Olive-sided Flycatcher	<i>Contopus cooperi</i>	May 20 - Aug. 31	Apr. - May, Aug. - Oct.
Red Knot	<i>Calidris canutus roselaari</i>	Breeds elsewhere	Jan. - Dec.
Santa Barbara Song Sparrow	<i>Melospiza melodia graminea</i>	Mar. 1 - Sep. 5	Jan. - Dec.

Scientific Name	Common Name	Breeding Season	Probability of Presence ¹
Scripps's Murrelet	<i>Synthliboramphus scrippsi</i>	Feb. 20 - Jul. 31	Aug.
Short-billed Dowitcher	<i>Limnodromus griseus</i>	Breeds elsewhere	Jan. - Dec.
Tricolored Blackbird	<i>Agelaius tricolor</i>	Mar. 15 - Aug. 10	Jan., May
Western Grebe	<i>Aechmophorus occidentalis</i>	Jun. 1 - Aug. 31	Jan. - Dec.
Western Gull	<i>Larus occidentalis</i>	Apr. 21 - Aug. 25	Jan. - Dec.
Willet	<i>Tringa semipalmata</i>	Breeds elsewhere	Jan. - Dec.
Wrentit	<i>Chamaea fasciata</i>	Mar. 15 - Aug. 10	Jan. - Dec.

Source: USFWS IPaC: <https://ipac.ecosphere.fws.gov/>

¹ Probability of Presence – months with the highest probability of presence as reported in IPaC resource list.

Of the 36 migratory bird species identified by the IPaC report, most are more likely to be found within nearby protected marsh habitats than within the Local SiP boundary. The Newland, Magnolia, and Brookhurst Marshes are owned and managed by the Huntington Beach Wetlands Conservancy, and are located less than 0.5 miles from the Local SiP route. All appropriate best practices should be employed to reduce potential impacts in areas closest to these marshes, particularly Newland Marsh, which lies just south of Wells 1 and 2.

The presence of all these species, including mitigation measures to eliminate or reduce impacts, will be further analyzed during the CEQA/NEPA process.

7.1.1.2 Potential Significant Impacts to Public Health

Discussion whether, and to what extent, the proposed water reclamation, recycling or desalination project will have potentially significant impacts on public health or safety.

Construction and operation of either Alternative 1 or 2 for Mesa Water District could adversely impact public health and safety. The potential for public health and safety impacts would be confirmed during the CEQA review process. Based on preliminary evaluation, it is anticipated that significant impacts to public health and safety can be avoided or reduced to a less than significant level through the development and implementation of appropriate mitigation measures.

7.1.1.3 Potential Significant Impacts to Natural Resources

Discussion whether, and to what extent, the proposed water reclamation, recycling or desalination project will have potentially significant impacts on natural resources.

Refer to Section 2.4 for a detailed description of the Local SiP's impact on water quality.

The potential for significant impacts to natural resources can be confirmed during the CEQA review process. Based on preliminary evaluation, it is anticipated that significant impacts to natural resources can be avoided or reduced to a less than significant level through development and implementation of appropriate mitigation measures.

7.1.1.4 Potential Significant Impacts to Regulated Waters of the United States

Discussion whether, and to what extent, the proposed water reclamation, recycling or desalination project will have potentially significant impacts on regulated waters of the United States.

Prior to implementation and construction of either Alternatives 1 or 2 for the Mesa Water District, preliminary jurisdictional delineations of waters crossed by the proposed project or otherwise potentially affected by project activities would be performed. Statutes within the Clean Waters Act (CWA), California Fish and Game Commission (CFGF), and California Porter-Cologne Act protect wetlands and riparian habitat. USACE has regulatory authority over wetlands and waters of the United States (WOTUS) under Section 404 of the CWA. The Regional Water Quality Control Boards (RWQCBs) ensure water quality protection in California pursuant to Section 401 of the CWA, and Section 13263 of the Porter-Cologne Act. The CDFW regulates waters of the State as it relates to sensitive biological resources under the CFGF Section 1600 (et seq.). A search of the USFWS National Wetlands Inventory (NWI) June 2025, identified the Santa Ana River roughly 260 feet from the proposed pipe route for Alternatives 1 and 2. The pipeline appears to cross a manmade channel between Wells 3 and 4.

The potential for significant impacts to regulated waters can be confirmed during the CEQA review process. Based on preliminary evaluation, it is anticipated that significant impacts to regulated waters can be avoided or reduced to a less than significant level through development and implementation of appropriate mitigation measures.

7.1.2 Potential Significant Environmental Impacts

Discussion whether, and to what extent, the project will have potentially significant environmental effects, or will involve unique or undefined environmental risks.

In addition to the discussed impacts of the Local SiP discussed above, there may be additional effects in areas such as greenhouse gas emissions, noise, vibration, drought risks, drawdown concerns, ecosystem impacts, transportation and traffic, and others. The CEQA/NEPA document will analyze impacts to all resource areas as determined by appropriate regulations. It is anticipated that the Local SiP will have minimal to no impacts based on the preliminary review presented in this report. If any impacts are identified, mitigation would be implemented to eliminate or reduce them to a less than significant level.

Groundwater extraction in the Talbert Gap has the potential to cause localized drawdown in the confined Talbert Aquifer. Lowering water levels in highly compressible soils (e.g., confining units) can induce subsidence. While the aquifer lies within a coarse, high-transmissivity unit that may reduce the risk of compaction, the risk of land subsidence cannot be entirely ruled out, particularly in areas where the aquifer is overlain by thick units comprised compressible fine-grained sediments.

Groundwater modeling results indicate that under higher extraction scenarios (e.g., 6 to 8 MGD), localized drawdown near production wells may drop below historically low water levels, introducing risk of decreased pore pressure to offset overburden strain. While the shallow depth and unconfined nature of some sediments in this zone reduce the likelihood of deep compaction, subsidence cannot be ruled out, particularly if prolonged drawdown propagates within the compressible clay-rich units. As a result, further investigation into characterizing and mitigating the risk of land subsidence is recommended.

Land subsidence mitigation strategies include the following:

- Defining operational thresholds for minimum water levels
- Monitoring of land elevations

- Staged production ramp-up to detect early signals of land subsidence
- Considering alternative well technologies to distribute the impacts of drawdown (Refer to Subsection 4.6.1)

The CEQA/NEPA analyses will evaluate options to minimize the above-mentioned impacts. Mitigation measures or changes to the project design or operation will be implemented to minimize or avoid potential negative impacts.

7.1.3 Status of Required Environmental Compliance Measures

Description of the status of required Federal, state, tribal, and/or local environmental compliance measures for the proposed water reclamation, recycling, or desalination project, including copies of any documents that have been prepared, or results of any relevant studies.

The Local SiP may require permits, surveys, or reviews from various agencies, including, but not limited to, USACE, USFWS, California Department of Fish and Wildlife (CDFG), Santa Ana RWQCB, and the State Historic Preservation Office (SHPO). Appropriate right-of-way easements and permits may also be required for any construction staging areas, or if access roads or driveways are needed. No CEQA or NEPA documentation has been prepared for any of the alternatives at this time.

The following is recommended for Alternatives 1 and 2, and may be required for the CEQA/NEPA review:

- Wetland Delineation
- Endangered Species Act consultation
- Cultural Resource surveys
- Brine Waste Disposal Study
- Mixing/Dilution Study
- Public outreach/involvement programs
- Geotechnical Report
- Phase I Environmental Assessment

This subsection does not contain all the permits and surveys that may be required. Depending on which alternative option is chosen, additional studies may be required in the CEQA/NEPA analysis.

For the purposes of this feasibility study, Mesa Water has begun a preliminary assessment of permits that would be needed for the project. Coordination with regulatory agencies will begin during the detailed design phase.

7.1.4 Additional Information

Any other information available to the study lead that would assist with assessing the measures that will be necessary to comply with NEPA, and other applicable Federal, state, or local environmental laws such as the Endangered Species Act or the Clean Water Act.

During the groundwater treatment, minimal odor can be generated from the process treatment, which disperses naturally into the surrounding environment. These odors may impact nearby areas, which can lead to complaints and public opposition. Mesa Water District actively participates in several programs that address impacts to water supplies including:

- Hosting Water Issues Study groups for community members.
- Providing educational experiences, like STEM Night, at local schools, which discuss the importance of water quality.
- Actively work with organizations like Orange County Water District to implement groundwater protection programs.
- Adhere to their transparency policy and support policies that balance the benefits and cost of new mandates, that includes government transparency and accountability.

7.1.5 Regional Effects on Water Supply and Water Quality

Discussion of how the proposed water reclamation, recycling, or desalination project will affect water supply and water quality from the perspective of a regional, watershed, aquifer, or river basin condition.

The Local SiP intends to provide long-term water sustainability for the project stakeholders and their consumers. As noted in Section 1.1.1, groundwater is Mesa Water District's sole water source. The current water supply for the Mesa Water District is pumped from the OC Basin via nine wells. Water from the Santa Ana River, imported water from MWD, and product water from the GWRS are used to replenish the basin. Water from the Mesa Water Reliability Facility (MWRF) is also used to supplement groundwater.

The proposed brackish groundwater project has the potential to influence both water supply reliability and water quality conditions within the Orange County Groundwater Basin, particularly in its coastal region.

From a water supply standpoint, the project introduces a new, locally controlled, and drought-resilient source of potable supply by recovering brackish groundwater from the seaward portion of the Talbert Aquifer. This zone, located between the Talbert Barrier and the Pacific Ocean, contains impaired groundwater with chloride concentrations exceeding 10,000 mg/L—water that is not currently extracted for beneficial use. By targeting this underutilized resource, the project supports regional supply diversification without increasing reliance on imported water. However, model results also suggest that some portion of the water extracted by the project may include injected water from the Talbert Barrier, which otherwise would have migrated inland to contribute to replenishing the basin.

While this interception of barrier water may reduce its intended protective benefit, it also presents an opportunity: by capturing injected water before it mixes with higher salinity seawater, the project may enhance treatment efficiency and reduce salinity loading. This tradeoff will be evaluated in coordination with OCWD to ensure alignment with basin management objectives.

With respect to water quality, groundwater modeling indicates that the project could provide hydraulic benefit to the basin by reducing the burden on the inland Talbert Barrier system in its role of providing protection to the basin from seawater intrusion.

Additional evaluations regarding the Local SiP's effects on water supplies and water quality, will be conducted as part of the CEQA/NEPA review process during preliminary design. Mitigation measures or changes to the project design or operation will be implemented to minimize or avoid potential negative impacts.

7.1.6 Feasibility Study Public Involvement

Discussion of the extent to which the public was involved in the feasibility study, and a summary of comments received, if any.

Mesa Water has been actively working with stakeholders to prepare information for water resource alternatives for its customers. The Local SiP analyzed in this report has not yet been presented.

Mesa Water holds regular monthly board meetings and committee meetings. When an alternative is chosen for the Local SiP, it is reasonable to conclude that it would be presented to the public during a regularly scheduled Board and/or council meeting. An option to sign up for a community letter is available as well.

Mesa Water has developed an Urban Water Management Plan and a Water Shortage Contingency Plan that have been made available through their website. The plans provide public education and outreach programs and provide information about local organizations and groups they work with in the community.

Mesa Water includes updates through their website about construction or improvement projects that impact their customers. If an alternative is chosen, it will be reasonable to conclude that it will publicly share this information through their website. Their social media pages are used to inform the community of upcoming events and proposed projects.

Mesa Water is fully committed to public engagement throughout the planning phase to ensure transparency and keep community members informed. Public outreach will remain an important component of Local SiP as it advances through planning, design, construction, and operation. The public will continue to have opportunities to engage with Mesa Water District through the CEQA/NEPA process.

7.1.7 Potential Effects on Historic Properties

Description of the potential effects the project will have on historic properties. Discussion must include potential mitigation measures, the potential for adaptive reuse of facilities, an analysis of historic preservation costs, and the potential for heritage education, if necessary.

The following summary is based on a review of publicly available databases, including the National Register of Historic Places (NRHP), and the California Register of Historic Resources (CRHR). There are no properties currently listed on the NRHP within the Local SiP Area as currently defined. There are at least two NRHP and two CRHR listed properties within 1-mile of the Local SiP Area.

The closest NRHP listed properties to any construction activities are the Huntington Beach Public Library on Triangle Park, and the Helme-Worthy Store and Residence. Both properties are approximately 0.9-miles northwest of the proposed Well One. These properties are separated from the proposed Local SiP area by dense urban development. The Helme-Worthy Store and Residence is also listed on the CRHR.

Additionally, the Fairview Indian Site is an NRHP listed property in Costa Mesa. The location of the Fairview Indian Site is not available in public databases, but consultation with the California Historical Resource Information System (CHRIS) would identify the proximity of the site to the Local SiP area. The Diego Sepúlveda Adobe is a California Historical Landmark listed on the CRHR approximately 0.8-mile east of the proposed pipeline in Costa Mesa. The proposed Local SiP Area is separated from the city of Costa Mesa by dense development and the Santa Ana River. Because of visual buffers separating the project area from listed properties, it is unlikely the NRHP and CRHR listed properties will be affected by project construction.

Orange County is located in an area traditionally inhabited by the Tongva and the Acjachemen indigenous peoples. The Tongva people primarily inhabited the northern area of Orange County, and the Acjachemen people typically inhabited southern Orange County. Both the Tongva and Acjachemen lived in villages and seasonal camps to procure resources that were available during certain seasons. Villages near the coast also relied on fish and shellfish for subsistence. Sites were often situated near freshwater sources, and in ecotones where plant and animal life were diverse and abundant. The nearby Lupukngna and Genga large village sites are located on bluffs overlooking the Santa Ana River. In the late 18th century, Spanish exploration and mission settlements encroached the Orange County area. Many native villages are identified on Spanish missions and ranchos maps of the area. Orange County has since been heavily developed.

Activities associated with the Local SiP could potentially disturb cultural resources. A cultural resource evaluation in accordance with CEQA/NEPA, and Section 106 of the National Historic Preservation Act (NHPA) will be conducted to avoid cultural resources wherever possible and mitigate disturbance if not. This would include a review of the publicly available NRHP and CRHR, a review of the CHRIS to identify previously recorded cultural resources within the project Area, local consultation, a survey of the project Area, and the identification of appropriate measures to address potential impacts to historic properties, if applicable. These measures may include, but will not be limited to, an archaeological excavation, archaeological and/or Native American monitoring, and/or Historic American Building Survey/Historic American Engineering Record documentation, as appropriate. A paleontological assessment will also be conducted to identify potential impacts to paleontological resources.

At this time, Alternatives 1 and 2 will involve construction activities that involve substantial ground disturbance in previously disturbed areas. Excavation in undisturbed areas could potentially impact buried and aboveground cultural and/or tribal resources. Native American consultation under Assembly Bill 52 of 2014 will be conducted. It is anticipated that appropriate avoidance or mitigation measures can be developed during the Native American consultation and CEQA/NEPA review process to reduce impacts to tribal cultural resources to a less than significant level, if needed.

7.2 NEPA Compliance

If, at a later date, Reclamation provides funds for construction, all appropriate NEPA and other environmental and cultural compliance must be completed prior to any ground disturbing activities beginning in order for the project to be eligible.

Mesa Water District recognizes that no ground-disturbing activities (including grading, clearing, and other preliminary activities) can begin on the Local SiP until environmental compliance is fully achieved, and Reclamation authorizes the work to proceed under Title XVI funding. This requirement applies to all aspects of the proposed project, including those covered by the non-Federal sponsors.

8.0 Legal and Institutional Requirements

The water reclamation, recycling or desalination feasibility study shall identify any legal or institutional requirements, or barriers to implementing the proposed project.

8.1 Potential Water Right Issues

Analysis of any water rights issues potentially resulting from implementation of the proposed water reclamation, recycling desalination project. All proposed water reclamation, recycling or desalination projects must comply with state water law.

The Local SiP will require compliance with the State Water Resources Control Board (SWRCB) and the state law regarding the extraction and treatment of groundwater. The project must align with OCWD's groundwater management framework outlined in the Groundwater Management Plan (GWMP) and Groundwater Sustainability Plan Alternative in compliance with the California Sustainable Groundwater Management Act. The Local SiP facility's brine discharge is planned to be conveyed to the OC San Interplant Trunkline. The project must comply with all applicable OC San operational, environmental, and regulatory requirements.

8.2 Potential Legal and Institutional Requirements with Potential to Impact Implementation

Discussion of legal and institutional requirements (e.g., contractual water supply obligations, Indian trust responsibilities, water rights settlements, regional water quality control board requirements), state, and/or local requirements with the potential to affect implementation of the project. Water reclamation, recycling or desalination projects using Reclamation project water must address contractual requirements as described in RM D&S, Reuse of Bureau of Reclamation Project Water (PEC 05-09).

The implementation of the Local SiP potentially will have to meet legal requirements under the Bureau of Reclamation's Reclamation Manual Directive and Standards (RM D&S) Policy and Environmental Compliance 05-09 (PEC 05-09) as well as legal requirements to OCWD. Under PEC 05-09, the reuse of Reclamation project water, such as desalinated brackish groundwater, requires formal agreements that address water rights, usage, pricing, and environmental compliance. All conditions must be met and approved by Reclamation to ensure responsible and authorized water reuse. In addition, because OCWD manages the groundwater basin that will be drawn for supply, Mesa Water may be subject to replenishment or basin management fees and requirements. These combined federal and local requirements could have an impact on the overall financial feasibility of the project. Early coordination with Reclamation, OCWD, and any other institutions will be critical to manage regulatory and cost impacts.

8.3 Multi-Jurisdictional or Interagency Agreements

Discussion of the need for multi-jurisdictional or interagency agreements, any coordination undertaken, and any planned coordination activities.

For the Local SiP, the non-federal project sponsors would need to enter into an agreement that details the financial and operational responsibility of all parties for construction, maintenance, and operations.

Mesa Water would independently construct and operate the Local SiP treatment facility and groundwater wells; however it would be required to enter into a discharge connection agreement with OC San in order to connect to and discharge brine through the Interplant Trunkline.

8.4 Implementation Permitting Procedures

Discussion of permitting procedures required for the implementation of water reclamation projects in the study area, and any measures that the non-Federal project sponsor can implement that could speed the permitting process.

Implementation of the Local SiP will require permits and other forms of approval from Federal, State, and local agencies, as described in Table 8-1. While these permits have not been obtained yet, efforts to initiate the permitting process will begin as early as possible during the design process. Ongoing coordination with permitting agencies will be essential for permit approval.

Table 8-1 Potential Permits

Potential Permit Type	Issuing Agency
Encroachment/Construction Permits	City of Fountain Valley City of Huntington Beach OC Public Works
Building Permit	City of Fountain Valley City of Huntington Beach
Air Quality Permit	South Coast Air Quality Management District
NPDES Permit	RWQCB
Waste Discharge Requirements	RWQCB
Drinking Water Permit	SWRCB
Discharge Agreement	Orange County Sanitation

8.5 Unresolved Issues for Implementation

Discussion of any unresolved issues associated with implementing the proposed water reclamation and reuse project, how and when such issues will be resolved, and how the project would be affected if such issues are not resolved.

One unresolved issue for the implementation of the Local SiP includes land acquisition for the groundwater wells and the treatment facility. An approximately 1.6-acre site will be needed for the treatment facility. It is assumed the property would be purchased in the Fountain Valley industrial zoned area; however, a specific site has not been identified or purchased. Additionally, five groundwater well sites in Huntington Beach outside of the coastal commission zone will need to be acquired. While approximate locations have been identified, formal property acquisition is required.

Further investigation is needed to fully assess subsidence risk associated with drawdown from higher production rates. Site-specific subsurface evaluations and refined modeling will help determine safe extraction rates and wellfield design to avoid infrastructure impacts.

The groundwater model, while sufficient for feasibility-level evaluation, should be updated with recent geologic data and conceptual model refinements. These updates will improve predictions of chloride concentrations, source water contributions from seawater, inland basin groundwater, and injected barrier water, as well as better characterize drawdown impacts. Without these refinements, uncertainties could affect wellfield performance and treatment design, potentially increasing project costs or requiring operational adjustments.

In addition, coordination among project stakeholders and OCWD will be necessary to address management of extracted water that may include previously injected recycled water. Establishing accounting frameworks and financial agreements will be critical for final basin management approvals. Failure to resolve these issues could delay implementation but is not expected to prevent project advancement with appropriate additional analysis and coordination.

8.6 Waste Discharge Requirements

Identification of current and projected wastewater discharge requirements resulting from the proposed Title XVI project (e.g., brine disposal).

As discussed in previous sections, brine generated from the reverse osmosis process is planned to discharge to the OC San Interplant Trunkline to Plant 2 and the ultimately to the existing ocean outfall 5 miles off the coast of Huntington Beach. Discharge to the OC San Ocean Outfall must comply with the Waste Discharge Requirements (WDRs) and OC San's current National Pollutant Discharge Elimination System (NPDES) Permit. Mesa Water will be required to comply with constituent limits established in the NPDES permit and the discharge agreements with OC San.

8.7 Wastewater Discharge Rights

Description of rights to wastewater discharges resulting from implementation of the proposed water reclamation, recycling, or desalination project.

This section is not applicable to the Local SiP. The project will generate brine effluent discharged to the Pacific Ocean.

9.0 Financial Capability of Sponsor

At the water reclamation, recycling or desalination feasibility study stage, Reclamation must request enough information to determine that the non-Federal project sponsor is likely to demonstrate financial capability if the project moves to construction. Reclamation will request more detailed information to make a determination that the non-Federal project sponsor is financially capable of funding the non-Federal share of the project's costs before a funding agreement covering construction can be executed. Accordingly, the following information is required to be included in the water reclamation, recycling or desalination feasibility study report.

9.1 Implementation Schedule

Proposed schedule for project implementation.

Implementation of the Local SiP requires preliminary investigations, design, permitting, and construction of the facility. The anticipated Local SiP schedule milestone dates and timeline is shown in Table 9-1.

Table 9-1 Anticipated Project Schedule

Milestone	Completion Date
Preliminary Investigations	Jan 2027
Facility Design	Jan 2029
Permitting	Jan 2031
Construction	Jan 2032
Testing and Startup	July 2032

9.2 Project Sponsor Willingness to Pay

Discussion of the willingness of the non-Federal project sponsor to pay for its share of capital costs and the full operation, maintenance, and replacement costs.

