MEETING OF THE BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
PLANNING & OPERATIONS COMMITTEE
18700 Ward Street, Conf. Room 101, Fountain Valley, CA 92708
June 2, 2025, 8:30 a.m.

Teleconference Sites:
25652 Paseo De La Paz, San Juan Capistrano, CA 92675
17420 Walnut Street, Fountain Valley, CA 92708
2800 Keller #301, Tustin, CA 92782

This meeting will be held in person at 18700 Ward Street, Fountain Valley, California, 92708 (Conference Room 101). As a convenience for the public, the meeting may also be accessed by Zoom Webinar and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the Zoom component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.

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

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

P&O Committee:
Director Seckel, Chair
Director Yoo Schneider
Director Dick

Staff: H. De La Torre, J. Berg, V. Osborn, T. Dubuque, D. Micalizzi, H. Baez, M. Baum-Haley, C. Busslinger, T. Baca, M. Goldsby, A. Crespi, K. Pham

Ex Officio Member: President McVicker

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

ROLL CALL

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

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

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

DISCUSSION ITEMS

1. FLUME, INC. WATER USE EFFICIENCY RESEARCH UPDATE

INFORMATION ITEMS (The following items are for informational purposes only – background information is included in the packet. Discussion is not necessary unless requested by a Director.)

2. WATER POLICY FORUM UPDATE

3. PUBLIC AFFAIRS HIGHLIGHTS

4. DEPARTMENT ACTIVITIES REPORTS
   a. Ongoing MWDOC Reliability and Engineering/Planning Projects
   b. WEROC
   c. Water Use Efficiency Projects
   d. Public and Government Affairs

5. REVIEW OF ISSUES RELATED TO PLANNING OR ENGINEERING PROJECTS, WEROC, WATER USE EFFICIENCY, FACILITY AND EQUIPMENT MAINTENANCE, WATER STORAGE, WATER QUALITY, CONJUNCTIVE USE PROGRAMS, EDUCATION, PUBLIC AFFAIRS PROGRAMS AND EVENTS, PUBLIC INFORMATION PROJECTS, PUBLIC INFORMATION CONSULTANTS, DISTRICT FACILITIES, and MEMBER AGENCY RELATIONS

ADJOURNMENT

NOTE: At the discretion of the Committee, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated, and may be subject to action by the Committee. On those items designated for Board action, the Committee reviews the items and makes a recommendation for final action to the full Board of Directors; final action will be taken by the Board of Directors. Agendas for Committee and Board meetings may be obtained from the District Secretary. Members of the public are advised that the Board consideration process includes consideration of each agenda item by one or more Committees indicated on the Board Action Sheet. Attendance at Committee meetings and the Board meeting considering an item consequently is advised.

Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

Item No. 1a

DISCUSSION ITEM
June 2, 2025

TO: **Planning & Operations Committee**
(Directors Seckel, Yoo Schneider, Dick)

FROM: **Harvey De La Torre, General Manager**

Staff Contact: Rachel Waite-Harvey, WUE Programs Supervisor
Joe Berg, Director of Water Use Efficiency

SUBJECT: **FLUME, INC. WATER USE EFFICIENCY RESEARCH UPDATE**

STAFF RECOMMENDATION

It is recommended that the Board of Directors discuss and file this information.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

In December 2024, the Board authorized staff to work with Flume, Inc. (Flume) on the second update of the Residential End Use Water Study, which extended the study data period an additional twenty-seven months, providing access to four years of Flume data covering January 2020 through December 2024.

This data is being used by the Engineering and Water Use Efficiency departments in the 2025 Urban Water Management Plan's Demand Forecasting efforts and to gauge retailer compliance with the Conservation as a California Way of Life water use reduction regulation, respectively.

Updates have also been made to the Flume Dashboard, the interactive online viewing tool. MWDOC and Flume staff have prepared a walk-through presentation to highlight how the data is utilized to visualize data trends and analyses.

Budgeted: ☐ Yes ☐ No ☒ N/A	Budgeted amount: N/A	Core: ☐	Choice: ☐
Action item amount: $0.00	Movement between funds: ☐ Yes ☐ No		

DETAILED REPORT

Flume smart water sensors are an innovative and practical technology to help water agencies understand residential water use. The Flume sensor attaches to most residential positive-displacement water meters and measures water use with extreme granularity at five-second intervals. This data is transmitted to an application installed on the user's smart device, allowing them to understand their water use better and receive leak alerts. Through partnerships with Flume, water utilities can also utilize aggregate data for leak detection, education and awareness, and even water demand forecasting.

The Board initially approved partnership with Flume in February 2020. MWDOC presented the initial aggregate water use results in February 2022. In December 2024, the Board authorized staff to expend $25,000 for the second update of the Residential End Uses of Water Study.

The update included the following key additions:

- The study period has been extended to an additional twenty-seven months from October 2022 through December 2024. The updated total study period encompasses four years of Flume data, spanning CY2020–2024.
- Additional Flumes were installed throughout Orange County during the twenty-seven-month period. These Flumes are now contributing to the aggregate data of Orange County and their respective geography boundaries, increasing the population size of various analyses.
- The Orange County Water District (OCWD) service area has been added as an additional filtering layer, allowing users to view indoor and outdoor water use specifically within this boundary.
- Residential landscape area measurements associated with Flume users have been updated to reflect the most current data. This landscape analysis was produced in partnership with the Santa Ana Watershed Project Authority (SAWPA) and the U.S. Bureau of Reclamation, utilizing high-resolution 2020 aerial imagery obtained through the Orange County Data Acquisition Partnership (OCDAP).

Flume data is accessible via the online, interactive data Dashboard, which is a crucial tool for the Engineering and Water Use Efficiency departments and staff's work associated with the 2025 Urban Water Management Plan Demand Forecasting efforts and gauging retailer compliance with the Conservation as a California Way of Life water use reduction regulation. Additionally, the Dashboard features an export option to incorporate data into other research/analyses.

With the completion of the second update, MWDOC staff will provide a presentation (attached) illustrating how the data support demand forecasting efforts and analyses related to the Conservation as a California Way of Life Framework. Flume staff will then provide a detailed walk-through of the dashboard, highlighting residential end uses of water and other key insights.