The non-Federal cost share for the Local SiP will be funded through Mesa Water's capital budget, and contributions from Huntington Beach, and Newport Beach. Mesa Water, Newport Beach, and Huntington Beach are AAA bond-rated, which reflects their financial stability and readiness to support the project. Mesa Water is committed to constructing and operating the groundwater treatment plant for the life of the project. Additionally, they will take all necessary actions to pay for the construction, operation, maintenance, and replacement costs. Mesa Water, Huntington Beach, and Newport Beach will gain long-term benefits from the Local SiP, as it will secure a sustainable and resilient water future for generations ahead. Therefore, they are willing and committed to funding the project.

9.3 Funding Plan

A plan for funding the proposed water reclamation, recycling or desalination project's construction, operation, maintenance, and replacement costs, including an analysis of how the non-Federal project sponsor will pay construction and annual operation, maintenance, and replacement costs.

The funding for the Local SiP would be secured by Mesa Water taking a leading role in coordinating any collaborative funding efforts with the other project stakeholders. Outside funding from federal and state sources will be critical to implement this project without putting a great burden on the local communities.

A combination of grants, low interest loans, and cost-sharing contributions amongst the project stakeholders are anticipated to fully fund the project.

One potential local funding program is MWD's Local Resources Program (LRP). The LRP provides funding for the development of water recycling, groundwater recovery, and seawater desalination supplies that offset existing demand on Metropolitan's imported water deliveries through either direct replacement of imported water or increased regional groundwater production. If the Local SiP secures LRP funding, it could be used for O&M costs because the funding only becomes available once the facility is in operation.

Mesa Water and project stakeholders will continue to investigate and pursue future funding opportunities to assist with project costs.

9.4 Funding Sources

Description of all Federal and non-Federal sources of funding and any restrictions on such sources, for example, minimum or maximum cost-share limitations. Generally, for water reclamation, recycling or desalination projects, the Federal cost share is limited to 25 percent, or \$20,000,000, whichever is less.

Funding through outside state and federal programs has not been secured yet for the Local SiP. Mesa Water is actively researching both grant and low interest loan opportunities to reduce project costs and potential impacts to local rate payers amongst the project stakeholders.

Mesa Water anticipates pursuing federal funding through Reclamation's Title XVI Water Reclamation and Reuse program for up to \$20,000,000 of the project cost, in accordance with the Title XVI funding limits.

10.0 Research Needs

At a minimum, the report must include a statement on whether the proposed water reclamation, recycling or desalination project includes basic research needs, and the extent that the proposed project will use proven technologies and conventional system components. The following information is required only if further research is necessary to implement the proposed water reclamation, recycling or desalination project:

10.1 Research Needs

Description of research needs associated with the proposed water reclamation, recycling or desalination project, including the objectives to be accomplished through research; There are elements of the Local SiP that require additional research, analysis, and approvals before project implementation.

Various components of the Local SiP will require further investigation and refinement before the project can proceed to implementation.

One key area for further investigation is the risk of land subsidence associated with brackish groundwater extraction. This includes evaluating subsidence potential in the project area, particularly in relation to compressible clay layers and critical infrastructure. Proposed efforts include targeted field studies, subsurface characterization, and development of a subsidence risk model. These analyses will help determine appropriate operational thresholds and inform mitigation strategies, such as monitoring benchmarks and adaptive pumping plans.

In parallel, the groundwater flow and transport model could be refined to better represent critical hydrogeologic dynamics. Updated modeling is needed to:

- Improve predictions of relative source contributions (seawater versus basin water),
- Assess local drawdown magnitudes and gradients, and
- Reduce uncertainty in chloride concentrations and brackish water yield.

The current evaluation indicates uncertainty in the projected inflow sources and salinity levels at proposed well sites. Additional modeling enhancements should also enable the simulation of alternative well configurations, such as slant wells, to evaluate their effect on capture efficiency, drawdown distribution, and barrier interaction.

Further water quality evaluations are necessary to finalize the treatment design, optimize pretreatment costs and better characterize distribution system quality requirements. In addition to further definition of feed water quality, it is also recommended to define finished water requirements for compatibility with the regional distribution system. As part of this analysis stability parameters will be finalized and blending analysis should be performed to estimate disinfection byproduct formation and determine if mitigation strategies are necessary.

As described in Section 3.6, a preliminary siting analysis was conducted using known chloride contours and aquifer transmissivity data to identify the potential well locations. This was followed by detailed groundwater modeling. Later, monitoring well data was cross referenced to the blending water results and it was revealed that boron and bromide levels were unusually high in the monitoring wells. This could be the result of groundwater impacts from a nearby landfill. Currently, a two-pass system was designed due to the elevated boron concentrations at Well 3. Due to water quality concerns related to Well 3 and prod

uction concerns at Well 5, future investigations should be conducted to determine if the 2nd pass can be eliminated to further reduce treatment costs.

Additional analysis is needed to optimize pipeline routing, minimize the project footprint, and reduce site procurement expenses. These research and investigation efforts are expected to result in final design project refinements.

10.2 Basis for Reclamation Participation in Research

Description of the basis for Reclamation participation in the identified research.

Reclamation involvement is not necessary for any additional analysis or research needed to implement the Local SiP.

10.3 Parties Administering and Conducting Research

Identification of the parties who will administer and conduct necessary research.

Mesa Water, Black & Veatch, and INTERA will continue to advance the project through the planning and design phase of the project. Specific parties have not been identified to conduct the required research. Details are anticipated to be determined in early 2026 when the RFP for design is released.

10.4 Research Timeframe

Identification of the timeframe necessary for completion of necessary research.

All research required for the project design is anticipated to be completed by 2027. The final design is anticipated to start in January 2027 and complete in January of 2029.

11.0 References

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Appendix A. Class 5 Opinion of Probable Construction Costs (OPCC)

Local Groundwater SIP
Mesa Water District
Opinion of Probable Construction Cost - ROM

Project name	Local Groundwater SIP - Preliminary Design
Estimator	Shawn Steward
Labor rate table	CA-PS OPCC-24
Equipment rate table	Bluebook-24
Job size	5.35 MGD
Project	Water Treatment
QC Reviewer:	Steve Hull
QC Date:	4-11-25
Report format	Sorted by 'Area/SubArea/System/MF95Lv02/Element' 'Detail' summary

Local SiP - 5.35 MGD - OPCC

Spreadsheet Level	Takeoff Quantity	Labor Man Hrs	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Cost/Unit	Total Amount
0100 Groundwater Wells									
0100.010 Water Well Locations									
005.165 Buried Utilities - Site Electrical-Medium Voltage Duct banks	1,250.00 LF					356,250		285.00 /LF	356,250
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	219	18,625	64,574	7,262	60,220		150,680.71 /LS	150,681
010.100 Drilling of Water Supply Wells	6.00 EA					2,628,750		438,125.00 /EA	2,628,750
080.010 Hydraulic Pump Systems - Vertical Turbine Pumps Line Shaft	6.00 EA	1,776	186,991	1,460,537	42,454			281,663.73 /EA	1,689,982
100.010 Buildings - CMU - Process	2,000.00 SF	656	64,215	42,148	4,798	962,618	50	536.91 /SF	1,073,829
0100.010 Water Well Locations	5.00 EA	2,651	269,831	1,567,259	54,515	4,007,838	50	1,179,898.49 /EA	5,899,492
0100.710 Electrical									
010.210 Sitewide - Generator w/ Load bank & ATS	10.00 EA	1,115	94,161	2,887,890	10,000			299,205.01 /EA	2,992,050
010.260 Sitewide - Electrical	1.00 LS					2,184,000		2,184,000.00 /LS	2,184,000
0100.710 Electrical	1.00 LS	1,115	94,161	2,887,890	10,000	2,184,000		5,176,050.14 /LS	5,176,050
0100.810 I&C									
010.270 Sitewide - Instrumentation and Controls	1.00 LS	22	1,858	2,369		300,000		304,227.13 /LS	304,227
0100.810 I&C	1.00 LS	22	1,858	2,369		300,000		304,227.13 /LS	304,227
0100 Groundwater Wells	1.00 LS	3,788	365,849	4,457,518	64,515	6,491,838	50	11,379,769.74 /LS	11,379,770
0200 Feed Conveyance									
0200.010 Transmission Main - Wells to Facility, 24" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	22,800.00 LF	43,483	3,580,698	7,644,486	2,138,029	1,376,050	30,584	647.80 /LF	14,769,848
010.015 Sitewide - Site Prep & Clearing	1.00 LS	85	6,697		4,252			10,948.86 /LS	10,949
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	1,313	114,596	1,114,917	51,741	158,473		1,439,727.39 /LS	1,439,727
0200.010 Transmission Main - Wells to Facility, 24" CML&C	22,800.00 LF	44,881	3,701,991	8,759,403	2,194,022	1,534,523	30,584	711.43 /LF	16,220,524
0200.015 Transmission Main - Wells to Facility, 18" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	3,000.00 LF	4,035	338,892	801,857	208,673	101,815	14,340	488.53 /LF	1,465,577
010.015 Sitewide - Site Prep & Clearing	1.00 LS	85	6,697		4,252			10,948.86 /LS	10,949
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	172	15,035	146,280	6,789	20,792		188,896.08 /LS	188,896
0200.015 Transmission Main - Wells to Facility, 18" CML&C	3,000.00 LF	4,292	360,624	948,137	219,714	122,607	14,340	555.14 /LF	1,665,422
0200.020 Transmission Main - Wells to Facility, 16" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	2,800.00 LF	3,787	318,305	498,760	193,407	96,703	14,190	400.49 /LF	1,121,365
010.015 Sitewide - Site Prep & Clearing	1.00 LS	85	6,697		4,252			10,948.86 /LS	10,949
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	161	14,072	136,903	6,353	19,459		176,787.38 /LS	176,787
0200.020 Transmission Main - Wells to Facility, 16" CML&C	2,800.00 LF	4,033	339,074	635,663	204,012	116,162	14,190	467.54 /LF	1,309,101
0200.025 Transmission Main - Wells to Facility, 12" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	6,650.00 LF	7,433	610,064	804,506	384,062	220,305	17,205	306.19 /LF	2,036,142
010.015 Sitewide - Site Prep & Clearing	1.00 LS	85	6,697		4,252			10,948.86 /LS	10,949
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	383	33,444	325,379	15,100	46,249		420,172.76 /LS	420,173
0200.025 Transmission Main - Wells to Facility, 12" CML&C	6,650.00 LF	7,902	650,205	1,129,886	403,413	266,554	17,205	371.02 /LF	2,467,263
0200.027 Transmission Main - Wells to Facility, 6" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	3,100.00 LF	3,269	272,771	403,989	157,849	104,350	14,400	307.54 /LF	953,359
010.015 Sitewide - Site Prep & Clearing	1.00 LS	85	6,697		4,252			10,948.86 /LS	10,949
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	177	15,421	150,031	6,963	21,325		193,739.59 /LS	193,740
0200.027 Transmission Main - Wells to Facility, 6" CML&C	3,100.00 LF	3,532	294,889	554,020	169,063	125,675	14,400	373.56 /LF	1,158,048
0200.710 Electrical									
010.260 Sitewide - Electrical	1.00 LS					526,600		526,600.00 /LS	526,600
0200.710 Electrical	1.00 LS					526,600		526,600.00 /LS	526,600
0200.810 I&C									
010.270 Sitewide - Instrumentation and Controls	1.00 LS					96,600		96,600.00 /LS	96,600
0200.810 I&C	1.00 LS					96,600		96,600.00 /LS	96,600
0200 Feed Conveyance	1.00 LS	64,640	5,346,784	12,027,109	3,190,225	2,788,721	90,719	23,443,558.26 /LS	23,443,558
0300 Site Procurement & Demolition									
0600.610 Demolition									
010.005 Sitewide - Site Demolition	1.00 LS	1,699	133,483	600	99,229		11,495	244,807.22 /LS	244,807
010.010 Sitewide - Building/Structure Demolition	1.00 LS	6,297	509,030		186,984		8,052	704,065.22 /LS	704,065
0600.610 Demolition	1.00 LS	7,996	642,513	600	286,213		19,547	948,872.44 /LS	948,872

Spreadsheet Level	Takeoff Quantity	Labor Man Hrs	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Cost/Unit	Total Amount
0300 Site Procurement & Demolition	1.00 LS	7,996	642,513	600	286,213		19,547	948,872.44 /LS	948,872
0400 Treatment									
0300.210 RO Treatment Bldg									
100.025 Buildings - Pre-Engineered - Process	29,620.00 SF					12,231,000		412.93 /SF	12,231,000
0300.210 RO Treatment Bldg	29,620.00 SF					12,231,000		412.93 /SF	12,231,000
0300.310 Reverse Osmosis Systems									
055.020 Water Membrane Systems - Reverse Osmosis (Low)	8.00 MGD	2,600	263,604	8,937,860	33,900			1,154,420.47 /MGD	9,235,364
080.030 Hydraulic Pump Systems	12.00 EA	2,760	279,826	2,100,000	28,500			200,693.87 /EA	2,408,326
115.050 Balance of Plant - Process Piping	0.00					320,000		/LS	320,000
115.115 Equipment Pad and Containment	88.89 CY	646	63,680	25,233	665			1,007.75 /CY	89,578
0300.310 Reverse Osmosis Systems	8.00 MGD	6,006	607,110	11,063,093	63,065	320,000		1,506,658.47 /MGD	12,053,268
0300.410 CIP & Neutralization System									
055.021 CIP and Neutralization Pumps & Tanks	8.00 MGD					1,344,000		168,000.00 /MGD	1,344,000
102.010 Structures - CIP Straight Wall Tanks & Vaults	1,541.22 CY	2,031	191,975	90,562	46,514	6,945	391	218.26 /CY	336,387
115.115 Equipment Pad and Containment	44.45 CY	323	31,840	12,617	332			1,007.74 /CY	44,789
0300.410 CIP & Neutralization System	8.00 MGD	2,355	223,815	103,178	46,846	1,350,945	391	215,646.99 /MGD	1,725,176
0400.430 RO Feed Tank									
005.040 Buried Utilities - Drainage & Containment Collection Pipelines	200.00 LF	41	3,094	2,212	1,742			35.24 /LF	7,047
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS	307	29,577	28,114	24,668			82,359.06 /LS	82,359
080.015 Hydraulic Pump Systems - Vertical Turbine Pumps Line Shaft w/Can	3.00 EA	724	72,611	1,268,681	8,593		4,200	451,361.52 /EA	1,354,085
080.110 Hydraulic Pump Systems - Submersible Non-Clog Pumps	3.00 EA	97	9,752	110,980	1,334	670		40,912.20 /EA	122,737
102.010 Structures - CIP Straight Wall Tanks & Vaults	205.33 CY	2,447	230,960	107,466	53,647	8,713	483	1,954.26 /CY	401,268
0400.430 RO Feed Tank	1.00 LS	3,616	345,994	1,517,452	89,984	9,384	4,683	1,967,495.30 /LS	1,967,495
0400.440 Brine Receiving Station									
005.040 Buried Utilities - Drainage & Containment Collection Pipelines	200.00 LF	41	3,094	2,212	1,742			35.24 /LF	7,047
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS	74	5,703	29,186	2,668			37,557.68 /LS	37,558
080.015 Hydraulic Pump Systems - Vertical Turbine Pumps Line Shaft w/Can	3.00 EA	564	56,430	268,481	8,593		4,200	112,567.78 /EA	337,703
080.110 Hydraulic Pump Systems - Submersible Non-Clog Pumps	3.00 EA	97	9,752	110,980	1,334	670		40,912.20 /EA	122,737
102.010 Structures - CIP Straight Wall Tanks & Vaults	99.73 CY	1,217	114,992	52,755	27,908	4,167	234	2,005.99 /CY	200,057
0400.440 Brine Receiving Station	1.00 LS	1,994	189,971	463,613	42,246	4,837	4,434	705,102.01 /LS	705,102
0400.450 Hydrated Lime System									
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS					55,000		55,000.00 /LS	55,000
065.005 Chemical Systems - Lime	8.00 GPM	712	71,602	2,890,264	13,584	27,250		375,337.46 /GPM	3,002,700
102.005 Structures - Structural Slab On Grade	189.00 SF	118	11,859	12,211	92			127.85 /SF	24,163
0400.450 Hydrated Lime System	1.00 LS	830	83,461	2,902,475	13,676	82,250		3,081,862.50 /LS	3,081,863
0400.460 Chemical System									
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS					80,000		80,000.00 /LS	80,000
065.010 Chemical Systems - NaOCl (Sodium Hypochlorite aka Bleach)	1.00 LS	164	16,488	71,654	1,348	25,882		115,371.76 /LS	115,372
065.015 Chemical Systems - NaOH (Sodium Hydroxide aka Caustic Soda)	1.00 LS					1,005,000		1,005,000.00 /LS	1,005,000
065.025 Chemical Systems - C6H8O7 (Citric Acid)	1.00 LS					1,320,000		1,320,000.00 /LS	1,320,000
065.080 Chemical Systems - Antiscalent	1.00 LS					196,000		196,000.00 /LS	196,000
065.140 Chemical Systems - LAS (Liquid Ammonium Sulfate)	1.00 LS					725,000		725,000.00 /LS	725,000
102.005 Structures - Structural Slab On Grade	2,875.00 SF	325	32,539	39,173	307	82,500		53.75 /SF	154,519
0400.460 Chemical System	1.00 LS	488	49,027	110,827	1,655	3,434,382		3,595,891.02 /LS	3,595,891
0400.470 Carbon Dioxide System									
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS					67,500		67,500.00 /LS	67,500
065.155 Chemical Systems - CO2 Carbon Dioxide	1.00 EA	165	16,515	693,698	2,696	9,320		722,228.60 /EA	722,229
102.005 Structures - Structural Slab On Grade	135.00 SF	76	7,692	7,320	55			111.60 /SF	15,067
0400.470 Carbon Dioxide System	1.00 LS	241	24,206	701,018	2,751	76,820		804,795.23 /LS	804,795
0400.480 Canopies									
100.025 Buildings - Pre-Engineered - Process	21,600.00 SF					4,469,000		206.90 /SF	4,469,000
0400.480 Canopies	1.00 LS					4,469,000		4,469,000.00 /LS	4,469,000
0500.420 Chlorine Contact Tank (CCT)									
005.040 Buried Utilities - Drainage & Containment Collection Pipelines	200.00 LF	41	3,094	2,212	1,742			35.24 /LF	7,047

Spreadsheet Level	Takeoff Quantity	Labor Man Hrs	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Cost/Unit	Total Amount
060.015 Disinfection - Chlorine Contact (in Channel)	5.35 MGD	217	21,864	236,160	1,348	8,373		50,045.73 /MGD	267,745
080.015 Hydraulic Pump Systems - Vertical Turbine Pumps Line Shaft w/Can	3.00 EA	564	56,430	268,481	8,593		4,200	112,567.78 /EA	337,703
080.110 Hydraulic Pump Systems - Submersible Non-Clog Pumps	3.00 EA	97	9,752	110,980	1,334	670		40,912.20 /EA	122,737
102.010 Structures - CIP Straight Wall Tanks & Vaults	485.67 CY	870	83,662	42,275	22,203	2,712	161	310.94 /CY	151,014
0500.420 Chlorine Contact Tank (CCT)	5.35 MGD	1,789	174,802	660,107	35,220	11,756	4,361	165,653.44 /MGD	886,246
0500.710 Electrical									
010.260 Sitewide - Electrical	1.00 LS					16,327,000		16,327,000.00 /LS	16,327,000
0500.710 Electrical	1.00 LS					16,327,000		16,327,000.00 /LS	16,327,000
0500.810 I&C									
010.270 Sitewide - Instrumentation and Controls	1.00 LS	600	50,669			3,061,000		3,111,669.28 /LS	3,111,669
0500.810 I&C	1.00 LS	600	50,669			3,061,000		3,111,669.28 /LS	3,111,669
0600.620 Sitework & Yard Piping									
010.065 Sitework	1.00 LS					750,000		750,000.00 /LS	750,000
0600.620 Sitework & Yard Piping	1.00 LS					750,000		750,000.00 /LS	750,000
0600.630 Yard Piping									
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS					1,930,000		1,930,000.00 /LS	1,930,000
0600.630 Yard Piping	1.00 LS					1,930,000		1,930,000.00 /LS	1,930,000
0600.640 Electrical Duct Banks									
005.170 Buried Utilities - Site Electrical-Low Voltage Duct banks	750.00 LF	721	61,541	52,680	1,958			154.91 /LF	116,180
0600.640 Electrical Duct Banks	1.00 LS	721	61,541	52,680	1,958			116,180.10 /LS	116,180
0600.660 Stormwater EQ Basin									
102.010 Structures - CIP Straight Wall Tanks & Vaults	250.00 CY					400,000		1,600.00 /CY	400,000
0600.660 Stormwater EQ Basin	1.00 LS					400,000		400,000.00 /LS	400,000
0400 Treatment	1.00 LS	18,640	1,810,598	17,574,444	297,401	44,458,374	13,869	64,154,685.00 /LS	64,154,685
0500 Finished Water Distribution									
0200.040 Transmission Main - Facility to Distribution Tie-in, 20" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	12,000.00 LF	24,270	1,878,531	3,403,438	1,381,246	332,275	10,387	583.82 /LF	7,005,878
010.015 Sitewide - Site Prep & Clearing	1.00 LS	43	3,349		2,126			5,474.45 /LS	5,474
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	552	48,190	468,847	21,758	66,701		605,496.23 /LS	605,496
0200.040 Transmission Main - Facility to Distribution Tie-in, 20" CML&C	12,000.00 LF	24,865	1,930,069	3,872,285	1,405,130	398,977	10,387	634.74 /LF	7,616,848
0500 Finished Water Distribution	1.00 LS	24,865	1,930,069	3,872,285	1,405,130	398,977	10,387	7,616,848.28 /LS	7,616,848
0600 Brine Disposal									
0200.030 Transmission Main - Facility to Brine Discharge Tie-in, 24" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	1,000.00 LF	2,184	174,065	301,090	127,864	52,000	1,200	656.22 /LF	656,219
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	59	5,129	49,904	2,316	8,723		66,072.06 /LS	66,072
0200.030 Transmission Main - Facility to Brine Discharge Tie-in, 24" CML&C	1,000.00 LF	2,243	179,194	350,994	130,180	60,723	1,200	722.29 /LF	722,291
0600 Brine Disposal	1.00 LS	2,243	179,194	350,994	130,180	60,723	1,200	722,291.16 /LS	722,291

Estimate Totals					
	Description	Amount	Totals	Hours	Rate
	Labor	10,275,006		122,171.878	
	Material	38,282,950			
	Subcontract	54,198,633			
	Equipment	5,373,663		102,081.282	
	Other	135,773			
	TOTAL DIRECT COST	108,266,025	108,266,025		
ALLOWANCES					
	Mobilization/De-mobilization	2,165,321			2.000 %
	TOTAL DIRECT COST W/ ALLOWANCE	2,165,321	110,431,346		
SUBCONTRACTOR MARK-UP'S					
	Subcontractor-General Conditions	4,087,844			8.000 %
	Subcontractor-Overhead	3,065,883			6.000 %
	Subcontractor-Fee	3,065,883			6.000 %
	Subcontractor-Bond/Insurance	1,277,451			2.500 %
	Subcontractor-Div 16/17 Premium	2,614,818			10.000 %
	TOTAL DIRECT COST	14,111,879	124,543,225		
RISK ASSESSMENT MARK-UP's					
	Construction Contingency	43,590,128			35.000 %
	Market Factor Adjustment	12,454,322			10.000 %
	Escalation to Midpoint (April 2030 @ 5%/yr)	31,135,806			25.000 %
	TOTAL INCLUDING RISK	87,180,256	211,723,481		
GENERAL REQUIREMENTS					
	General Conditions Management	12,174,100			5.750 %
	General Conditions Subsistance	4,234,470			2.000 %
	General Conditions Temp Facilities	2,117,235			1.000 %
	General Conditions Equipment	1,058,617			0.500 %
	General Conditions Start-up	3,175,852			1.500 %
	General Conditions Permits	1,058,617			0.500 %
	Sales Tax	4,160,277			9.500 %
	TOTAL INCLUDING GC'S	27,979,168	239,702,649		
CONTRACTOR FEE					
	General & Administrative Costs	14,382,159			6.000 %
	Profit (Fee)	16,612,868			6.000 %
	TOTAL INCLUDING FEE	30,995,027	270,697,676		
INSURANCES & BOND					
	Builders All Risk Insurance	2,030,233			0.750 %
	General Liability Insurance	1,384,406			0.500 %
	Payment & Performance Bond	2,768,811			1.000 %
	TOTAL CONSTRUCTION COST	6,183,450	276,881,126		
Total			276,881,126		

Local Groundwater SIP
Mesa Water District
Opinion of Probable Construction Cost - ROM

Project name	Local Groundwater SIP - Preliminary Design
Estimator	Shawn Steward
Labor rate table	CA-PS OPCC-24
Equipment rate table	Bluebook-24
Job size	2.65 MGD
Project	Water Treatment
QC Reviewer:	Steve Hull
QC Date:	4-11-25
Report format	Sorted by 'Area/SubArea/System/MF95Lv02/Element' 'Detail' summary Allocate addons

Local SiP - 2.65 MGD - OPCC

Spreadsheet Level	Takeoff Quantity	Labor Man Hrs	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Cost/Unit	Total Amount
0100 Groundwater Wells									
0100.010 Water Well Locations									
005.165 Buried Utilities - Site Electrical-Medium Voltage Duct banks	1,250.00 LF					356,250		285.00 /LF	356,250
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	219	18,625	64,574	7,262	60,220		150,680.71 /LS	150,681
010.100 Drilling of Water Supply Wells	8.00 MGD					2,178,750		272,343.75 /MGD	2,178,750
080.010 Hydraulic Pump Systems - Vertical Turbine Pumps Line Shaft	10.00 EA	1,703	179,958	1,032,622	39,085			125,166.47 /EA	1,251,665
100.010 Buildings - CMU - Process	2,000.00 SF	656	64,215	42,148	4,798	962,618	50	536.91 /SF	1,073,829
0100.010 Water Well Locations	5.00 EA	2,578	262,798	1,139,343	51,145	3,557,838	50	1,002,234.96 /EA	5,011,175
0100.710 Electrical									
010.210 Sitewide - Generator w/ Load bank & ATS	10.00 EA	1,115	94,161	2,262,390	10,000			236,655.01 /EA	2,366,550
010.260 Sitewide - Electrical	1.00 LS					1,456,000		1,456,000.00 /LS	1,456,000
0100.710 Electrical	1.00 LS	1,115	94,161	2,262,390	10,000	1,456,000		3,822,550.14 /LS	3,822,550
0100.810 I&C									
010.270 Sitewide - Instrumentation and Controls	1.00 LS	22	1,858	2,369		270,000		274,227.13 /LS	274,227
0100.810 I&C	1.00 LS	22	1,858	2,369		270,000		274,227.13 /LS	274,227
0100 Groundwater Wells	1.00 LS	3,715	358,816	3,404,102	61,145	5,283,838	50	9,107,952.06 /LS	9,107,952
0200 Feed Conveyance									
0200.010 Transmission Main - Wells to Facility, 16" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	22,800.00 LF	27,946	2,291,338	4,566,961	1,435,223	1,426,050	30,584	427.64 /LF	9,750,157
010.015 Sitewide - Site Prep & Clearing	1.00 LS	85	6,697		4,252			10,948.86 /LS	10,949
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	1,313	114,596	1,114,917	51,741	158,473		1,439,727.39 /LS	1,439,727
0200.010 Transmission Main - Wells to Facility, 16" CML&C	22,800.00 LF	29,344	2,412,632	5,681,878	1,491,216	1,584,523	30,584	491.26 /LF	11,200,833
0200.015 Transmission Main - Wells to Facility, 14" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	3,000.00 LF	3,447	277,869	358,850	186,697	101,815	3,840	309.69 /LF	929,071
010.015 Sitewide - Site Prep & Clearing	1.00 LS	85	6,697		4,252			10,948.86 /LS	10,949
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	172	15,035	146,280	6,789	20,792		188,896.08 /LS	188,896
0200.015 Transmission Main - Wells to Facility, 14" CML&C	3,000.00 LF	3,704	299,602	505,130	197,737	122,607	3,840	376.31 /LF	1,128,916
0200.020 Transmission Main - Wells to Facility, 12" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	2,800.00 LF	2,837	230,695	415,353	147,969	96,703	3,690	319.43 /LF	894,410
010.015 Sitewide - Site Prep & Clearing	1.00 LS	85	6,697		4,252			10,948.86 /LS	10,949
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	161	14,072	136,903	6,353	19,459		176,787.38 /LS	176,787
0200.020 Transmission Main - Wells to Facility, 12" CML&C	2,800.00 LF	3,083	251,464	552,256	158,574	116,162	3,690	386.48 /LF	1,082,146
0200.025 Transmission Main - Wells to Facility, 8" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	6,650.00 LF	6,648	542,123	976,274	340,873	220,305	17,205	315.31 /LF	2,096,779
010.015 Sitewide - Site Prep & Clearing	1.00 LS	85	6,697		4,252			10,948.86 /LS	10,949
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	383	33,444	325,379	15,100	46,249		420,172.76 /LS	420,173
0200.025 Transmission Main - Wells to Facility, 8" CML&C	6,650.00 LF	7,116	582,264	1,301,653	360,225	266,554	17,205	380.14 /LF	2,527,901
0200.027 Transmission Main - Wells to Facility, 6" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	3,100.00 LF	3,269	272,771	403,989	157,849	104,350	14,400	307.54 /LF	953,359
010.015 Sitewide - Site Prep & Clearing	1.00 LS	85	6,697		4,252			10,948.86 /LS	10,949
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	177	15,421	150,031	6,963	21,325		193,739.59 /LS	193,740
0200.027 Transmission Main - Wells to Facility, 6" CML&C	3,100.00 LF	3,532	294,889	554,020	169,063	125,675	14,400	373.56 /LF	1,158,048
0200.710 Electrical									
010.260 Sitewide - Electrical	1.00 LS					526,600		526,600.00 /LS	526,600
0200.710 Electrical	1.00 LS					526,600		526,600.00 /LS	526,600
0200.810 I&C									
010.270 Sitewide - Instrumentation and Controls	1.00 LS					96,600		96,600.00 /LS	96,600
0200.810 I&C	1.00 LS					96,600		96,600.00 /LS	96,600
0200 Feed Conveyance	1.00 LS	46,780	3,840,850	8,594,937	2,376,815	2,838,721	69,719	17,721,043.46 /LS	17,721,043
0300 Site Procurement & Demolition									
0600.610 Demolition									
010.005 Sitewide - Site Demolition	0.00	850	66,742	300	49,615		5,748	/LS	122,404
010.010 Sitewide - Building/Structure Demolition	0.00	6,297	509,030		186,984		8,052	/LS	704,065
0600.610 Demolition	1.00 LS	7,147	575,771	300	236,598		13,800	826,468.83 /LS	826,469

Spreadsheet Level	Takeoff Quantity	Labor Man Hrs	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Cost/Unit	Total Amount
0300 Site Procurement & Demolition	1.00 LS	7,147	575,771	300	236,598		13,800	826,468.83 /LS	826,469
0400 Treatment									
0300.210 RO Treatment Bldg									
100.025 Buildings - Pre-Engineered - Process	22,415.00 SF					9,268,125		413.48 /SF	9,268,125
0300.210 RO Treatment Bldg	22,415.00 SF					9,268,125		413.48 /SF	9,268,125
0300.310 Reverse Osmosis Systems									
055.020 Water Membrane Systems - Reverse Osmosis (Low)	4.00 MGD	2,070	209,869	7,514,000	33,150			1,939,254.68 /MGD	7,757,019
080.030 Hydraulic Pump Systems	12.00 EA	2,208	223,861	1,680,000	28,500			161,030.10 /EA	1,932,361
115.050 Balance of Plant - Process Piping	1.00 LS					260,000		260,000.00 /LS	260,000
115.115 Equipment Pad and Containment	88.89 CY	646	63,680	25,233	665			1,007.75 /CY	89,578
0300.310 Reverse Osmosis Systems	4.00 MGD	4,924	497,410	9,219,233	62,315	260,000		2,509,739.36 /MGD	10,038,957
0300.410 CIP and Neutralization Systems									
055.021 CIP and Neutralization Pumps & Tanks	4.00 MGD					604,800		151,200.00 /MGD	604,800
102.010 Structures - CIP Straight Wall Tanks & Vaults	117.23 CY	1,443	136,919	65,753	32,239	5,111	275	2,049.80 /CY	240,298
115.115 Equipment Pad and Containment	44.45 CY	323	31,840	12,617	332			1,007.74 /CY	44,789
0300.410 CIP and Neutralization Systems	1.00 LS	1,767	168,759	78,369	32,572	609,911	275	889,886.53 /LS	889,887
0400.430 RO Feed Tank									
005.040 Buried Utilities - Drainage & Containment Collection Pipelines	170.00 LF	35	2,630	1,880	1,480			35.24 /LF	5,990
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS	242	23,129	41,947	19,430			84,505.69 /LS	84,506
080.015 Hydraulic Pump Systems - Vertical Turbine Pumps Line Shaft w/Can	3.00 EA	632	68,402	620,681	8,593		4,200	233,958.52 /EA	701,876
080.110 Hydraulic Pump Systems - Submersible Non-Clog Pumps	2.00 EA	65	6,501	73,987	890	447		40,912.20 /EA	81,824
102.010 Structures - CIP Straight Wall Tanks & Vaults	128.33 CY	1,539	145,421	70,265	33,529	5,446	302	1,986.77 /CY	254,963
0400.430 RO Feed Tank	1.00 LS	2,514	246,084	808,759	63,921	5,893	4,502	1,129,158.72 /LS	1,129,159
0400.440 Brine Receiving Station									
005.040 Buried Utilities - Drainage & Containment Collection Pipelines	170.00 LF	35	2,630	1,880	1,480			35.24 /LF	5,990
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS	74	5,703	29,186	2,668			37,557.68 /LS	37,558
080.015 Hydraulic Pump Systems - Vertical Turbine Pumps Line Shaft w/Can	3.00 EA	427	42,561	208,481	8,593		4,200	87,944.58 /EA	263,834
080.110 Hydraulic Pump Systems - Submersible Non-Clog Pumps	2.00 EA	65	6,501	73,987	890	447		40,912.20 /EA	81,824
102.010 Structures - CIP Straight Wall Tanks & Vaults	66.49 CY	816	77,165	36,294	18,606	2,778	156	2,030.37 /CY	134,999
0400.440 Brine Receiving Station	1.00 LS	1,417	134,560	349,827	32,237	3,225	4,356	524,205.18 /LS	524,205
0400.450 Hydrated Lime System									
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS					46,750		46,750.00 /LS	46,750
065.005 Chemical Systems - Lime	2.68 GPM	554	55,583	1,625,400	13,584	27,250		643,669.74 /GPM	1,721,817
102.005 Structures - Structural Slab On Grade	132.30 SF	82	8,301	8,548	65			127.84 /SF	16,913
0400.450 Hydrated Lime System	1.00 LS	636	63,884	1,633,947	13,648	74,000		1,785,479.66 /LS	1,785,480
0400.460 Chemical System									
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS					68,000		68,000.00 /LS	68,000
065.010 Chemical Systems - NaOCl (Sodium Hypochlorite aka Bleach)	1.00 LS	99	9,974	47,246	1,348	15,132		73,699.44 /LS	73,699
065.015 Chemical Systems - NaOH (Sodium Hydroxide aka Caustic Soda)	1.00 LS					753,750		753,750.00 /LS	753,750
065.025 Chemical Systems - C6H8O7 (Citric Acid)	1.00 LS					990,000		990,000.00 /LS	990,000
065.080 Chemical Systems - Antiscalent	1.00 LS					166,600		166,600.00 /LS	166,600
065.140 Chemical Systems - LAS (Liquid Ammonium Sulfate)	1.00 LS					543,750		543,750.00 /LS	543,750
102.005 Structures - Structural Slab On Grade	2,012.50 SF	227	22,778	27,421	215	57,750		53.75 /SF	108,164
0400.460 Chemical System	1.00 LS	327	32,751	74,667	1,563	2,594,982		2,703,963.42 /LS	2,703,963
0400.470 Carbon Dioxide System									
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS					57,375		57,375.00 /LS	57,375
065.155 Chemical Systems - CO2 Carbon Dioxide	2.68 GPM	149	14,892	455,698	2,696	9,320		180,077.02 /GPM	482,606
102.005 Structures - Structural Slab On Grade	94.50 SF	53	5,384	5,124	39			111.60 /SF	10,547
0400.470 Carbon Dioxide System	2.68 MGD	202	20,276	460,822	2,735	66,695		205,420.92 /MGD	550,528
0400.480 Canopies									
100.025 Buildings - Pre-Engineered - Process	15,120.00 SF					3,128,300		206.90 /SF	3,128,300
0400.480 Canopies	1.00 LS					3,128,300		3,128,300.00 /LS	3,128,300
0500.420 Chlorine Contact Tank (CCT)									
005.040 Buried Utilities - Drainage & Containment Collection Pipelines	200.00 LF	41	3,094	2,212	1,742			35.24 /LF	7,047

Spreadsheet Level	Takeoff Quantity	Labor Man Hrs	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Cost/Unit	Total Amount
060.015 Disinfection - Chlorine Contact (in Channel)	2.68 MGD	169	17,078	157,327	1,348	8,373		68,703.84 /MGD	184,126
080.015 Hydraulic Pump Systems - Vertical Turbine Pumps Line Shaft w/Can	3.00 EA	564	56,430	268,481	8,593		4,200	112,567.78 /EA	337,703
080.110 Hydraulic Pump Systems - Submersible Non-Clog Pumps	2.00 EA	65	6,501	73,987	890	447		40,912.20 /EA	81,824
102.010 Structures - CIP Straight Wall Tanks & Vaults	298.07 CY	618	59,554	30,555	18,782	1,620	104	371.10 /CY	110,615
0500.420 Chlorine Contact Tank (CCT)	2.68 MGD	1,458	142,658	532,561	31,354	10,440	4,304	269,147.88 /MGD	721,316
0500.710 Electrical									
010.260 Sitewide - Electrical	3.00 LS					8,573,000		2,857,666.67 /LS	8,573,000
0500.710 Electrical	3.00 LS					8,573,000		2,857,666.67 /LS	8,573,000
0500.810 I&C									
010.270 Sitewide - Instrumentation and Controls	3.00 LS	600	50,669			1,627,600		559,423.09 /LS	1,678,269
0500.810 I&C	3.00 LS	600	50,669			1,627,600		559,423.09 /LS	1,678,269
0600.620 Sitework & Yard Piping									
010.065 Sitework	1.00 LS					562,500		562,500.00 /LS	562,500
0600.620 Sitework & Yard Piping	1.00 LS					562,500		562,500.00 /LS	562,500
0600.630 Yard Piping									
005.100 Buried Utilities - Yard Piping-Pressure Process Mains	1.00 LS					1,255,800		1,255,800.00 /LS	1,255,800
0600.630 Yard Piping	1.00 LS					1,255,800		1,255,800.00 /LS	1,255,800
0600.640 Electrical Duct Banks									
005.170 Buried Utilities - Site Electrical-Low Voltage Duct banks	750.00 LF	469	40,002	34,242	1,273			100.69 /LF	75,517
0600.640 Electrical Duct Banks	1.00 LS	469	40,002	34,242	1,273			75,516.98 /LS	75,517
0600.660 Stormwater EQ Basin									
102.010 Structures - CIP Straight Wall Tanks & Vaults	250.00 CY					240,000		960.00 /CY	240,000
0600.660 Stormwater EQ Basin	1.00 LS					240,000		240,000.00 /LS	240,000
0400 Treatment	1.00 LS	14,314	1,397,053	13,192,429	241,617	28,280,470	13,437	43,125,006.59 /LS	43,125,007
0500 Finished Water Distribution									
0200.040 Transmission Main - Facility to Distribution Tie-in, 14" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	12,000.00 LF	16,114	1,215,535	1,316,139	1,013,070	332,275	10,387	323.95 /LF	3,887,406
010.015 Sitewide - Site Prep & Clearing	1.00 LS	43	3,349		2,126			5,474.45 /LS	5,474
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	552	48,190	468,847	21,758	66,701		605,496.23 /LS	605,496
0200.040 Transmission Main - Facility to Distribution Tie-in, 14" CML&C	12,000.00 LF	16,709	1,267,073	1,784,986	1,036,954	398,977	10,387	374.86 /LF	4,498,377
0500 Finished Water Distribution	1.00 LS	16,709	1,267,073	1,784,986	1,036,954	398,977	10,387	4,498,376.94 /LS	4,498,377
0600 Brine Disposal									
0200.030 Transmission Main - Facility to Brine Discharge Tie-in, 16" CML&C									
005.005 Buried Utilities - Direct Buried Transmission Pipelines	1,000.00 LF	1,696	130,887	202,500	108,975	52,000	1,200	495.56 /LF	495,561
010.055 Sitewide - Site Finishes - Paving & Surfacing	1.00 LS	59	5,129	49,904	2,316	8,723		66,072.06 /LS	66,072
0200.030 Transmission Main - Facility to Brine Discharge Tie-in, 16" CML&C	1,000.00 LF	1,754	136,016	252,404	111,291	60,723	1,200	561.63 /LF	561,633
0600 Brine Disposal	1.00 LS	1,754	136,016	252,404	111,291	60,723	1,200	561,633.22 /LS	561,633

Estimate Totals					
	Description	Amount	Totals	Hours	Rate
	Labor	7,575,580		90,418.760	
	Material	27,229,158			
	Subcontract	36,862,729			
	Equipment	4,064,421		72,913.091	
	Other	108,593			
	TOTAL DIRECT COST	75,840,481	75,840,481		
ALLOWANCES					
	Mobilization/De-mobilization	1,516,810			2.000 %
	TOTAL DIRECT COST W/ ALLOWANCE	1,516,810	77,357,291		
SUBCONTRACTOR MARK-UP'S					
	Subcontractor-General Conditions	2,843,853			8.000 %
	Subcontractor-Overhead	2,132,890			6.000 %
	Subcontractor-Fee	2,132,890			6.000 %
	Subcontractor-Bond/Insurance	888,704			2.500 %
	Subcontractor-Div 16/17 Premium	1,554,673			10.000 %
	TOTAL DIRECT COST	9,553,010	86,910,301		
RISK ASSESSMENT MARK-UP's					
	Construction Contingency	30,418,605			35.000 %
	Market Factor Adjustment	8,691,030			10.000 %
	Escalation to Midpoint (April 2030 @ 5%/yr)	21,727,575			25.000 %
	TOTAL INCLUDING RISK	60,837,210	147,747,511		
GENERAL REQUIREMENTS					
	General Conditions Management	8,495,482			5.750 %
	General Conditions Subsistence	2,954,950			2.000 %
	General Conditions Temp Facilities	1,477,475			1.000 %
	General Conditions Equipment	738,738			0.500 %
	General Conditions Start-up	2,216,213			1.500 %
	General Conditions Permits	738,738			0.500 %
	Sales Tax	2,983,206			9.500 %
	TOTAL INCLUDING GC'S	19,604,802	167,352,313		
CONTRACTOR FEE					
	General & Administrative Costs	10,041,139			6.000 %
	Profit (Fee)	11,598,544			6.000 %
	TOTAL INCLUDING FEE	21,639,683	188,991,996		
INSURANCES & BOND					
	Builders All Risk Insurance	1,417,440			0.750 %
	General Liability Insurance	966,545			0.500 %
	Payment & Performance Bond	1,933,091			1.000 %
	TOTAL CONSTRUCTION COST	4,317,076	193,309,072		
Total			193,309,072		

Appendix B. Operational Expenses (OPEX) Summary

Appendix B provides an overview of the projected annual operational costs for the 2.65 MGD and 5.35 MGD project alternatives. Chemical dosing estimates are broken down into continuous use and intermittent use dosing in Table B and Table B.

Table B-1 Continuous Use Chemical Dosing Operational Costs

Chemical	Application	2.65 MGD Annual Cost (\$/yr)	5.35 MGD Annual Cost (\$/yr)
Sodium Hypochlorite	Oxidation of Fe/Mn	\$350,900	\$701,800
Sodium Bisulfite	RO Feed Quenching	\$65,400	\$130,800
Antiscalant	Inorganic Scale Prevention	\$128,400	\$212,700
Sodium Hydroxide	Boron Rejection. In 2 nd Pass	\$80,200	\$157,800
Hydrated Lime	Stabilization	\$158,800	\$317,500
Carbon Dioxide	Stabilization	\$111,500	\$222,500
Sodium Hypochlorite	Disinfection	\$117,300	\$234,700
Liquid Ammonium Sulfate	Chloramination	\$15,630	\$31,300

Table B-2 Intermittent Use Chemical Dosing Operational Costs

Chemical	Application	2.65 MGD Annual Cost (\$/yr)	5.35 MGD Annual Cost (\$/yr)
Citric Acid	CIP Makeup & Base Neutralization	\$51,920	\$77,000
Sodium Hydroxide	CIP Makeup & Acid CIP Neutralization	\$2,080	\$3,120

The following assumptions were incorporated into the chemical analysis:

- CIP frequency of four per year per train
- Minimum chemical storage duration of 30 days on average

Annual energy costs of \$0.13 per kWh were assumed for the following equipment:

- Major Pumps (Outside of Process Building)
 - o Raw Water Contact Tank Pumps
 - o RO Feed Tank Pumps
 - o Finished Water Pumps
 - o Brine Receiving Station Pumps

- Major Process Pumps (Inside Process Building)
 - o 1st Pass Feed Pumps
 - o 1st Pass Interstage Booster Pumps
 - o 2nd Pass Feed Pumps
- RO CIP, Flush, and Neutralization Pumps
- Pumping Energy for the Wells

Table B-3 outlines the annual costs for process consumables including cartridge filter replacements and RO membrane replacements.

Table B-3 Process Consumables

Item	2.65 MGD Annual Cost (\$/yr)	5.35 MGD Annual Cost (\$/yr)
Cartridge Filters	\$1,800	\$3,900
SWRO Membrane Replacements	\$60,420	\$119,700
BWRO Membrane Replacements	\$17,850	\$34,650

Table B-4 presents the anticipated additional fees for the Local SiP including the Replenishment Assessment and brine disposal fees. The unit costs are from the year 2025.

Table B-4 Additional Fees

Item	2.65 MGD Annual Cost (\$/yr)	5.35 MGD Annual Cost (\$/yr)
Replenishment Assessment Unit Cost (\$/AF)		\$206
Replenishment Assessment Annual Cost	\$924,900	\$1.850 M
Brine Disposal Unit Cost (\$/AF)		\$90
Brine Disposal Annual Cost	\$120,100	\$240,300

Table B presents the annual costs for anticipated spare parts and maintenance.

Table B-5 Spare Parts and Maintenance Operational Costs

Item	2.65 MGD Annual Cost (\$/yr)	5.35 MGD Annual Cost (\$/yr)
Mechanical, Electrical, and I&C Costs (5% of Total Construction Costs)	\$9.665 M	\$13.84 M
Spare Parts (1.5% of M/E/I&C)	\$145,000	\$207,700
Maintenance (2.0% of M/E/I&C)	\$193,300	\$276,900

Three FTEs were assumed for both alternatives. The total annual labor cost is presented in Table B-6.

Table B-6 Labor Operational Costs

Item	2.65 MGD Annual Cost (\$/yr)	5.35 MGD Annual Cost (\$/yr)
Additional FTEs	\$338,000	\$338,000

The resulting annual operational costs are presented in Table B.

Table B-7 Opinion of Annual Operational Costs

Category	2.65 MGD Annual Cost (\$/yr)	5.35 MGD Annual Cost (\$/yr)
Chemical	\$1.08 M	\$2.09 M
Energy	\$1.89 M	\$3.71 M
Process Consumables	\$80.1 K	\$158 K
Replenishment Assessment	\$925 K	\$1.85 M
Brine Disposal	\$120 K	\$249 K
Spare Parts & Maintenance	\$338 K	\$485 K
Labor	\$338 K	\$338 K
Total OPEX	\$4.77 M	\$8.87 M

REPORTS:

11. REPORT OF THE GENERAL MANAGER:
 - September Key Indicators Report

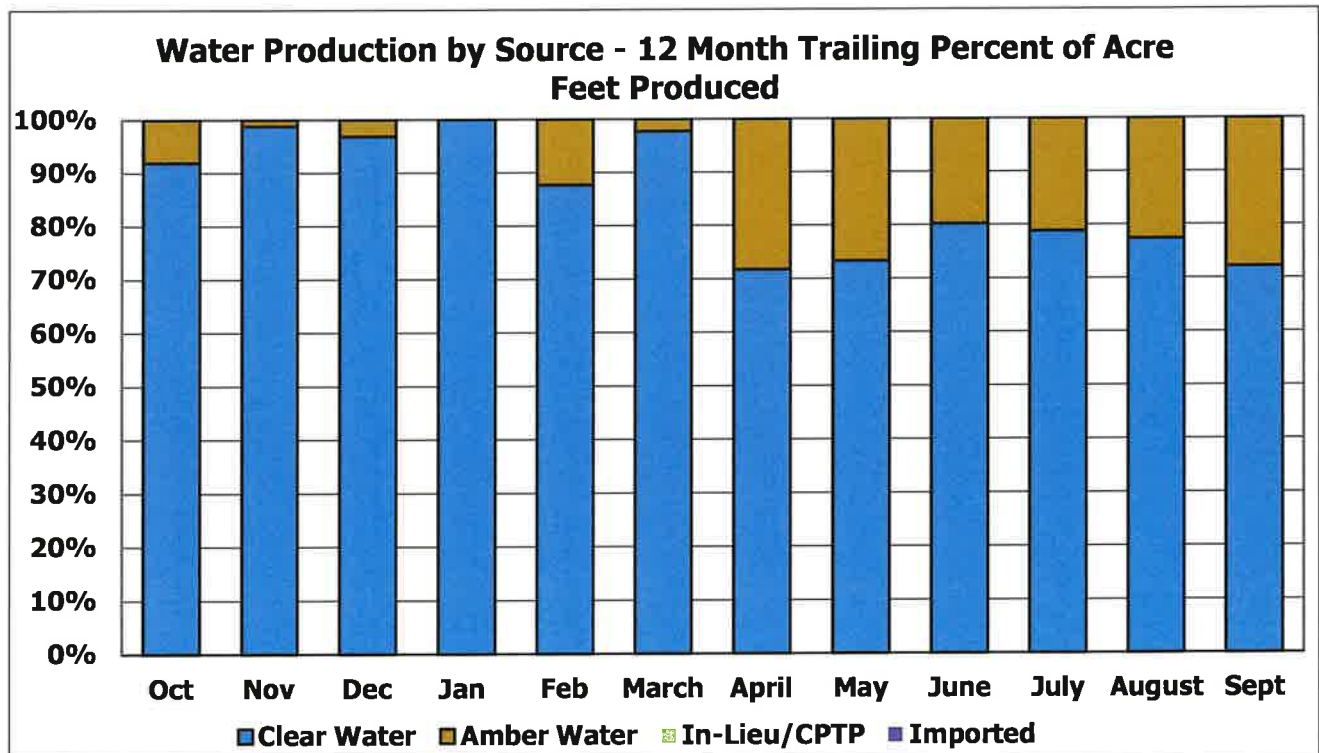
**Monthly Key Indicators Report
For the Month of September 2025**

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	3,475	3,410	13,326
Amber Water (MWRP)	1,087	1,250	2,400
Imported	0	0	0
Basin Management Water	0	0	0
Total Production	4,562	4,660	15,726

YTD actual water production (AF) through September 30, 2025



**Monthly Key Indicators Report
For the Month of September 2025**

Goal #1: Provide an abundant, local, reliable and safe water supply

FY 2026 System Water Quality – This data reflects samples taken in September

Distribution System:	Average	Range	MCL
Chlorine Residual (mg/L) <i>Compliance</i>	2.21	1.02 – 2.78 Current RAA = 2.02	4 RAA
Coliform Positive % <i>Compliance</i>	0	0	5
Temperature (° F)	78	72 - 84	None

Reservoir I & II:	Average	Range	MCL
Chlorine Residual (mg/L)	1.87	0.60 – 2.60	None
Monochloramine (mg/L)	1.87	0.73 – 2.65	None
Ammonia (mg/L)	0.40	0.12 – 0.59	None
Temperature (° F)	77	72 - 80	None

Wells (Treated):	Average	Range	MCL
Chlorine Residual (mg/L)	2.58	1.93 – 2.98	None
Monochloramine (mg/L)	2.52	1.71 – 2.85	None
Ammonia (mg/L)	0.54	0.30 – 0.66	None
Temperature (° F)	76	74 - 80	None

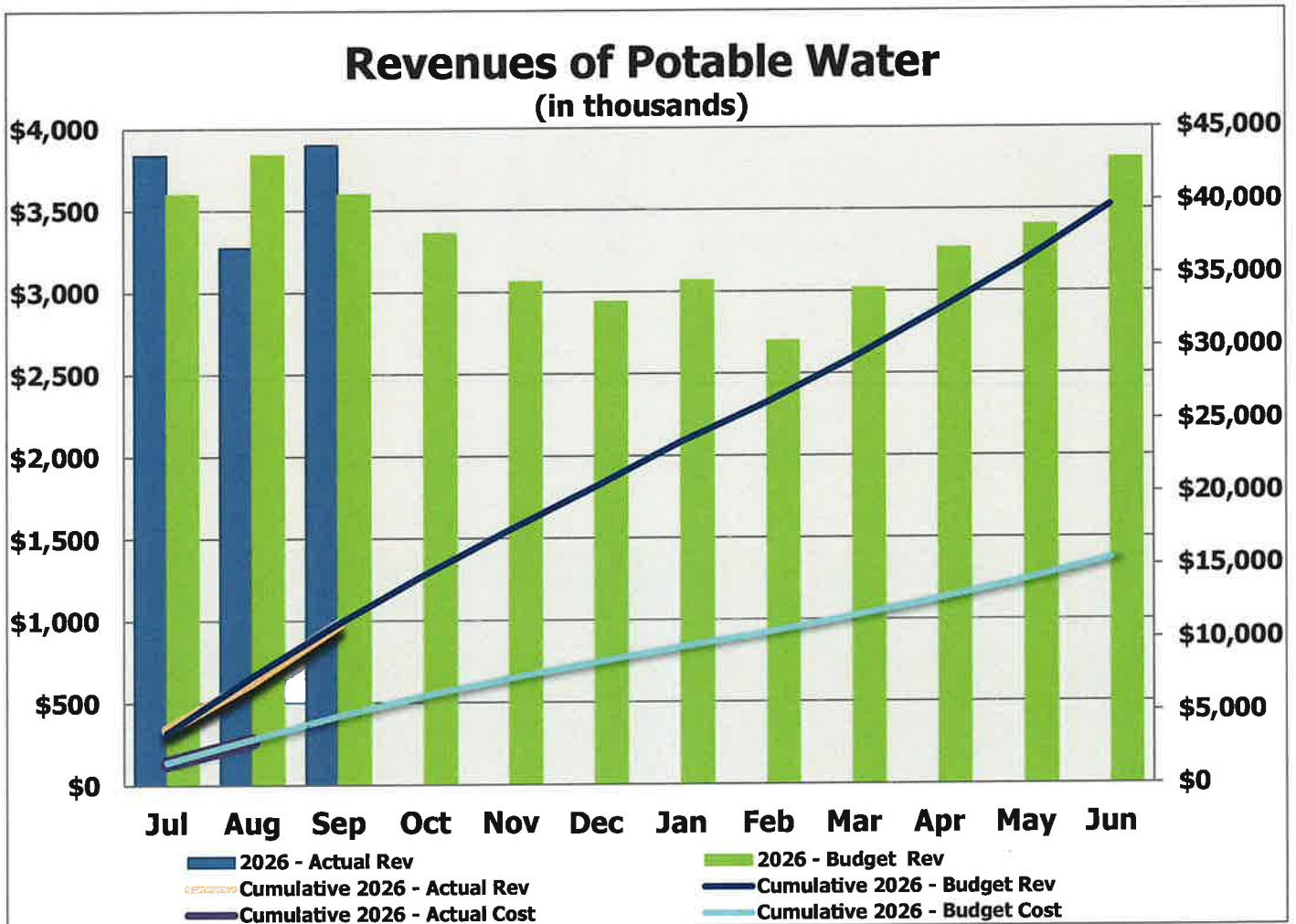
MWRF:	Average	Range	MCL
Chlorine Residual (mg/L)	2.24	1.80 – 2.65	None
Monochloramine (mg/L)	2.17	1.80 – 2.49	None
Ammonia (mg/L)	0.51	0.47 – 0.56	None
Temperature (° F)	83	81 - 83	None
Color (CU) <i>Compliance</i>	ND	ND	15
Odor (TON) <i>Compliance</i>	ND	ND	3

Water Quality Calls/Investigations:

Total Calls	3
Total Investigations (from calls)	1

**Monthly Key Indicators Report
For the Month of September 2025**

Goal #2: Perpetually renew and improve our infrastructure



	Actual	Budget	Favorable (Unfavorable)	
			Difference	%
Total YTD Revenue \$	11,006,557	11,036,485	(29,928)	(0.27%)

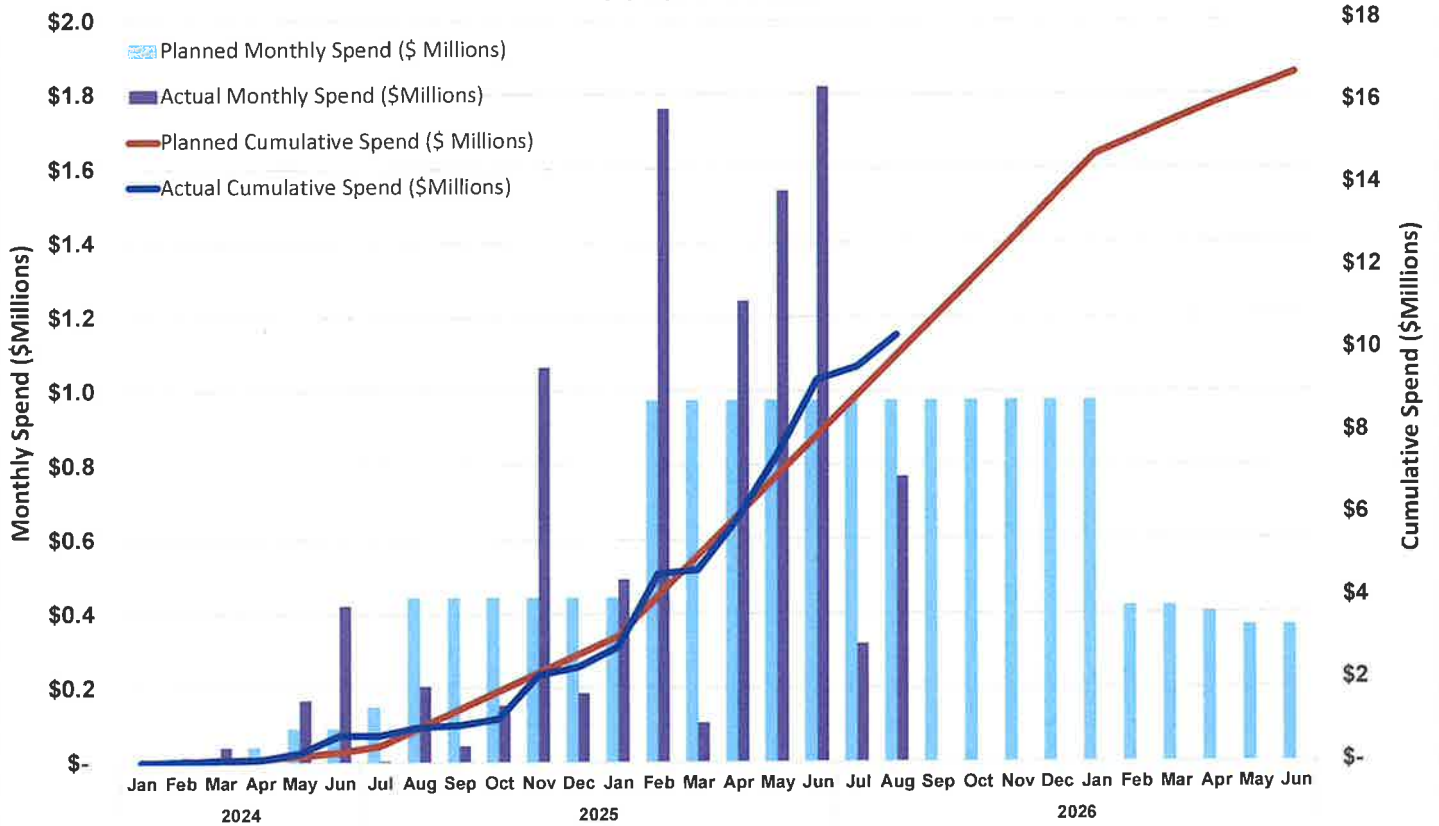
	Actual	Budget	UnFavorable (Favorable)	
			Difference	%
Total YTD Cost \$ *	3,041,437	3,171,634	(130,197)	(4.11%)

* 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 September 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 September 2025**

Goal #4: Increase public awareness of Mesa Water

Web Site Information

Web Site Information	August 2025	September 2025
Visits to the web site	6,251	7,562
New visitors (First time to the site)	5,200	6,744
Average per day	201	252
Average visit length	3 minutes, 29 seconds	3 minutes, 56 seconds
Page visited most	Online Bill Pay	Online Bill Pay
Second most visited page	Human Resources	Human Resources
Third most visited page	Rates and Fees	Rates and Fees
Fourth most visited page	Contact Us	Contact Us
Fifth most visited page	Departments	Departments
Most downloaded file	Customer Service	Customer Service
Second most downloaded file	Salary Table	Salary Table
Most active day of the week	Monday	Monday
Least active day of the week	Sunday	Sunday

Total visits since July 1, 2002	2,074,930
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Water Vending Machine Information

Vending Machine Location	Vend Measurement	September 2025 Vends	Totals Vends
Mesa Water Office	1 gallon	10250	817575

**Monthly Key Indicators Report
For the Month of September 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	2.00	1.00	Senior Customer Services Representative - <i>vacant; recruitment in process.</i>
Subtotal	3.00	2.00	1.00	
ENGINEERING:				
Engineering	4.00	4.00	0.00	
Subtotal	4.00	4.00	0.00	
FINANCIAL SERVICES:				
Financial Reporting/ Purchasing	4.00	3.00	1.00	Chief Financial Officer - <i>vacant; recruitment in process.</i> Accountant - <i>vacant; recruitment in process.</i> Accounting Technician I/II - <i>vacant; recruitment in process.</i>
Accounting	4.00	2.00	2.00	
Subtotal	8.00	5.00	3.00	
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	1.50	2.00	Public Affairs Specialist (General Programs) - <i>vacant; recruitment in process.</i> Public Affairs Specialist (Education Center) - <i>vacant; recruitment in process.</i> Water Use Efficiency Specialist/Analyst - <i>vacant; future recruitment planned.</i>
Water Use Efficiency	1.00	0.00	1.00	
Subtotal	4.50	1.50	3.00	
WATER OPERATIONS:				
Supervision/Support	8.00	8.00	0.00	Field Customer Service Rep. I/II - <i>vacant; recruitment in process.</i>
Distribution	10.00	10.00	0.00	
Field Services	5.00	4.00	1.00	
Production	4.00	4.00	0.00	
Water Quality	2.00	2.00	0.00	
Subtotal	29.00	28.00	1.00	
WATER POLICY:				
Legislative & Governmental Affairs	1.50	1.50	0.00	
Subtotal	1.50	1.50	0.00	
* TOTAL BUDGETED POSITIONS:	61.00	50.00	11.00	

**Monthly Key Indicators Report
For the Month of September 2025**

Goal #6: Provide excellent customer service

Customer Calls

Call Type	FY 2026 YTD	September 2025	YTD Weekly Average
General Billing Question	374	106	29
Service Requests	328	103	25
High Bill	482	145	37
Payments	628	192	48
Late Fee	689	206	53
Account Maintenance	110	31	8
On-Line Bill Pay	506	158	39
Water Pressure	10	3	1
No Water	29	8	2
Conservation	9	3	1
Water Waste	1	1	0
Other (District info. other utility info. etc.)	662	198	51
Rate Increase	0	0	0
Fluoridation	0	0	0
TOTAL CUSTOMER CALLS	3828	1154	294
AVERAGE ANSWER TIME (Seconds)	20	20	20

Online Bill Pay Customers

Customers Enrolled	FY 2026 YTD	September 2025	YTD Weekly Average
16764	535	189	38

REPORTS:

12. DIRECTORS' REPORTS AND COMMENTS



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Anthony Phou, Controller
DATE: October 22, 2025
SUBJECT: Claim of Tom Fisher

RECOMMENDATION

This item is provided for information.

STRATEGIC PLAN

Goal #3: Be financially responsible and transparent.
Goal #6: Provide outstanding customer service.

PRIOR BOARD ACTION/DISCUSSION

None.

DISCUSSION

On September 8, 2025, Mesa Water District (Mesa Water®) received a claim from ratepayer Tom Fisher. Mr. Fisher alleges that his upstairs and downstairs toilets were slow to flush and clogged due to staff replacing meters on his street. Mr. Fisher hired a plumber who found sand stuck in the claimant's filters and lines. Mr. Fisher is requesting monetary reimbursement in the amount of \$165 for the cost of the plumber.

According to the plumber's report, sand was found beyond the meter and only in two specific locations. Based on this information, staff has determined that the issue was most likely caused by Mr. Fisher's water heater rather than any fault on the part of Mesa Water. In accordance with Mesa Water's Rules and Regulations for Water Service, staff recommends the Board of Directors deny the claim of Mr. Fisher.

LEGAL REVIEW

Staff consulted with the Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA) and Legal Counsel - Atkinson, Andelson, Loya, Ruud & Romo - who supported Mesa Water staff's recommendation to deny the claim and recommended that a denial letter be mailed out as soon as possible.

Legal Counsel recommends that the claim in question be denied within forty-five days of presentation. The claimant will have six months in which to file suit once the claim is denied.

FINANCIAL IMPACT

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

If a suit is filed, Mesa Water could expend funds, the amount of which is unknown at this time.



ATTACHMENTS

Attachment A: Claim Form

Claim Form

(A claim shall be presented by the claimant or by a person acting on his behalf.)

NAME OF DISTRICT:	
1	Claimant name, address (mailing address if different), phone number, social security number, e-mail address, and date of birth. <i>Effective January 1, 2010, the Medicare Secondary Payer Act (Federal Law) requires the District/Agency to report all claims involving payments for bodily injury and/or medical treatments to Medicare. As such, if you are seeking medical damages, we MUST have both your Social Security Number and your date of birth.</i> Name: <u>TOM FISHER</u> Address(es): [REDACTED]
2	List name, address, and phone number of any witnesses. Name: <u>DC DRAINS</u> Address: [REDACTED] Phone Number: [REDACTED]
3	List the date, time, place, and other circumstances of the occurrence or transaction, which gave rise to the claim asserted. Date: <u>9/8/25</u> Time: <u>2:30</u> Place: [REDACTED] Tell What Happened (give complete information): <u>CAME HOME AND SAW MESA WATER WORKING ON OUR STREET. APPROX THEY WERE WORKING ON NEW METERS AND HAD BEEN SHUTTING OFF THE WATER. I WAS WASHING MY HANDS IN THE UPSTAIRS SINK AND THE WATER STOPPED FLOWING. HOT + COLD DID NOT WORK AT ALL. ALSO THE DOWNSTAIRS TOILET TOOK A LONG TIME TO REFILL</u> NOTE: Attach any photographs you may have regarding this claim.
4	Give a general description of the indebtedness, obligation, injury, damage, or loss incurred so far as it may be known at the time of presentation of the claim. <u>Called Mesa Water first. Someone came out AND notified us that they could not enter the house. I needed to call a plumber. The plumber found dirt in the screen, stopping the water flow. I we were never notified that Mesa Water would be shutting off our water</u>
5	Give the name or names of the public employee or employees causing the injury, damage, or loss, if known. <u>DO NOT HAVE NAME</u>
6	The amount claimed if it totals less than ten thousand dollars (\$10,000) as of the date of presentation of the claim, including the estimated amount of any prospective injury, damage or loss, insofar as it may be known at the time of the presentation of the claim, together with the basis of computation of the amount claimed. If the amount claimed exceeds ten thousand dollars (\$10,000), no dollar amount shall be included in the claim. However, it shall indicate whether the claim would be a limited civil case. <u>Plumbers INVOICE FOR 165.00</u>
Date: <u>9/18/25</u> Time: <u>8:10</u> Signature: <u>[Signature]</u> ANSWER ALL QUESTIONS. OMITTING INFORMATION COULD MAKE YOUR CLAIM LEGALLY INSUFFICIENT!	



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Stacy Taylor, Water Policy Manager
DATE: October 22, 2025
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.

FINANCIAL IMPACT

In Fiscal Year 2026, \$450,000 is budgeted for Water Policy Support Services; \$93,030 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: October 14, 2025
Subject: October 2025 Report

Federal Government Shutdown

In the days leading up to the government shutdown activity within both chambers of Congress and the White House intensified. On September 22nd, President Trump initially agreed to meet with Senate Minority Leader Chuck Schumer (D-NY) and House Minority Leader Hakeem Jeffries (D-NY) to negotiate a deal. By the next morning, however, he cancelled, reportedly after pressure from Speaker Mike Johnson (R-LA) and Senate Majority Leader John Thune (R-SD). The President later declared he would only meet with Democrats if they first agreed to his principles.

After the House passed its Republican-led CR, on September 16th, Senate Democrats introduced their own version. On September 25th, the Senate rejected both proposals, the Democratic CR by a vote of 47–45 and the House’s Republican CR by a vote of 44–48, with neither reaching the 60 votes needed to pass. The House then announced it would cancel votes scheduled for September 29th and 30th, effectively leaving town before the fiscal year ends.

On September 24th, the Office of Management and Budget (OMB) issued guidance to federal agencies not only to prepare standard furlough plans, to separate essential from non-essential staff, but also to draft Reduction in Force (RIF) plans. This has been interpreted by some as a political maneuver aimed at pressuring Democrats to support the Republican House-passed continuing resolution (CR). The guidance takes an unprecedented step, as RIF notices go beyond temporary furloughs, potentially signaling long-term job cuts.

On October 1st, the government went into a shutdown following an inability for Congress to either pass all 12 appropriations bills or a continuing resolution (CR) to give themselves more time. As a result, thousands of workers across all federal departments and agencies have been furloughed. RIF notices are also starting to be distributed to federal employees, with a reported 4,000 facing lay-offs.

Both Republicans and Democrats continue to disagree on how to tackle major topics, like healthcare, and are still working to come to an agreement on a CR. The House remains out of session, with Republican leadership canceling votes through the week of the 13th, though some House Republicans are calling for the chamber to return to vote at least on standalone funding to pay members of the military, who could miss their first paycheck next week.

The Senate has remained in session, and as of Friday, October 10th, has voted seven times on competing Democratic and Republican CRs, with both failing to reach the 60-vote threshold needed to end debate and move to final passage. An eighth vote on the dueling CRs is scheduled for October 14th. Senators did reach an agreement on October 9th on the stalled annual National Defense Authorization Act (NDAA), passing the measure by a vote of 70-20.

VSA will keep Mesa Water District apprised as more information becomes available.

Senate Confirmed Jessica Kramer as Assistant Administrator for EPA Office of Water

On September 18th, the Senate confirmed Jessica Kramer to serve as the Environmental Protection Agency's (EPA) Assistant Administrator for the Office of Water. Kramer, previously serving as a Senior Advisor to EPA Administrator Lee Zeldin, brings an extensive background in environmental and water policy. Her experience includes serving as the Deputy Secretary of Regulatory Programs at the Florida Department of Environmental Protection; a Senior Policy Advisor and Counsel for Government Relations at Brownstein Hyatt Farber Schrek, a top Denver based lobbying firm; Water Counsel under Ranking Member, now Chair, Shelley Moore-Capito (R-WV) for the Senate Environment and Public Works Committee; Senior Policy Counsel to the Assistant Administrator of EPA under the first Trump Administration; Assistant Attorney General for the Department of Justice in the Environmental Protection Unit in Wisconsin; and Environmental Enforcement Specialist and Attorney for the Wisconsin Department of Natural Resources. Kramer has her bachelor's degree from the University of Wisconsin-Stevens Point and her law degree from Marquette University Law School. Senator Capito (R-WV) supported Kramer's confirmation, stating she "has a wealth of knowledge and experience advocating for clean water at both the state and federal level, as well as in the private sector, and has built a career crafting practical, bipartisan solutions to improve water policy and ensure communities have access to safe and reliable drinking water and wastewater infrastructure."

Ted Cooke Nomination Withdrawn

On September 17th, the nomination for the Bureau of Reclamation (BOR) Administrator, Ted Cooke, stated his nomination for the position had been rescinded. Cooke stated, "This is not the outcome I sought, and I'll leave it at that." Neither the BOR nor the White House made comments on the reason for the rescission. Cooke's nomination was praised by many environmental advocates and state officials, partially due to his considerable knowledge of the Colorado River Basin. The need to fill the position is growing increasingly urgent, as several key agreements governing the Colorado River are set to expire on October 1, 2026.

EPA Retains PFOA and PFOS Regulation and Prepares Framework Rule

On September 11th, the [EPA filed a request](#) with the U.S. Court of Appeals for the District of Columbia Circuit, asking to vacate regulations for four of the six per- and polyfluoroalkyl substances (PFAS) currently covered under the Safe Drinking Water Act. The agency proposed to retain regulations only for perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS), following assertions of the Biden Administration violating legal requirements by not allowing public input before proposing strict drinking water limits.

On September 17th, the EPA issued an update regarding PFAS regulations under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA/Superfund). The agency confirmed that it will retain the hazardous substance designation for PFOA and PFOS and announced plans to initiate future rulemaking to establish a “CERCLA Section 102(a) Framework Rule.” This rule is intended to provide a uniform approach for designating additional hazardous substances and will outline how EPA considers the costs of such designations. While the agency has not provided a timeline, once finalized, the framework is expected to guide future regulatory actions beyond substances listed under the Clean Water Act, Clean Air Act, Resource Conservation and Recovery Act, and Toxic Substances Control Act.

That same day, the Department of Justice (DOJ) submitted a [court filing](#) on behalf of EPA in ongoing litigation concerning the designation of PFOA and PFOS as CERCLA hazardous substances. EPA emphasized that while it is retaining the Biden-era rule (effective July 8th, 2024), it believes the most durable solution would be a statutory fix through Congress to protect passive receivers from liability. The agency stated it stands ready to provide technical assistance to Congress if requested.

VSA will keep Mesa Water District apprised as more information becomes available.

EPA Proposes More Flexible Approach to Chemical Risk Evaluations Under TSCA

On September 19th, the EPA released a [proposed rule](#) to amend the 2024 Toxic Substances Control Act (TSCA) rule titled “[Procedures for Chemical Risk Evaluation under TSCA](#)” or the “Risk Evaluation Framework Rule.” These changes are intended to make the risk evaluation process more efficient, ensure compliance with statutory mandates, respond to stakeholder concerns (including from industry, other federal agencies, etc.), and address lessons learned since the 2024 rule was published. Under the 2024 rule, EPA was required to conduct a single comprehensive risk determination for each chemical that considered all conditions of use, exposure pathways, and routes without exception, and largely excluded consideration of existing occupational controls. The proposed rule would instead allow separate risk determinations for individual conditions of use, clarify how existing exposure controls are factored in, and grant EPA discretion to limit which pathways or conditions are considered to avoid unnecessary delays. The revisions also adjust definitions, streamline information submission requirements for manufacturers, and apply only to risk evaluations that are still in process or newly initiated, rather than all evaluations, while maintaining transparency and statutory compliance.

VSA will keep Mesa Water District apprised as more information becomes available.

Water Resources and Technical Assistance Review Act Passes House

On September 15th the House passed the [Water Resources and Technical Assistance Review Act \(H.R. 3427\)](#) sponsored by Rep. David Taylor (R-OH). The bill would direct the Government Accountability Office (GAO) to review and recommend improvements to EPA’s clean water technical assistance (WaterTA) programs. Specifically, the GAO would be tasked with evaluating how the EPA identifies, selects, and partners with technical assistance providers to support communities, including economically distressed areas. The review must also assess the

effectiveness of these programs over the past five years and identify any gaps in assistance. Within one year of enactment, the GAO is required to submit a report to Congress detailing its findings and offering recommendations for improvement. Additionally, the EPA must submit an annual compliance plan for five years, outlining actions taken to address the GAO's recommendations.

EPA Holds AI Roundtable and Highlights Permitting Reform to Make U.S. the AI Capital

On September 15th EPA Administrator Lee Zeldin led an Artificial Intelligence (AI) roundtable at the White House with AI and data center leaders. Zeldin highlighted actions the Trump Administration has taken to advance AI infrastructure growth, including streamlined permitting, deregulation, and policies designed to remove regulatory barriers to data center construction. Attendees included senior officials from the White House Office of Science and Technology Policy, industry executives from major data center firms, and Congressional leaders. During the roundtable, Zeldin also asked for feedback on remaining permitting bottlenecks and technical obstacles, signaling a continuing administration effort to adapt regulatory tools to emerging technological needs.

California Air Regulators Propose to Restore Past Vehicle Emissions Rules

On October 3rd the California Air Resources Board (CARB) released an emergency [proposed rulemaking](#) to restore Obama-era vehicle emissions rules for passenger cars and light- and medium-duty trucks. This proposed rulemaking comes after Congress' move to revoke the state's electric vehicle sales mandates in June. CARB stated that restoring the prior standards would help maintain progress towards the state's climate goals and preserve consistency with previous federal benchmarks.

On November 20th, is a scheduled vote at CARB's board meeting to decide whether to revert to the prior standards.

Report Published on Colorado River Recommendations

On October 1st the Great Basin Water Network, partnering with Living Rivers-Colorado Riverkeeper, the Utah Rivers Council and the Glen Canyon Institute, released a report titled "[There's no Water Available: Commonsense Recommendations to Limit Colorado River Conflict.](#)" The release of the report marks the one year left before the current agreements over reductions in water use expire October 1st, 2026. Revolving around the facts that on average there is less surface water in the system than during the 20th Century, there will be continued declines in average on the river in the coming decades, and diminishing groundwater supplies are contributing to the losses, the report offers 9 recommendations. The report states "A stable, reliable system requires reducing consumptive uses across all corners of the Colorado River Basin. No water user, tributary, or regulator should be exempt. Respect, shared responsibility, and a commitment to future generations must all guide our collective actions."

The report asserts that many of the issues highlighted could have already been addressed, but the Department of the Interior has not pursued a full National Environmental Policy Act (NEPA)

review process for the ongoing negotiations. The groups state without an environmental impact statement to assess the proposals, there is no opportunity for the public to weigh in.

The Trump administration has set a mid-November deadline for states to reach an agreement, with a final plan due in February 2026.

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](#)) Rep. Pat Fallon (R-TX)

Status: House - 04/09/2025 Referred to the House Committee on Oversight and Government Reform.

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 - 07/23/2025 Referred to the Committee on Transportation and Infrastructure, and the Committee on Energy and Commerce

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](#)) Sen. Ruben Gallego (D-AZ)

Status: Senate - 07/23/2025 Referred to the Committee on Environment and Public Works.

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](#)) Sen. Ruben Gallego (D-AZ)

Status: Senate - 05/01/2025 Referred to the Committee on Environment and Public Works.

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](#)) Rep. Harriet Hageman (R-WY)

Status: House - 02/12/2025 Ordered to be Reported (Amended) by Unanimous Consent.

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 - 01/13/2025 Referred to the House Committee on Natural Resources

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 - 05/06/2025 Committee on Agriculture, Nutrition, and Forestry. Hearings held.

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](#)) Rep. Jim Costa (D-CA)

Status: House - 02/28/2025 Referred to the Subcommittee on Conservation, Research, and Biotechnology

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](#)) Sen. John Hickenlooper (D-CO)

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](#)) Rep. Ken Calvert (R-CA)

Status: House - 07/15/2025 Ordered to be Reported (Amended) by Unanimous Consent.

Action By: Committee on Natural Resources

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 - 01/21/2025 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.

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 - 03/25/2025 Subcommittee on Water, Wildlife and Fisheries Hearings Held

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](#)) Rep. Chip Roy (R-TX)

Status: House – 04/10/2025 Passed by the Yeas and Nays: 220 – 208

Senate - 04/10/2025 Received in the Senate

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](#)) Sen. Catherine Cortez Masto (D-NV)

Status: Senate - 05/01/2025 Referred to the Committee on Energy and 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 Received in the Senate and 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 – 04/01/2025 Passed the House.

Senate – 04/10/2025 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: 7/24/2025 Became law

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 - 05/29/2025 Referred to the House Committee on Veterans' Affairs.

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](#)) Rep. Kim Schrier (D-WA)

Status: House - 06/10/2025 Referred to the Committee on Natural Resources, and in addition to the Committees on Agriculture, and Energy and Commerce,

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](#)) Rep. David Rouzer (R-NC)

Status: House - 07/23/2025 Referred to the House Committee on Agriculture.

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 - 09/26/2025 Referred to the Committee on Energy and Commerce, and the Committee on Transportation and Infrastructure

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.



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Stacy Taylor, Water Policy Manager
DATE: October 22, 2025
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.

FINANCIAL IMPACT

In Fiscal Year 2026, \$450,000 is budgeted for Water Policy Support Services; \$93,030 has been spent to date.

ATTACHMENTS

Attachment A: State Advocacy Report
Attachment B: State Legislative Status Report



October 14, 2025

To: Elizabeth Roth, Mesa Water District

From: Dennis Albiani and Adam Quiñonez, California Advocates

Subject: October 2025 Monthly Report

Since adjournment in mid-September, the numbers for the 2025 legislative session have been tabulated. This year, 2,397 bills were introduced (864 Senate Bills, and 1,533 Assembly Bills), with the Assembly moving 936 (61%) and the Senate 600 (69%) to the other house. The hottest issues broadly in 2025 included a trio of bills focused on redistricting that ultimately passed the Legislature and placed Proposition 50 on the ballot. In addition, the last day of the session, featured a large energy/climate package that reauthorized the State's Cap and Trade program.

On water, three issues dominated: Delta Conveyance, water supply, and funding. While the Governor stated that his top water priority was advancing and streamlining the Delta Conveyance Project, ultimately, the Legislature was divided on tackling this issue. The Governor's proposal was met with strong opposition from the Delta Caucus of Legislators that ultimately rallied enough concern to stymie the proposal. SB 72 (Caballero), now signed into law, modernizes the California Water Plan, expands advisory representation (including tribes, labor, and environmental justice organizations), and directs the Department of Water Resources (DWR) to set long-term supply targets for the state. This marks the second attempt to get this bill passed and shows clear signs that the Administration and Legislature are focused on long-term water supply needs.

Meanwhile, the Prop 4 climate bond, approved in 2024, started turning into budget appropriations, roughly \$2.7B in 2025-26 across safe drinking water, drought/flood resilience, and nature-based projects. This spending plan also materialized late in the session after extensive advocacy by California Advocates, ACWA, and others. While future allocations will be needed, this first year of Prop 4 implementation can be counted as a success.

Key Bills

SB 72 (Caballero-D) The California Water Plan: Long-term Supply Targets.

SB 72 was signed by Governor Newsom on October 1. The bill, co-sponsored by the California Municipal Utilities Association, California State Association of Counties, and the California Council for Environmental and Economic Balance, will require DWR to establish an interim planning target of 9,000,000 acre-feet of additional water, water conservation, or water storage capacity to be achieved by 2040. The bill requires the target to consider the identified and future water needs for a sustainable urban sector, agricultural sector, and environment, and ensure safe drinking water for all Californians, among other things.

Status: Chaptered 10-1-2025

Position: Support (Coalition)

SB 394 (Allen-D) Water Theft: Fire Hydrants

Governor Newsom signed SB 394 on October 10, 2025. This is an ACWA sponsored bill that will increase the penalties related to water theft, meter tampering, or water theft and tampering with a fire hydrant. The bill had no opposition all year long and was widely supported by the water community.

Status: Chaptered 10-10-25

Position: Support (Coalition)

SB 454 (McNerney - D) State Water Resources Control Board: PFAS Mitigation Program.

Sponsored by ACWA and Cal Cities, this bill would have created the PFAS Mitigation Fund in the General Fund and would have authorized the fund to be expended by the State Water Resources Control Board to issue grants and/or loans for the purpose of addressing PFAS contamination. While the bill met no opposition the State Water Board identified a cost of \$6.5 million ongoing to administer the fund. As a result, the bill was vetoed by the Governor on October 1, 2025.

Status: Vetoed 10-1-25

Position: Support (Coalition)

SB 616 (Rubio) Community Hardening Commission: wildfire mitigation program

SB 616 would have established the Community Hardening Commission (Commission) within the Department of Insurance and an advisory council for the Commission. The Commission would have been required to develop new wildfire home and community hardening standards to reduce fire risk and improve access to fire insurance, including guidelines and best practices for infrastructure improvements for water and electrical supply to support fire suppression efforts and disaster recovery. The bill, which has an insurance focus, would have allowed the Commission to develop standards for water systems. ACWA, CSDA, and water agencies were able to secure amendments late in the session that limit the bill to providing guidelines regarding risk mitigation to ensure reliability of water service.

Regardless, the bill was vetoed on October 13. In his veto message, Governor Newsom cited that there are already a number of efforts being undertaken by CAL FIRE, Cal OES, and the Insurance Commissioner. This bill would have conflicted with some of those efforts.

Status: Vetoed 10-13-25

Position: Neutral (Coalition)

Regulatory and Administrative Actions

Bay-Delta Plan Update

On September 16, the State Water Resources Control Board (State Water Board) announced a Rescinded Notice of the Second Revised Notice of Public Comment and Hearing on Revised Draft Sacramento/Delta Updates to the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Watershed (Bay-Delta Plan). The previously scheduled September public hearing and written public comment period have been cancelled. The State Water Board is anticipating a limited recirculation of the draft Staff Report, originally released in fall 2023, and an updated draft Bay-Delta

Plan in December 2025. New dates for a public hearing and comment period will be announced upon release.

On September 19, the State Water Board released a Notice of Opportunity for Public Comment and Notice of Public Workshop on the Draft Scientific Basis Report Supplement for Consideration of Potential Updates to the Bay-Delta Plan to Incorporate a Proposed Voluntary Agreement for the Tuolumne River. The State Water Board is accepting public comments on the Draft Scientific Basis Report Supplement for the Tuolumne River Voluntary Agreement Proposal which is a prerequisite before the State Water Board can consider potential updates to the Bay-Delta Plan.

- Public workshop: November 5 at 9:00 am
- Public comments due: November 7 at 12:00 pm

Delta Conveyance Project

On September 12, the State Water Board released a Seventh Amended Notice of Public Hearing regarding the Department of Water Resources (DWR) pending petitions for change of water rights permits for the State Water Project.

- Continued evidentiary portion of public hearing: October 1, 6, 9, 10, 14, 15, 16, 20, 23, 27, 28, 29, at 9:00 am
- On August 6, Governor Gavin Newsom and DWR launched the Delta Conveyance Accountability Action Plan (Plan). The Plan outlines available community support programs and commitments by DWR to ensure accountability and transparency throughout the project.

Advanced Clean Fleets Regulation

On September 25, the California Air Resources Board (CARB) adopted a resolution to amend the Advanced Clean Fleets regulation (ACF). The resolution: extends the 50 percent Zero Emission Vehicle (ZEV) Purchase Schedule until 2030 and allow small fleets and those located in designated counties to continue to wait until 2030 before they need to purchase any ZEVs at all, adopts the proposed 45-day changes, and directs CARB staff to continue working with local government entities on additional concerns with exemption pathway to be addressed in a future comment period later this year prerequisite before the State Water Board can consider potential updates to the Bay-Delta Plan.

- Public workshop: November 5 at 9:00 am
- Public comments due: November 7 at 12:00 pm

California Advocates, Inc. Activity Report

- SB 72 support call with the Governor's Office.
- California Advocates/Mesa Water District/CMUA call to discuss 2026 priorities.
- California Advocates/ACWA/California Chamber 2026 water lobbyist coordination meeting
- Meeting request submitted to Assemblymember Petrie-Norris to discuss AB 514 date TBD.
- Metropolitan Water District and California Advocates Delta Conveyance Coordination Meeting.

Important Dates and Deadlines for 2025-2026

November

November 4 – California Statewide Special Election

November 7 – ACWA SLC Planning Meeting

December

December 2-4 – ACWA Fall Conference

January

January 5 – Legislature Reconvenes

Mesa Water District Legislative Status Report

Oppose - Coalition

[AB 794](#) **(Gabriel D) California Safe Drinking Water Act: emergency regulations.**

Current Text: Amended: 4/10/2025 [html](#) [pdf](#)

Introduced: 2/18/2025

Last Amend: 4/10/2025

Status: 9/12/2025-Failed Deadline pursuant to Rule 61(a)(14). (Last location was INACTIVE FILE on 6/12/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: The California Safe Drinking Water Act (state act) requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. The state board's duties include, but are not limited to, enforcing the federal Safe Drinking Water Act (federal act) and adopting and enforcing regulations. Current law authorizes the state board to adopt as an emergency regulation, a regulation that is not more stringent than, and is not materially different in substance and effect than, the requirements of a regulation promulgated under the federal act, with a specified exception. This bill would provide that the authority of the state board to adopt an emergency regulation pursuant to these provisions includes the authority to adopt requirements of a specified federal regulation that was in effect on January 19, 2025, regardless of whether the requirements were repealed or amended to be less stringent. The bill would prohibit an emergency regulation adopted pursuant to these provisions from implementing less stringent drinking water standards, as provided, and would authorize the regulation to include monitoring requirements that are more stringent than the requirements of the federal regulation. The bill would prohibit maximum contaminant levels and compliance dates for maximum contaminant levels adopted as part of an emergency regulation from being more stringent than the maximum contaminant levels and compliance dates of a regulation promulgated pursuant to the federal act.

Position

Priority

Due Date

Oppose -
Coalition

AA - No Folder

[AB 810](#) **(Irwin D) Local government: internet websites and email addresses.**

Current Text: Amended: 4/10/2025 [html](#) [pdf](#)

Introduced: 2/19/2025

Last Amend: 4/10/2025

Status: 5/23/2025-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/7/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Current law requires that a local agency that maintains an internet website for use by the public to ensure that the internet website uses a ".gov" top-level domain or a ".ca.gov" second-level domain no later than January 1, 2029. Current law requires that a local agency that maintains public email addresses to ensure that each email address provided to its employees uses a ".gov" domain name or a ".ca.gov" domain name no later than January 1, 2029. Current law defines "local agency" for these purposes as a city, county, or city and county. This bill would recast these provisions by instead requiring a city, county, or city and county to comply with the above-described domain requirements and by deleting the term "local agency" from the above-described provisions. The bill would also require a special district, joint powers authority, or other political subdivision to comply with similar domain requirements no later than January 1, 2031.

Position

Priority

Due Date

Oppose -
Coalition

AA--Coalition

[SB 601](#) **(Allen D) Water: waste discharge.**

Current Text: Amended: 7/10/2025 [html](#) [pdf](#)

Introduced: 2/20/2025

Last Amend: 7/10/2025

Status: 8/28/2025-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 8/20/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: The State Water Resources Control Board and the 9 California regional water quality control boards regulate water quality and prescribe waste discharge requirements in accordance with the Porter-Cologne Water Quality Control Act (act) and the National Pollutant Discharge Elimination System (NPDES) permit program. Under the act, the State Water Resources Control Board is authorized to adopt water quality control plans for waters for which quality standards are required by the federal Clean Water Act, as specified, and that in the event of a conflict, those plans supersede regional water quality control plans for the same waters. This bill would authorize the state board to adopt water quality control plans for nexus waters, which the bill would define as all waters of the state that are not also navigable, except as specified. The bill would require any water quality standard that was submitted to, and approved by, or is awaiting approval by, the United States Environmental Protection Agency or the state board that applied to nexus waters as of May 24, 2023, to remain in effect, as provided.

Position	Priority	Due Date
Oppose - Coalition	AA--Coalition	

Oppose Unless Amended - Coalition

[AB 1413](#) **(Papan D) Sustainable Groundwater Management Act: groundwater adjudication.**

Current Text: Amended: 9/2/2025 [html](#) [pdf](#)

Introduced: 2/21/2025

Last Amend: 9/2/2025

Status: 9/11/2025-Failed Deadline pursuant to Rule 61(a)(14). (Last location was INACTIVE FILE on 9/9/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Current law requires the Department of Water Resources to periodically review the groundwater sustainability plans developed by groundwater sustainability agencies pursuant to the act to evaluate whether a plan conforms with specified laws and is likely to achieve the sustainability goal for the basin covered by the plan. Current law requires a groundwater sustainability agency to evaluate its groundwater sustainability plan periodically. This bill would require a groundwater sustainability agency to, at least once every 7 years, review, and update if appropriate, its sustainable yield to ensure that the sustainable yield is based on the best available information and best available science, as defined, and will achieve sustainable groundwater management. The bill would also require a groundwater sustainability agency to provide an opportunity for public review and comment before making a determination whether to update its sustainable yield. To the extent that these requirements impose additional duties on groundwater sustainability agencies that are local agencies, the bill would impose a state-mandated local program.

Position	Priority	Due Date
Oppose Unless Amended - Coalition	AA--Coalition	

[SB 350](#) **(Durazo D) Water Rate Assistance Program.**

Current Text: Amended: 5/7/2025 [html](#) [pdf](#)

Introduced: 2/12/2025

Last Amend: 5/7/2025

Status: 5/23/2025-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/12/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Would establish the Water Rate Assistance Program. As part of the program, the bill would establish the Water Rate Assistance Fund in the State Treasury, available upon appropriation by the Legislature, to provide water affordability assistance, for both residential water and wastewater services, to low-income residential ratepayers, as specified. The bill would require the state board to take various actions in administering the fund, including, among other things, tracking and managing revenue in the fund separately from all other revenue. The bill would require the State Water Resources Control Board, in consultation with relevant agencies and after a public hearing, to adopt guidelines for implementation of the program and to adopt an annual report to be posted on the state board's internet website identifying how the fund has performed, as specified. The bill would require the guidelines to include minimum requirements for eligible systems, including the ability to confirm eligibility for enrollment through a request for self-certification of eligibility under penalty of perjury. By

expanding the crime of perjury, the bill would impose a state-mandated local program. The bill would require the state board to take various actions in administering the program, including, but not limited to, providing guidance, oversight, and funding for low-income rate assistance for residential ratepayers of eligible systems. The bill would authorize the Attorney General, at the request of the state board, to bring an action in state court to restrain the use of any method, act, or practice in violation of these provisions, except as provided. The bill would make the implementation of all of these provisions contingent upon an appropriation by the Legislature.

Position	Priority	Due Date
Oppose Unless Amended - Coalition	AA--Coalition	

Support - Coalition

[AB 149](#)

(Committee on Budget) Public resources trailer bill.

Current Text: Chaptered: 9/17/2025 [html](#) [pdf](#)

Chapter Number: 106

Introduced: 1/8/2025

Last Amend: 9/9/2025

Status: 9/17/2025-Chaptered by Secretary of State - Chapter 106, Statutes of 2025

Is Fiscal: Y

Summary: Current law, until January 1, 2030, generally prohibits a person from possessing, importing, shipping, or transporting in the state, or from placing, planting, or causing to be placed or planted in any water within the state, dreissenid mussels, and authorizes the Director of Fish and Wildlife or the director's designee to engage in various enforcement activities with regard to dreissenid mussels. Current law requires any person, or federal, state, or local agency, district, or authority that owns or manages a reservoir, as defined, where recreational, boating, or fishing activities are permitted, except as specified, to develop and implement a program designed to prevent the introduction of nonnative dreissenid mussel species, as provided. Under current law, except as otherwise provided, any violation of the Fish and Game Code, or of any rule, regulation, or order made or adopted under the code, is a crime. This bill would expand the scope of the above-described provisions relating to dreissenid mussels to instead apply to invasive mussels, defined to mean any nonnative detrimental mussel species, as provided.

Position	Priority	Due Date
Support - Coalition		

[AB 259](#)

(Rubio, Blanca D) Open meetings: local agencies: teleconferences.

Current Text: Amended: 4/21/2025 [html](#) [pdf](#)

Introduced: 1/16/2025

Last Amend: 4/21/2025

Status: 7/17/2025-Failed Deadline pursuant to Rule 61(a)(10). (Last location was JUD. on 5/14/2025) (May be acted upon Jan 2026)

Is Fiscal: N

Summary: The Ralph M. Brown Act, requires, with specified exceptions, that all meetings of a legislative body, as defined, of a local agency be open and public and that all persons be permitted to attend and participate. Current law, until January 1, 2026, authorizes the legislative body of a local agency to use alternative teleconferencing if, during the teleconference meeting, at least a quorum of the members of the legislative body participates in person from a singular physical location clearly identified on the agenda that is open to the public and situated within the boundaries of the territory over which the local agency exercises jurisdiction, and the legislative body complies with prescribed requirements. Current law requires a member to satisfy specified requirements to participate in a meeting remotely pursuant to these alternative teleconferencing provisions, including that specified circumstances apply. Current law establishes limits on the number of meetings a member may participate in solely by teleconference from a remote location pursuant to these alternative teleconferencing provisions, including prohibiting such participation for more than 2 meetings per year if the legislative body regularly meets once per month or less. This bill would extend the alternative teleconferencing procedures until January 1, 2030.

Position	Priority	Due Date
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AB 807 (Dixon R) Conservation and mitigation bank: marine artificial reefs.

Current Text: Introduced: 2/18/2025 [html](#) [pdf](#)

Introduced: 2/18/2025

Status: 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 3/10/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Current law provides that mitigation banks and conservation banks provide for the conservation of important habitats and habitat linkages, take advantage of economies of scale that are often not available to individualized mitigation projects, and simplify the state regulatory compliance process while achieving conservation goals. Current law provides that no conservation bank, mitigation bank, or conservation and mitigation bank is operative, vested, or final, nor bank credits issued, until the Department of Fish and Wildlife has approved in writing and a conservation easement has been recorded on the site. Current law authorizes banks to issue and sell bank credits to private and public entities. Current law defines "conservation bank" and "mitigation bank" for these purposes. This bill would expand the definition of "conservation bank" and "mitigation bank" to include marine artificial reefs. The bill would authorize a person to, after completion of a full environmental review in compliance with applicable California and federal laws and regulations, create a marine artificial reef for purposes of establishing a mitigation or conservation bank.

Position	Priority	Due Date
Support - Coalition	AA--Coalition	

ACR 36 (Carrillo D) Special Districts Week.

Current Text: Chaptered: 6/25/2025 [html](#) [pdf](#)

Chapter Number: 89

Introduced: 2/20/2025

Status: 6/25/2025-Chaptered by Secretary of State - Chapter 89, Statutes of 2025

Is Fiscal: N

Summary: This measure proclaims the week of May 18, 2025, to May 24, 2025, to be Special Districts Week.

Position	Priority	Due Date
Support - Coalition	AA - No Folder	

SB 72 (Caballero D) The California Water Plan: long-term supply targets.

Current Text: Chaptered: 10/1/2025 [html](#) [pdf](#)

Chapter Number: 210

Introduced: 1/15/2025

Last Amend: 4/10/2025

Status: 10/1/2025-Chaptered by Secretary of State - Chapter 210, Statutes of 2025

Is Fiscal: Y

Summary: Current law requires the Department of Water Resources to update every 5 years the plan for the orderly and coordinated control, protection, conservation, development, and use of the water resources of the state, which is known as "The California Water Plan." Current law requires the department to include a discussion of various strategies in the plan update, including, but not limited to, strategies relating to the development of new water storage facilities, water conservation, water recycling, desalination, conjunctive use, and water transfers, that may be pursued in order to meet the future needs of the state. Current law requires the department to establish an advisory committee to assist the department in updating the plan. This bill would revise and recast certain provisions regarding The California Water Plan to, among other things, require the department to expand the membership of the advisory committee to include, among others, tribes, labor, and environmental justice interests. The bill would require the department, as part of the 2033 update to the plan, to update the interim planning target for 2050, as provided. The bill would require the target to consider the identified and future water needs for all beneficial uses, including, but not limited to, urban uses, agricultural uses, tribal uses, and the environment, and ensure safe drinking water for all Californians, among other things. The bill would require the plan to include specified components, including a discussion of the estimated costs, benefits, and impacts of any project type or action that is recommended by the department within the plan that could help achieve the water supply targets.

Position	Priority	Due Date
Support - Coalition	AA--Coalition	

[SB 394](#)

(Allen D) Water theft: fire hydrants.

Current Text: Chaptered: 10/10/2025 [html](#) [pdf](#)

Chapter Number: 540

Introduced: 2/14/2025

Last Amend: 7/3/2025

Status: 10/10/2025-Approved by the Governor. Chaptered by Secretary of State. Chapter 540, Statutes of 2025.

Is Fiscal: N

Summary: Current law authorizes a utility to bring a civil action for damages against any person who commits, authorizes, solicits, aids, abets, or attempts certain acts, including, diverting or causing to be diverted, utility services by any means whatsoever. Current law creates a rebuttable presumption that there is violation of these provisions if, on premises controlled by the customer or by the person using or receiving the direct benefit of utility service, certain actions occur, including that there is an instrument, apparatus, or device primarily designed to be used to obtain utility service without paying the full lawful charge for the utility. This bill would add to the list of acts for which a utility may bring a civil cause of action under these circumstances to include tampering with a fire hydrant, fire hydrant meter, or fire detector check, or connecting to, diverting water from, or causing water to be diverted from, a fire hydrant without authorization from the utility that owns the fire hydrant, except as provided.

Position	Priority	Due Date
Support - Coalition	AA--Coalition	

[SB 454](#)

(McNerney D) State Water Resources Control Board: PFAS Mitigation Program.

Current Text: Vetoed: 10/1/2025 [html](#) [pdf](#)

Introduced: 2/19/2025

Last Amend: 9/2/2025

Status: 10/1/2025-Vetoed by the Governor. In Senate. Consideration of Governor's veto pending.

Is Fiscal: Y

Summary: Current law designates the State Water Resources Control Board as the agency responsible for administering specific programs related to drinking water, including, among others, the California Safe Drinking Water Act and the Emerging Contaminants for Small or Disadvantaged Communities Funding Program. This bill, which would become operative upon an appropriation by the Legislature, would enact a perfluoroalkyl and polyfluoroalkyl substances (PFAS) mitigation program. As part of that program, the bill would create the PFAS Mitigation Fund in the State Treasury and would authorize certain moneys in the fund to be expended by the state board, upon appropriation by the Legislature, for specified purposes. The bill would authorize the state board to seek out nonstate, federal, and private funds designated for PFAS remediation and treatment and deposit the funds into the PFAS Mitigation Fund. The bill would continuously appropriate these funds to the state board for specified purposes. The bill would authorize the state board to establish accounts within the PFAS Mitigation Fund. The bill would authorize the state board to expend moneys from the fund in the form of a grant, loan, or contract, or to provide assistance services to water suppliers and sewer system providers, as those terms are defined, for multiple purposes, including, among other things, to cover or reduce the costs for water suppliers associated with treating drinking water to meet the applicable state and federal maximum PFAS contaminant levels.

Position	Priority	Due Date
Support - Coalition	AA - No Folder	

[SB 466](#)

(Caballero D) Drinking water: primary standard for hexavalent chromium: exemption.

Current Text: Chaptered: 10/3/2025 [html](#) [pdf](#)

Chapter Number: 320

Introduced: 2/19/2025

Last Amend: 8/25/2025

Status: 10/3/2025-Chaptered by Secretary of State - Chapter 320, Statutes of 2025

Is Fiscal: Y

Summary: The California Safe Drinking Water Act requires the State Water Resources Control Board to adopt primary drinking water standards for contaminants in drinking water based upon specified criteria and requires a primary drinking water standard to be established for hexavalent chromium. Current law authorizes the state board to grant a variance from primary drinking water standards to a public water system. This bill would prohibit a public water system that meets the total chromium maximum contaminant level (MCL) enforceable standard for drinking water in California from being determined, held, considered, or otherwise deemed in violation of the primary drinking water standard for hexavalent chromium while implementing a state board approved compliance plan or while state board action on the proposed and submitted compliance plan is pending, except as provided.

Position	Priority	Due Date
Support - Coalition	AA--Coalition	

SB 496

(Hurtado D) Advanced Clean Fleets Regulation: appeals advisory committee: exemptions.

Current Text: Amended: 4/7/2025 [html](#) [pdf](#)

Introduced: 2/19/2025

Last Amend: 4/7/2025

Status: 5/23/2025-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/5/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: The California Global Warming Solutions Act of 2006 establishes the State Air Resources Board as the state agency responsible for monitoring and regulating sources emitting greenhouse gases and requires the state board to adopt rules and regulations to achieve the maximum technologically feasible and cost-effective greenhouse gas emission reductions from those sources. Pursuant to its authority, the state board has adopted the Advanced Clean Fleets Regulation, which imposes various requirements for transitioning local, state, and federal government fleets of medium- and heavy-duty trucks, other high-priority fleets of medium- and heavy-duty trucks, and drayage trucks to zero-emission vehicles. The Advanced Clean Fleets Regulation authorizes entities subject to the regulation to apply for exemptions from its requirements under certain circumstances. This bill would require the state board to establish the Advanced Clean Fleets Regulation Appeals Advisory Committee by an unspecified date for purposes of reviewing appeals of denied requests for exemptions from the requirements of the Advanced Clean Fleets Regulation. The bill would require the committee to include representatives of specified governmental and nongovernmental entities. The bill would require the committee to meet monthly and would require recordings of its meetings to be made publicly available on the state board's internet website. The bill would require the committee to consider, and make a recommendation on, an appeal of an exemption request denial no later than 60 days after the appeal is made. The bill would require specified information relating to the committee's consideration of an appeal to be made publicly available on the state board's internet website.

Position	Priority	Due Date
Support - Coalition	AA - Folder	

Watch-Key

AB 12

(Wallis R) Low-carbon fuel standard: regulations.

Current Text: Introduced: 12/2/2024 [html](#) [pdf](#)

Introduced: 12/2/2024

Status: 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 2/18/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: The California Global Warming Solutions Act of 2006 requires the State Air Resources Board to adopt rules and regulations to achieve the maximum technologically feasible and cost-effective greenhouse gas emissions reductions to ensure that the statewide greenhouse gas emissions are reduced to at least 40% below the statewide greenhouse gas emissions limit, as defined, no later than December 31, 2030. Pursuant to the act, the state board has adopted the Low-Carbon Fuel Standard regulations. This bill would void specified amendments to the Low-Carbon Fuel Standard regulations adopted by the state board on November 8, 2024.

Position	Priority	Due Date
Watch-Key		

[AB 21](#) **([DeMaio](#) R)** **Common interest developments: association management and meeting procedures.**
Current Text: Amended: 3/24/2025 [html](#) [pdf](#)
Introduced: 12/2/2024
Last Amend: 3/24/2025
Status: 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was H. & C.D. on 3/24/2025)(May be acted upon Jan 2026)
Is Fiscal: Y
Summary: The Davis-Stirling Common Interest Development Act governs the management and operation of common interest by an association. If a provision of that act requires an association to deliver a document by "individual delivery" or "individual notice," the act requires the association to deliver that document in accordance with the preferred delivery method specified by the member. Current law also requires the board of an association to provide general notice of a proposed rule change at least 28 days before making the rule change, in accordance with certain procedures. This bill would revise the above-described rule change provision to require the board to provide individual notice pursuant to the above-described provision governing document delivery.

Position	Priority	Due Date
Watch-Key		

[AB 26](#) **([DeMaio](#) R)** **Eliminate the Politicians' Perks Act of 2025.**
Current Text: Introduced: 12/2/2024 [html](#) [pdf](#)
Introduced: 12/2/2024
Status: 5/8/2025-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 12/2/2024) (May be acted upon Jan 2026)
Is Fiscal: N
Summary: Would state the intent of the Legislature to enact legislation that holds elected officials accountable by prohibiting Members of the Legislature from accepting gifts or trading in individual stock, imposing a lifetime lobbying ban, eliminating exemptions for the Legislature from labor, workplace, and public record laws, and eliminating government pensions for local elected officials.

Position	Priority	Due Date
Watch-Key		

[AB 34](#) **([Patterson](#) R)** **Air pollution: regulations: consumer costs: review.**
Current Text: Amended: 3/13/2025 [html](#) [pdf](#)
Introduced: 12/2/2024
Last Amend: 3/13/2025
Status: 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 2/3/2025) (May be acted upon Jan 2026)
Is Fiscal: Y
Summary: Pursuant to the California Global Warming Solutions Act of 2006, the State Air Resources Board has adopted the California Greenhouse Gas Cap-and-Trade Program to reduce emissions of greenhouse gases by applying a greenhouse gas allowance budget to specified entities and providing a trading mechanism for achieving compliance, as provided. The act requires the state board to adopt rules and regulations to achieve the maximum technologically feasible and cost-effective greenhouse gas emissions reductions to ensure that the statewide greenhouse gas emissions are reduced to at least 40% below the statewide greenhouse gas emissions limit, as defined, no later than December 31, 2030. Pursuant to the act, the state board has adopted the Low Carbon Fuel Standard regulations to reduce the carbon intensity of transportation fuels used in California, as specified. This bill would prohibit the state board from adopting any standard, regulation, or rule that affects the Low Carbon Fuel Standard or the California Greenhouse Gas Cap-and-Trade Program until the Legislative Analyst has analyzed the cost to the consumer of the proposed standard, regulation, or rule, as specified, and submitted its analysis to the Legislature.

Position	Priority	Due Date
Watch-Key		

[AB 89](#) **([Sanchez](#) R)** **Interscholastic sports: gender equity.**
Current Text: Introduced: 1/6/2025 [html](#) [pdf](#)
Introduced: 1/6/2025

Status: 5/8/2025-Failed Deadline pursuant to Rule 61(a)(3). (Last location was A.,E.,S., & T. on 2/3/2025)(May be acted upon Jan 2026)

Is Fiscal: N

Summary: Would require the California Interscholastic Federation to amend its constitution, bylaws, and policies to prohibit a pupil whose sex was assigned male at birth from participating on a girls' interscholastic sports team.

Position	Priority	Due Date
Watch-Key		

AB 93

(Papan D) Water resources: data centers.

Current Text: Vetoes: 10/11/2025 [html](#) [pdf](#)

Introduced: 1/7/2025

Last Amend: 9/5/2025

Status: 10/11/2025-Vetoes by Governor.

Is Fiscal: Y

Summary: Would require a person who owns or operates a data center, prior to applying to a city or a county for an initial business license, equivalent instrument, or permit, to provide its water supplier, under penalty of perjury, an estimate of the expected water use. When applying to a city or county for an initial business license, the bill would require a person who owns or operates a data center to self-certify, under penalty of perjury, on the application that the person has provided its water supplier an estimate of the expected water use. When applying to a city or county for a renewal of a business license, equivalent instrument, or permit, the bill would require a person who owns or operates a data center to self-certify, under penalty of perjury, on the application, that they have provided the data center's water supplier with a report of the annual water use. By expanding the crime of perjury, the bill would impose a state-mandated local program. The bill would authorize the Department of Water Resources, as part of any efficiency standard adopted under a specified provision of law, to identify different tiers of data centers, based on factors affecting water consumption, and appropriate standards for each data tier.

Position	Priority	Due Date
Watch-Key		

AB 241

(Tangipa R) Wildfire and Vegetation Management Voluntary Tax Contribution Fund.

Current Text: Introduced: 1/14/2025 [html](#) [pdf](#)

Introduced: 1/14/2025

Status: 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was REV. & TAX on 2/10/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Current law allows an individual taxpayer to contribute amounts in excess of their personal income tax liability for the support of specified funds and accounts, including, among others, to the Native California Wildlife Rehabilitation Voluntary Tax Contribution Fund. This bill would also allow an individual to designate on their tax return that a specified amount in excess of their tax liability be transferred to the continuously appropriated Wildfire and Vegetation Management Voluntary Tax Contribution Fund, which would be created by this bill.

Position	Priority	Due Date
Watch-Key		

AB 267

(Macedo R) Greenhouse Gas Reduction Fund: high-speed rail: water infrastructure and wildfire prevention.

Current Text: Introduced: 1/17/2025 [html](#) [pdf](#)

Introduced: 1/17/2025

Status: 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was TRANS. on 2/18/2025) (May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Would suspend the appropriation to the High-Speed Rail Authority for the 2026-27 and 2027-28 fiscal years and would instead require those amounts from moneys collected by the State Air Resources Board to be transferred to the General Fund. The bill would specify that the transferred amounts shall be available, upon appropriation by the Legislature, to augment funding for water infrastructure and wildfire prevention.

Position	Priority
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Watch-Key

AB 269 (Bennett D) Dam Safety and Climate Resilience Local Assistance Program.**Current Text:** Introduced: 1/17/2025 [html](#) [pdf](#)**Introduced:** 1/17/2025**Status:** 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 2/10/2025)(May be acted upon Jan 2026)**Is Fiscal:** Y

Summary: Current law provides for the regulation and supervision of dams and reservoirs by the state, and requires the Department of Water Resources, under the police power of the state, to supervise the construction, enlargement, alteration, repair, maintenance, operation, and removal of dams and reservoirs for the protection of life and property, as prescribed. Current law requires the department to, upon appropriation by the Legislature, develop and administer the Dam Safety and Climate Resilience Local Assistance Program to provide state funding for repairs, rehabilitation, enhancements, and other dam safety projects at existing state jurisdictional dams and associated facilities that were in service prior to January 1, 2023, subject to prescribed criteria. This bill would include the removal of project facilities as additional projects eligible to receive funding under the program.

Position**Priority****Due Date**

Watch-Key

AB 270 (Petrie-Norris D) Department of Forestry and Fire Protection: autonomous firefighting pilot project.**Current Text:** Amended: 5/5/2025 [html](#) [pdf](#)**Introduced:** 1/21/2025**Last Amend:** 5/5/2025**Status:** 5/23/2025-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/14/2025)(May be acted upon Jan 2026)**Is Fiscal:** Y

Summary: Would require the Department of Forestry and Fire Protection to establish a pilot project to assess whether a firefighting helicopter equipped with autonomous aerial suppression technology can be transitioned into operational use in the State of California. The bill would also require the department to invite local, state, tribal, and federal fire agencies to participate in those familiarization and training activities. The bill would require the department to convene, within 60 days of completion of the pilot project, or January 1, 2029, whichever comes first, leading fire professionals in California to assess the performance of the pilot project and, if the pilot project meets its objectives, determine how to incorporate autonomous aerial suppression technology into existing state wildfire mitigation efforts. The bill would require an operator of autonomous aerial suppression technology that is part of the pilot project and that is required to submit reports to local or federal agencies about autonomous aerial suppression technology to also provide those reports to the department and the Legislature, as provided. The bill would include related legislative findings.

Position**Priority****Due Date**

Watch-Key

AB 273 (Sanchez R) Greenhouse Gas Reduction Fund: high-speed rail: infrastructure improvements.**Current Text:** Introduced: 1/21/2025 [html](#) [pdf](#)**Introduced:** 1/21/2025**Status:** 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was TRANS. on 2/18/2025) (May be acted upon Jan 2026)**Is Fiscal:** Y

Summary: The California Global Warming Solutions Act of 2006 authorizes the State Air Resources Board to include in its regulation of greenhouse gas emissions the use of market-based compliance mechanisms. Current law requires all moneys, except for fines and penalties, collected by the state board from the auction or sale of allowances as part of a market-based compliance mechanism to be deposited in the Greenhouse Gas Reduction Fund. Current law continuously appropriates 25% of the annual proceeds of the fund to the High-Speed Rail Authority for certain purposes. This bill would eliminate the continuous appropriation of 25% of the annual proceeds of the Greenhouse Gas Reduction Fund to the High-Speed Rail Authority on June 30, 2026. The bill, beginning with the 2026-27 fiscal year, would instead require 25% of the annual proceeds of the Greenhouse Gas Reduction Fund to be transferred to the General Fund and for those moneys, upon appropriation, to be used to

augment funding provided to local governments to improve infrastructure.

Position **Priority**

Due Date

Watch-Key

AB 275 (Petrie-Norris D) Office of Emergency Services: wildfire aerial response program.

Current Text: Amended: 4/23/2025 [html](#) [pdf](#)

Introduced: 1/21/2025

Last Amend: 4/23/2025

Status: 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was U. & E. on 4/24/2025) (May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Would require the Office of Emergency Services, in consultation with the Department of Forestry and Fire Protection, to establish, on or before December 31, 2026, a working group to evaluate and develop recommendations for implementing a wildfire aerial response program to provide year-round, 24 hours per day, 7 days per week, rapid aerial suppression capabilities. The bill would require the working group to consider specified elements to ensure effective statewide aerial wildfire suppression and to develop recommendations, including whether the program should be implemented as a pilot program, a full-scale statewide initiative, or if implementation is not recommended based on feasibility findings. The bill would require the Director of Emergency Services, in consultation with the department, to appoint members to the working group who are familiar with wildfire aviation response programs, as provided. The bill would require the working group to report its findings and implementation recommendations to the Assembly Committee on Emergency Management and the Senate Committee on Governmental Organization on or before December 31, 2027, as provided.

Position **Priority**

Due Date

Watch-Key

AB 295 (Macedo R) California Environmental Quality Act: environmental leadership development projects: water storage, water conveyance, and groundwater recharge projects: streamlined review.

Current Text: Introduced: 1/23/2025 [html](#) [pdf](#)

Introduced: 1/23/2025

Status: 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 2/10/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: The Jobs and Economic Improvement Through Environmental Leadership Act of 2021 authorizes the Governor, until January 1, 2032, to certify environmental leadership development projects that meet specified requirements for certain streamlining benefits related to the California Environmental Quality Act (CEQA). The act, among other things, requires a lead agency to prepare the record of proceedings for an environmental leadership development project, as provided, and to provide a specified notice within 10 days of the Governor certifying the project. The act is repealed by its own term on January 1, 2034. This bill would extend the application of the act to water storage projects, water conveyance projects, and groundwater recharge projects that provide public benefits and drought preparedness. Because a lead agency would be required to prepare the record of proceedings for water storage projects, water conveyance projects, and groundwater recharge projects pursuant to the act, this bill would impose a state-mandated local program.

Position **Priority**

Due Date

Watch-Key

AA - No Folder

AB 307 (Petrie-Norris D) Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024: Department of Forestry and Fire Protection: fire camera mapping system.

Current Text: Introduced: 1/23/2025 [html](#) [pdf](#)

Introduced: 1/23/2025

Status: 5/1/2025-CORRECTION: Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. On 2/10/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: The Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024 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. Of these funds, the act makes available \$1,500,000,000, upon appropriation by the Legislature, for wildfire prevention, including, among other things, by making \$25,000,000 available, upon appropriation by the Legislature, to the Department of Forestry and Fire Protection for technologies that improve detection and assessment of new fire ignitions. This bill would require, of the \$25,000,000 made available to the department, \$10,000,000 be allocated for purposes of the ALERTCalifornia fire camera mapping system.

Position **Priority**

Due Date

Watch-Key

AB 339 **(Ortega D) Local public employee organizations: notice requirements.**

Current Text: Chaptered: 10/13/2025 [html](#) [pdf](#)

Chapter Number: 687

Introduced: 1/28/2025

Last Amend: 8/29/2025

Status: 10/13/2025-Approved by the Governor. Chaptered by Secretary of State - Chapter 687, Statutes of 2025.

Is Fiscal: Y

Summary: The Meyers-Milias-Brown Act contains various provisions that govern collective bargaining of local represented employees and delegates jurisdiction to the Public Employment Relations Board to resolve disputes and enforce the statutory duties and rights of local public agency employers and employees. Current law requires the governing body of a public agency to meet and confer in good faith regarding wages, hours, and other terms and conditions of employment with representatives of recognized employee organizations. Current law requires the governing body of a public agency, and boards and commissions designated by law or by the governing body, to give reasonable written notice, except in cases of emergency, as specified, to each recognized employee organization affected of any ordinance, rule, resolution, or regulation directly relating to matters within the scope of representation proposed to be adopted by the governing body or the designated boards and commissions. This bill would require the governing body of a public agency, and boards and commissions designated by law or by the governing body of a public agency, to give the recognized employee organization no less than 45 days' written notice before issuing a request for proposals, request for quotes, or renewing or extending an existing contract to perform services that are within the scope of work of the job classifications represented by the recognized employee organization, subject to certain exceptions. The bill would require the notice to include specified information, including the anticipated duration of the contract.

Position **Priority**

Due Date

Watch-Key

AB 372 **(Bennett D) Office of Emergency Services: state matching funds: water system infrastructure improvements.**

Current Text: Amended: 8/29/2025 [html](#) [pdf](#)

Introduced: 2/3/2025

Last Amend: 8/29/2025

Status: 9/11/2025-Failed Deadline pursuant to Rule 61(a)(14). (Last location was INACTIVE FILE on 9/3/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Current law charges the Office of Emergency Services (OES) with coordinating various emergency activities within the state. The California Emergency Services Act, contingent upon an appropriation by the Legislature, requires the OES to enter into a joint powers agreement pursuant to the Joint Exercise of Powers Act with the Department of Forestry and Fire Protection to develop and administer a comprehensive wildfire mitigation program relating to structure hardening and retrofitting and prescribed fuel modification activities. Current law authorizes the joint powers authority to establish financial assistance limits and matching funding or other recipient contribution requirements for the program, as provided. This bill, contingent upon appropriation by the Legislature, would establish the Rural Water Infrastructure for Wildfire Resilience Program within the OES for the distribution of state matching funds to urban wildland interface communities, as defined, in designated high fire hazard severity zones or very high fire hazard severity zones to improve water system infrastructure, as prescribed. The bill would require the OES to work in coordination with the Department of Water Resources, the State Water Resources Control Board, the Office of the State Fire Marshal, and other state entities as the OES determines to be appropriate, to achieve the purposes of the program.

Position **Priority**

Due Date

AB 428 (Rubio, Blanca D) Joint powers agreements: water corporations.**Current Text:** Chaptered: 10/1/2025 [html](#) [pdf](#)**Chapter Number:** 151**Introduced:** 2/5/2025**Last Amend:** 3/28/2025**Status:** 10/1/2025-Chaptered by Secretary of State - Chapter 151, Statutes of 2025**Is Fiscal:** Y

Summary: The Joint Exercise of Powers Act authorizes 2 or more public agencies, if authorized by their governing bodies, by agreement to jointly exercise any power common to the contracting parties. Current law authorizes 2 or more local public entities, or a mutual water company, as defined, and a public agency, to provide insurance, as specified, by a joint powers agreement. Current law authorizes a mutual water company and a public agency to enter into a joint powers agreement for the purposes of risk pooling, as specified. This bill would authorize a water corporation, as defined, a mutual water company, and one or more public agencies to provide insurance, as specified, by a joint powers agreement. The bill would also authorize a water corporation, a mutual water company, and one or more public agencies to enter into a joint powers agreement for the purposes of risk pooling, as specified. The bill would prohibit the Public Utilities Commission from allowing a water corporation to join a joint powers agency for insurance coverage if there are no greater benefits to the customers of the water corporation than are provided by the water corporation's current insurance policy.

Position**Priority****Due Date**

Watch-Key

AB 430 (Alanis R) State Water Resources Control Board: emergency regulations.**Current Text:** Amended: 5/1/2025 [html](#) [pdf](#)**Introduced:** 2/5/2025**Last Amend:** 5/1/2025**Status:** 5/23/2025-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/14/2025)(May be acted upon Jan 2026)**Is Fiscal:** Y

Summary: Current law provides that an emergency regulation adopted by the State Water Resources Control Board following a Governor's proclamation of a state of emergency based on drought conditions, for which the board makes specified findings, may remain in effect for up to one year, as provided, and may be renewed if the board determines that specified conditions relating to precipitation are still in effect. This bill would require the board, within 180 days following a finding by the board that a nonfee emergency regulation is no longer necessary, as provided, to conduct a comprehensive economic study assessing the impacts of the regulation, as specified.

Position**Priority****Due Date**

Watch-Key

AB 514 (Petrie-Norris D) Water: emergency water supplies.**Current Text:** Amended: 5/1/2025 [html](#) [pdf](#)**Introduced:** 2/10/2025**Last Amend:** 5/1/2025**Status:** 5/23/2025-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/14/2025)(May be acted upon Jan 2026)**Is Fiscal:** Y

Summary: Would declare that it is the established policy of the state to encourage, but not mandate, the development of emergency water supplies by both local and regional water suppliers, as defined, and to support their use during times of drought or unplanned service or supply disruption, as provided.

Position**Priority****Due Date**

Watch-Key

AB 532 (Ransom D) Water rate assistance program.**Current Text:** Amended: 7/17/2025 [html](#) [pdf](#)**Introduced:** 2/11/2025

Last Amend: 7/17/2025

Status: 8/29/2025-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 8/18/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Current federal law, the Consolidated Appropriations Act, 2021 requires the federal Department of Health and Human Services to carry out a Low-Income Household Drinking Water and Wastewater Emergency Assistance Program, which is also known as the Low Income Household Water Assistance Program, for making grants to states and Indian tribes to assist low-income households that pay a high proportion of household income for drinking water and wastewater services, as provided. Current law requires the Department of Community Services and Development to administer the Low Income Household Water Assistance Program in this state, and to receive and expend moneys appropriated and allocated to the state for purposes of that program, pursuant to the above-described federal law. The Low Income Household Water Assistance Program was only operative until March 31, 2024. This bill would repeal the above-described requirements related to the Low Income Household Water Assistance Program.

Position

Priority

Due Date

Watch-Key

AB 550

(Petrie-Norris D) The California Endangered Species Act: take of species: renewable electrical generation facilities.

Current Text: Amended: 5/6/2025 [html](#) [pdf](#)

Introduced: 2/11/2025

Last Amend: 5/6/2025

Status: 7/17/2025-Failed Deadline pursuant to Rule 61(a)(10). (Last location was N.R. & W. on 6/11/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: The California Endangered Species Act prohibits the taking of an endangered, threatened, or candidate species, except as specified. Under the act, the Department of Fish and Wildlife may authorize the take of listed species by certain entities through permits or memorandums of understanding for specified purposes. The act allows take by permit if, among other things, the impact of the authorized take is fully minimized and mitigated. This bill would provide that if an at-risk species, as defined, becomes listed as an endangered, threatened, or candidate species, further authorization or approval shall not be required for a take of that species, if specified conditions are met, including that the potential listing of the at-risk species was anticipated in a permit previously issued by the department for incidental take caused by a renewable electrical generation facility. The bill would authorize the department, in partnership with a permit applicant for an incidental take caused by a renewable electrical generation facility, to develop a research project that evaluates specified factors. The bill would authorize a research project reviewed and approved by the department to contribute to a renewable electrical generation project's mitigation, as provided.

Position

Priority

Due Date

Watch-Key

AB 569

(Stefani D) California Public Employees' Pension Reform Act of 2013: exceptions: supplemental defined benefit plans.

Current Text: Amended: 4/24/2025 [html](#) [pdf](#)

Introduced: 2/12/2025

Last Amend: 4/24/2025

Status: 5/23/2025-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/21/2025)(May be acted upon Jan 2026)

Is Fiscal: N

Summary: The California Public Employees' Pension Reform Act of 2013 (PEPRA) on and after January 1, 2013, requires a public retirement system, as defined, to modify its plan or plans to comply with PEPRA, as specified. PEPRA prohibits a public employer from offering a defined benefit pension plan exceeding specified retirement formulas, requires new members of public retirement systems to contribute at least a specified amount of the normal cost, as defined, for their defined benefit plans, and prohibits an enhancement of a public employee's retirement formula or benefit adopted after January 1, 2013, from applying to service performed prior to the operative date of the enhancement. PEPRA prohibits a public employer from offering a supplemental defined benefit plan if the public employer did not do so before January 1, 2013, or, if it did, from offering that plan to an additional employee group after that date. This bill would authorize a public employer, as defined, to bargain over contributions for supplemental retirement benefits administered by, or on behalf of, an exclusive bargaining representative of one or more of the public employer's bargaining units, subject to the limitations specified above.

Position **Priority**

Due Date

Watch-Key

[AB 620](#)

([Jackson D](#)) Medium- and Heavy-Duty Zero-Emission Vehicle Fleet Purchasing Assistance Program: rental vehicles.

Current Text: Vetoed: 10/3/2025 [html](#) [pdf](#)

Introduced: 2/13/2025

Status: 10/3/2025-Vetoed by Governor.

Is Fiscal: Y

Summary: Current law establishes the Medium- and Heavy-Duty Zero-Emission Vehicle Fleet Purchasing Assistance Program (program) within the Air Quality Improvement Program to make financing tools and nonfinancial supports available to operators of medium- and heavy-duty vehicle fleets to enable those operators to transition their fleets to zero-emission vehicles. This bill, for any regulation adopted to develop or implement the program, or other regulations that are regarding the procurement or use of medium- and heavy-duty zero-emission vehicles by a public or private fleet, would require the state board to consider specified things, including, among other things, the environmental and supply chain benefits of renting medium- and heavy-duty zero-emission vehicles compared to procuring them.

Position **Priority**

Due Date

Watch-Key

[AB 874](#)

([Ávila Farías D](#)) Mitigation Fee Act: waiver of fees: affordable rental housing.

Current Text: Introduced: 2/19/2025 [html](#) [pdf](#)

Introduced: 2/19/2025

Status: 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was L. GOV. on 3/10/2025) (May be acted upon Jan 2026)

Is Fiscal: Y

Summary: 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 waive fees or charges that are collected by a local agency to fund the construction of public improvements or facilities for residential developments subject to a regulatory agreement with a public entity, as provided, that includes certain income and affordability requirements.

Position **Priority**

Due Date

Watch-Key

[AB 1146](#)

([Papan D](#)) Water infrastructure: dams and reservoirs: water release: false pretenses.

Current Text: Amended: 6/23/2025 [html](#) [pdf](#)

Introduced: 2/20/2025

Last Amend: 6/23/2025

Status: 8/29/2025-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 8/18/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Would prohibit the release of stored water from a reservoir owned and operated by the United States in this state if the release is done under false pretenses, which the bill would define to mean a release of water from a reservoir owned and operated by the United States in a manner that is knowingly, designedly, and intentionally under any false or fraudulent representation as to the purpose and intended use of the water. The bill would authorize the State Water Resources Control Board or the Attorney General, as provided, to bring an action for injunctive relief for a violation of the above-described prohibition. By expanding the scope of a crime, the bill would impose a state-mandated local program.

Position	Priority	Due Date
Watch-Key	AA--Coalition	

[AB 1295](#) ([Patterson R](#)) Public utilities: bills and notices: consolidation and transparency.
Current Text: Amended: 4/22/2025 [html](#) [pdf](#)
Introduced: 2/21/2025
Last Amend: 4/22/2025
Status: 5/23/2025-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/14/2025)(May be acted upon Jan 2026)
Is Fiscal: Y
Summary: Current law vests the Public Utilities Commission with regulatory authority over public utilities, including electrical corporations and gas corporations. Current law authorizes the commission to fix the rates and charges for every public utility and requires that those rates and charges be just and reasonable. This bill would require the commission, on or before June 1, 2026, to evaluate all customer billing and noticing requirements existing on January 1, 2026, that apply to gas or electric utilities, and to identify and consider potential avenues to consolidate and enhance billing transparency, including avenues that clearly show the source and value of each charge within each customer's bill, as specified, and use the most cost-effective communications channels, as provided. The bill would authorize the commission to seek and consider input from utilities and other relevant stakeholders to inform its evaluation and identification and consideration of potential avenues to consolidate notices and enhance billing transparency.

Position	Priority	Due Date
Watch-Key		

[AB 1319](#) ([Schultz D](#)) Protected species: California Endangered Species Act.
Current Text: Chaptered: 10/11/2025 [html](#) [pdf](#)
Chapter Number: 638
Introduced: 2/21/2025
Last Amend: 9/5/2025
Status: 10/11/2025-Approved by the Governor. Chaptered by Secretary of State - Chapter 638, Statutes of 2025.
Is Fiscal: Y
Summary: Existing law makes it unlawful to take a bird, mammal, fish, reptile, or amphibian, except as authorized by law. This bill would make it unlawful for a person in California to import, cause to be imported, export, cause to be exported, transport, sell, offer for sale, possess with the intent to sell, receive, acquire, or purchase any fish, wildlife, or plant that was taken, possessed, transported, or sold in violation of any law or statute of any state or any law, treaty, or statute of the United States with regard to fish, wildlife, or plants in effect on January 19, 2025. The bill would, upon conviction or other entry of judgment, require any seized evidence be forfeited, as specified. The bill would make these provisions inoperative on December 31, 2031, and would repeal them on January 1, 2032. This bill contains other related provisions and other existing laws.

Position	Priority	Due Date
Watch-Key		

[AB 1337](#) ([Ward D](#)) Information Practices Act of 1977.
Current Text: Amended: 5/23/2025 [html](#) [pdf](#)
Introduced: 2/21/2025
Last Amend: 5/23/2025
Status: 7/17/2025-Failed Deadline pursuant to Rule 61(a)(10). (Last location was JUD. on 6/11/2025) (May be acted upon Jan 2026)
Is Fiscal: Y
Summary: Existing law, the Information Practices Act of 1977, prescribes a set of requirements, prohibitions, and remedies applicable to agencies, as defined, with regard to their collection, storage, and disclosure of personal information, as defined. Existing law exempts from the provisions of the act counties, cities, any city and county, school districts, municipal corporations, districts, political subdivisions, and other local public agencies, as specified. This bill would recast those provisions to, among other things, remove that exemption for local agencies, and would revise and expand the definition of "personal information." The bill would make other technical, nonsubstantive, and conforming changes. Because the bill would expand the duties of local officials, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

Position **Priority**

Due Date

Watch-Key

[AB 1469](#) (Hart D) Disaster preparedness: public water systems.

Current Text: Introduced: 2/21/2025 [html](#) [pdf](#)

Introduced: 2/21/2025

Status: 5/8/2025-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 2/21/2025)
(May be acted upon Jan 2026)

Is Fiscal: N

Summary: The California Emergency Services Act requires all public water systems, as defined, with 10,000 or more service connections to review and revise their disaster preparedness plans in conjunction with related agencies, including, but not limited to, local fire departments and the Office of Emergency Services to ensure that the plans are sufficient to address possible disaster scenarios. Current law requires these public water systems to, following a declared state of emergency, furnish an assessment of their emergency response and recommendations to the Legislature within 6 months after each disaster, and to implement the recommendations in a timely manner. Current law requires the office to establish emergency response and recovery plans in coordination with these public water systems. This bill would make nonsubstantive changes to those provisions.

Position **Priority**

Due Date

Watch-Key

[ACA 1](#) (Valencia D) Public finance.

Current Text: Introduced: 12/2/2024 [html](#) [pdf](#)

Introduced: 12/2/2024

Status: 1/29/2025-Introduced measure version corrected.

Is Fiscal: Y

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.

Position **Priority**

Due Date

Watch-Key

[ACA 11](#) (Macedo R) California Water Resiliency Act.

Current Text: Introduced: 3/24/2025 [html](#) [pdf](#)

Introduced: 3/24/2025

Status: 3/25/2025-From printer. May be heard in committee April 24.

Is Fiscal: Y

Summary: 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**

Due Date

Watch-Key

[ACR 32](#) (Carrillo D) March4Water Month.

Current Text: Introduced: 2/13/2025 [html](#) [pdf](#)

Introduced: 2/13/2025

Status: 9/13/2025-Ordered to inactive file at the request of Senator Grayson.

Is Fiscal: N

Summary: Would declare the month of March to be March4Water Month in California and would encourage all Californians to participate in activities and programs during March4Water Month to promote awareness, education, and actions that prioritize water as a vital resource for the state's future.

Position	Priority	Due Date
Watch-Key		

SB 31

(McNerney D) Water quality: recycled water.

Current Text: Chaptered: 10/13/2025 [html](#) [pdf](#)

Chapter Number: 736

Introduced: 12/2/2024

Last Amend: 6/9/2025

Status: 10/13/2025-Approved by the Governor. Chaptered by Secretary of State. Chapter 736, Statutes of 2025.

Is Fiscal: Y

Summary: The Water Recycling Law generally provides for the use of recycled water. Current law requires any person who, without regard to intent or negligence, causes or permits an unauthorized discharge of 50,000 gallons or more of recycled water in or on any waters of the state to immediately notify the appropriate regional water board. This bill would, for the purposes of the above provision, redefine "recycled water" and provide that water discharged from a decorative body of water during storm events is not to be considered an unauthorized discharge if recycled water was used to restore levels due to evaporation.

Position	Priority	Due Date
Watch-Key	AA - No Folder	

SB 74

(Seyarto R) Office of Land Use and Climate Innovation: Infrastructure Gap-Fund Program.

Current Text: Amended: 4/7/2025 [html](#) [pdf](#)

Introduced: 1/15/2025

Last Amend: 4/7/2025

Status: 8/28/2025-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 7/2/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Current law establishes the Office of Land Use and Climate Innovation in the Governor's office for the purpose of serving the Governor and the Governor's cabinet as staff for long-range planning and research and constituting the comprehensive state planning agency. Current law authorizes a local agency to finance infrastructure projects through various means, including by authorizing a city or county to establish an enhanced infrastructure financing district to finance public capital facilities or other specified projects of communitywide significance that provide significant benefits to the district or the surrounding community. This bill would require the office, upon appropriation by the Legislature, to establish the Infrastructure Gap-Fund Program to provide grants to local agencies for the development and construction of infrastructure projects, as defined, facing unforeseen costs after starting construction. The bill would authorize the office to provide funding for up to 20% of a project's additional projected cost, as defined, after the project has started construction, subject to specified conditions, including, among other things, that the local agency has allocated existing local tax revenue for at least 45% of the initially budgeted total cost of the infrastructure project. When applying to the program, the bill would require the local agency to demonstrate challenges with completing the project on time and on budget and how the infrastructure project helps meet state and local goals, as specified.

Position	Priority	Due Date
Watch-Key		

SB 90

(Seyarto R) Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024: grants: improvements to public evacuation routes: mobile rigid water storage: electrical generators.

Current Text: Amended: 3/12/2025 [html](#) [pdf](#)

Introduced: 1/22/2025

Last Amend: 3/12/2025

Status: 5/23/2025-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/5/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: The Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024, 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. The act makes \$135,000,000 available, upon appropriation by the Legislature, to the Office of Emergency Services for a wildfire mitigation grant program to provide, among other things, loans, direct assistance, and matching funds for projects that prevent wildfires, increase resilience, maintain existing wildfire risk reduction projects, reduce the risk of wildfires to communities, or increase home or community hardening. The act provides that eligible projects include, but are not limited to, grants to local agencies, state agencies, joint powers authorities, tribes, resource conservation districts, fire safe councils, and nonprofit organizations for structure hardening of critical community infrastructure, wildfire smoke mitigation, evacuation centers, including community clean air centers, structure hardening projects that reduce the risk of wildfire for entire neighborhoods and communities, water delivery system improvements for fire suppression purposes for communities in very high or high fire hazard areas, wildfire buffers, and incentives to remove structures that significantly increase hazard risk. This bill would include in the list of eligible projects grants to the above-mentioned entities for improvements to public evacuation routes in very high and high fire hazard severity zones, mobile rigid dip tanks, as defined, to support firefighting efforts, prepositioned mobile rigid water storage, as defined, and improvements to the response and effectiveness of fire engines and helicopters.

Position	Priority	Due Date
Watch-Key		

SB 224 (Hurtado D) Department of Water Resources: water supply forecasting.

Current Text: Vetoed: 10/3/2025 [html](#) [pdf](#)

Introduced: 1/27/2025

Last Amend: 9/2/2025

Status: 10/3/2025-Vetoed by the Governor. In Senate. Consideration of Governor's veto pending.

Is Fiscal: Y

Summary: Current law requires the Department of Water Resources to gather and correlate information and data pertinent to an annual forecast of seasonal water crop. Current law also requires the department to update every 5 years the plan for the orderly and coordinated control, protection, conservation, development, and use of the water resources of the state, which is known as "The California Water Plan." This bill would require the department, on or before January 1, 2027, to update its water supply forecasting models and procedures to address the effects of climate change and implement a formal policy and procedures for documenting the department's operational plans and the department's rationale for its operating procedures, including the department's rationale for water releases from reservoirs. The bill would also require the department to establish, and publish on the department's internet website, the specific criteria that it will employ to determine when its updated water supply forecasting model has demonstrated sufficient predictive capability to be ready for use in each of the watersheds. The bill would require the department, on or before January 1, 2028, and annually thereafter, to prepare and submit to the Legislature a report on its progress toward implementing the new forecasting model and to post the report on the department's internet website.

Position	Priority	Due Date
Watch-Key		

SB 231 (Seyarto R) California Environmental Quality Act: the Office of Land Use and Climate Innovation: technical advisory.

Current Text: Amended: 3/20/2025 [html](#) [pdf](#)

Introduced: 1/28/2025

Last Amend: 3/20/2025

Status: 5/23/2025-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/7/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: The California Environmental Quality Act (CEQA) requires a lead agency to prepare a mitigated negative declaration for a project that may have a significant effect on the environment if revisions in the project would avoid or mitigate that effect and there is no substantial evidence that the project, as revised, would have a significant effect on the environment. Under current law, the

recommendation, continuous evaluation, and execution of statewide environmental goals, policies, and plans are included within the scope of the executive functions of the Governor. Current law establishes the Office of Land Use and Climate Innovation in the Governor's office for the purpose of serving the Governor and the Governor's cabinet as staff for long-range planning and research and constituting the comprehensive state planning agency. This bill would require, on or before July 1, 2027, the Office of Land Use and Climate Innovation to consult with regional, local, state, and federal agencies to develop a technical advisory on thresholds of significance for greenhouse gas and noise pollution effects on the environment to assist local agencies. The bill would require the technical advisory to provide suggested thresholds of significance for all areas of the state, as specified, and would provide that lead agencies may elect to adopt these suggested thresholds of significance. The bill would also require the Office of Land Use and Climate Innovation to post the technical advisory on its internet website.

Position	Priority	Due Date
Watch-Key		

SB 232 (Sevarto R) California Environmental Quality Act: guidelines: study.

Current Text: Amended: 3/20/2025 [html](#) [pdf](#)

Introduced: 1/28/2025

Last Amend: 3/20/2025

Status: 5/23/2025-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/7/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: The California Environmental Quality Act (CEQA) requires the Office of Land Use and Climate Innovation, formerly named the Office of Planning and Research, to prepare and develop, and the Secretary of the Natural Resources Agency to certify and adopt, guidelines for the implementation of CEQA. The CEQA guidelines require a lead agency, immediately after deciding that an environmental impact report is required for a project, to send a notice of preparation stating that an environmental impact report will be prepared to the office and each responsible and trustee agency, as specified. This bill would require the office to conduct a study to, among other things, evaluate how locked-in guidelines could impact regulatory certainty for future project proponents, lead agencies, and stakeholders and assess how locked-in guidelines could affect the speed and efficiency of the environmental review process pursuant to CEQA. The bill would define "locked-in guidelines" as CEQA guidelines, that are in effect at the time of the first issuance of the notice of preparation for a project, that apply to the project throughout the course of the environmental review process pursuant to CEQA, regardless of changes in the guidelines that occur after the first issuance of the notice of preparation. The bill would require, on or before January 1, 2027, the office to submit a report to the Governor and the Legislature on the study. The bill would repeal these provisions on January 1, 2028.

Position	Priority	Due Date
Watch-Key		

SB 268 (Choi R) Income taxes: gross income exclusions: state of emergency: natural disaster settlements.

Current Text: Amended: 5/7/2025 [html](#) [pdf](#)

Introduced: 2/3/2025

Last Amend: 5/7/2025

Status: 5/23/2025-May 23 hearing: Held in committee and under submission.

Is Fiscal: Y

Summary: Would, for taxable years beginning on or after January 1, 2025, and before January 1, 2030, provide an exclusion from gross income for amounts received from a settlement entity, as defined, by a qualified taxpayer, as defined, to replace property that is located in a city or county in this state and that was damaged or destroyed by a disaster or accidental or human-caused event for which a state of emergency or local emergency, as defined, was proclaimed.

Position	Priority	Due Date
Watch-Key		

SB 280 (Cervantes D) Elections.

Current Text: Chaptered: 8/21/2025 [html](#) [pdf](#)

Chapter Number: 97

Introduced: 2/5/2025

Last Amend: 8/18/2025

Status: 8/21/2025-Chaptered by Secretary of State - Chapter 97, Statutes of 2025

Is Fiscal: Y

Summary: Current law authorizes a candidate for elective office to submit a petition containing a specified number of signatures in lieu of all or part of the fee for filing nomination papers. Current law requires the Secretary of State to make forms for securing signatures available to each candidate commencing 60 days before the first day for circulating nomination papers, except as specified, and requires candidates to file in-lieu-filing-fee petitions at least 30 days before the close of the nomination period. This bill, for the June 2, 2026, statewide direct primary election, would require the Secretary of State to make those forms available beginning December 19, 2025.

Position

Priority

Due Date

Watch-Key

SB 470

(Laird D) Bagley-Keene Open Meeting Act: teleconferencing.

Current Text: Chaptered: 10/1/2025 [html](#) [pdf](#)

Chapter Number: 222

Introduced: 2/19/2025

Last Amend: 4/10/2025

Status: 10/1/2025-Chaptered by Secretary of State - Chapter 222, Statutes of 2025

Is Fiscal: Y

Summary: Existing law, the Bagley-Keene Open Meeting Act, requires, with specified exceptions, that all meetings of a state body be open and public and all persons be permitted to attend any meeting of a state body. The act authorizes meetings through teleconference subject to specified requirements, including, among others, that the state body post agendas at all teleconference locations, that each teleconference location be identified in the notice and agenda of the meeting or proceeding, that each teleconference location be accessible to the public, that the agenda provide an opportunity for members of the public to address the state body directly at each teleconference location, and that at least one member of the state body be physically present at the location specified in the notice of the meeting. This bill would instead repeal these provisions on January 1, 2030.

Position

Priority

Due Date

Watch-Key

SB 474

(Niello R) State Air Resources Board: regulatory authority: revocation.

Current Text: Introduced: 2/19/2025 [html](#) [pdf](#)

Introduced: 2/19/2025

Status: 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.Q. on 2/26/2025) (May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Would revoke all authority of the State Air Resources Board to adopt, revise, or repeal regulations and would declare that any law granting authority to or requiring the state board to adopt, revise, or repeal regulations, or take an action that requires exercising regulatory authority, instead be read as only authorizing the state board to provide advice and propose measures to the Legislature for statutory enactment. The bill would require the state board to, as necessary, provide advice and propose measures to the Legislature for statutory enactment regarding its duties, as provided. The bill would declare that it does not invalidate or repeal any regulation adopted by the state board before January 1, 2026.

Position

Priority

Due Date

Watch-Key

SB 614

(Stern D) Public resources: transportation of carbon dioxide.

Current Text: Chaptered: 10/10/2025 [html](#) [pdf](#)

Chapter Number: 529

Introduced: 2/20/2025

Last Amend: 9/5/2025

Status: 10/10/2025-Approved by the Governor. Chaptered by Secretary of State. Chapter 529, Statutes of 2025.

Is Fiscal: Y

Summary: The Elder California Pipeline Safety Act of 1981 requires the State Fire Marshal to administer provisions regulating the inspection of intrastate pipelines that transport hazardous liquids. A person who willfully and knowingly violates the act or a regulation issued pursuant to the act is,

upon conviction, subject to a fine, imprisonment, or both a fine and imprisonment, as provided. This bill would revise the definition of "pipeline," for purposes of the act, to include intrastate pipelines used for the transportation of carbon dioxide. The bill would require the State Fire Marshal, by July 1, 2026, to adopt regulations governing the safe transportation of carbon dioxide in pipelines that, at a minimum, are as protective as certain draft regulations issued by the federal Pipeline and Hazardous Materials Safety Administration on January 10, 2025. The bill would authorize the State Fire Marshal to amend those regulations, as provided. The bill would prohibit the approval of a pipeline for use in transporting carbon dioxide if the pipeline is originally constructed to transport any other liquid or gas and would prohibit the construction of those pipelines using previously used pipe or components. The bill would prohibit an operator from constructing a pipeline transporting carbon dioxide in a location where one or more sensitive receptors, as defined, are located within the emergency planning zone of the pipeline, which is defined as an area within 2 miles of either side of the pipeline, except as provided. The bill would require an operator of a pipeline transporting carbon dioxide to submit to the State Fire Marshal and the public agency that is the lead agency for the project that includes the pipeline an emergency planning zone inventory and map, as provided, and would require the State Fire Marshal and the lead agency to review, at least once every 3 years, the inventory and map for completeness and accuracy. The bill would require the operator, at least once every 3 years, to provide to local governments providing emergency response services to sensitive receptors within an emergency planning zone the inventory and map determined by the State Fire Marshal and the lead agency to be complete and accurate and any updates to the inventory and map. The bill would require the State Fire Marshal and the lead agency to make publicly available on its internet website all inventories and maps determined to be current, complete, and accurate and would require the State Fire Marshal and the lead agency to redact any personally identifiable information from the publicly available inventories and maps. To the extent this requirement imposes additional duties on a local agency regarding the posting of, and the redaction of information from, the inventories and maps, this bill would impose a state-mandated local program. The bill would require the operator to annually provide the map to sensitive receptors within the emergency planning zone of the pipeline. The bill would authorize the State Fire Marshal, for a pipeline transporting carbon dioxide, to order a pipeline shutdown for violations of state or federal laws, or if continued pipeline operations present an immediate danger to health, welfare, or the environment. The bill would, in the event of a pipeline rupture, require the pipeline to remain nonoperational until an investigation into the pipeline rupture is completed and the origin and cause of the pipeline rupture is determined. Because the bill would expand the application of a crime to pipelines transporting carbon dioxide and because a violation of the regulations adopted by the State Fire Marshal related to pipelines transporting carbon dioxide would be a crime, the bill would impose a state-mandated local program. The bill would require that to be recognized by the state board for meeting any requirement under the California Global Warming Solutions Act of 2006, carbon dioxide transported by pipeline be transported only by pipelines meeting or exceeding the standards adopted by the State Fire Marshal. This bill contains other related provisions and other existing laws.

Position	Priority	Due Date
Watch-Key		

[SB 682](#) (Allen D) Environmental health: product safety: perfluoroalkyl and polyfluoroalkyl substances.
Current Text: Vetoes: 10/13/2025 [html](#) [pdf](#)
Introduced: 2/21/2025
Last Amend: 9/9/2025
Status: 10/13/2025-Vetoed by the Governor. In Senate. Consideration of Governor's veto pending.
Is Fiscal: Y
Summary: Would, on and after January 1, 2028, prohibit a person from distributing, selling, or offering for sale a cleaning product, dental floss, juvenile product, food packaging, or ski wax, as provided, that contains intentionally added perfluoroalkyl and polyfluoroalkyl substances (PFAS), as defined, except for previously used products and as otherwise preempted by federal law. The bill would, until January 1, 2031, exempt certain components of a cleaning product from this prohibition, as specified. The bill would clarify that, on and after January 1, 2028, a cleaning product is required to comply with certain regulations adopted by the California Air Resources Board regarding volatile organic compounds in consumer products and would prohibit the use of a regulatory variance to comply with those regulations, as specified. The bill would, on and after January 1, 2030, prohibit a person from distributing, selling, or offering for sale cookware that contains intentionally added PFAS, except for previously used products and as otherwise preempted by federal law. The bill would authorize the department, on or before January 1, 2029, to adopt regulations to carry out these provisions.

Position	Priority	Due Date
Watch-Key		

[SB 707](#) (Durazo D) Open meetings: meeting and teleconference requirements.

Current Text: Chaptered: 10/3/2025 [html](#) [pdf](#)

Chapter Number: 327

Introduced: 2/21/2025

Last Amend: 9/5/2025

Status: 10/3/2025-Chaptered by Secretary of State - Chapter 327, Statutes of 2025

Is Fiscal: Y

Summary: Existing law, the Ralph M. Brown Act, requires, with specified exceptions, that all meetings of a legislative body, as defined, of a local agency be open and public and that all persons be permitted to attend and participate. This bill would, beginning July 1, 2026, and until January 1, 2030, require an eligible legislative body, as defined, to comply with additional meeting requirements, including that, except as specified, all open and public meetings include an opportunity for members of the public to attend via a 2-way telephonic service or a 2-way audiovisual platform, as defined, and that the eligible legislative body take specified actions to encourage residents to participate in public meetings, as specified. The bill would require an eligible legislative body, on or before July 1, 2026, to approve at a noticed public meeting in open session a policy regarding disruption of telephonic or internet services occurring during meetings subject to these provisions, as specified, and would require the eligible legislative body to comply with certain requirements relating to disruption, including for certain disruptions, recessing the open session for at least one hour and making a good faith attempt to restore the service, as specified. This bill contains other related provisions and other existing laws.

Position

Priority

Due Date

Watch-Key

SB 724

(Richardson D) Public housing: lead testing.

Current Text: Amended: 5/5/2025 [html](#) [pdf](#)

Introduced: 2/21/2025

Last Amend: 5/5/2025

Status: 8/28/2025-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 8/20/2025)(May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Current law prohibits a person from using any pipe, pipe or plumbing fitting or fixture, solder, or flux that is not lead free in the installation or repair of any public water system or any plumbing in a facility providing water for human consumption, except when necessary for the repair of leaded joints of cast iron pipes. Current law requires a community water system to compile an inventory of known lead user service lines in use in its distribution system and identify areas that may have lead user service lines in use in its distribution system, as provided. This bill would require the owner of a public housing unit that is owned or managed by a city, county, city and county, or city, county, or city and county housing authority, to provide information to the residents of the public housing unit regarding any applicable existing program that offers free testing of the water for lead.

Position

Priority

Due Date

Watch-Key

SB 732

(Ochoa Bogh R) Emergency backup generators: critical facilities: exemptions.

Current Text: Introduced: 2/21/2025 [html](#) [pdf](#)

Introduced: 2/21/2025

Status: 5/1/2025-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.Q. on 3/12/2025) (May be acted upon Jan 2026)

Is Fiscal: Y

Summary: Current law imposes various limitations on emissions of air contaminants for the control of air pollution from vehicular and nonvehicular sources. Current law generally designates air pollution control and air quality management districts with the primary responsibility for the control of air pollution from all sources other than vehicular sources. Current law requires the State Air Resources Board to identify toxic air contaminants that are emitted into the ambient air of the state and to establish airborne toxic control measures to reduce emissions of toxic air contaminants from nonvehicular sources. This bill would require an air district without a specified rule on emergency backup generators, as defined, as of January 1, 2026, that adopts such a rule to include in the rule provisions that allow the operator of a critical facility, as defined, to use a permitted emergency backup generator in exceedance of the applicable runtime and testing and maintenance limits if specified conditions are met. The bill would require a critical facility allowed to exceed applicable limits under a rule adopted pursuant to that provision to attest to and provide evidence of having taken demonstrable steps toward implementing the use of backup power technologies that meet or exceed emission standards set by the state board.

Position **Priority**

Due Date

Watch-Key

SB 769 **(Caballero D) The Golden State Infrastructure Corporation Act.**

Current Text: Amended: 7/2/2025 [html](#) [pdf](#)

Introduced: 2/21/2025

Last Amend: 7/2/2025

Status: 9/4/2025-Ordered to inactive file on request of Assembly Member Aguiar-Curry.

Is Fiscal: Y

Summary: The Bergeson-Peace Infrastructure and Economic Development Bank Act authorizes the California Infrastructure and Economic Development Bank, governed by a board of directors, to make loans, issue bonds, and provide other financial assistance for various types of infrastructure and economic development projects. Current law establishes the California Infrastructure and Economic Development Bank Fund, a continuously appropriated fund, to support the bank. This bill would enact the Golden State Infrastructure Corporation Act and would establish the Golden State Infrastructure Corporation, within the State Treasurer's Office, as a not-for-profit corporation for the purpose of administering the act and financing infrastructure projects. The bill would require the corporation to be governed by a board of directors, with a prescribed membership, and would require the business and affairs of the corporation to be managed by an executive director appointed by the Treasurer. This bill would prescribe the powers and duties of the corporation, including entering into financing transactions, borrowing money or issuing bonds, and setting and charging fees for obtaining financing from the corporation. Under the bill, the state would not in any way be liable for any obligation of the corporation, and the corporation would not be required to pay any taxes, except as provided.

Position **Priority**

Due Date

Watch-Key

Total Measures: 62

Total Tracking Forms: 62



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Stacy Taylor, Water Policy Manager
DATE: October 22, 2025
SUBJECT: Orange County Update

RECOMMENDATION

Receive the Orange County 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 (i.e., County of Orange, Orange County Local Agency Formation Commission, etc.). At the Board's October 22, 2025 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; \$93,030 has been spent to date.

ATTACHMENTS

None.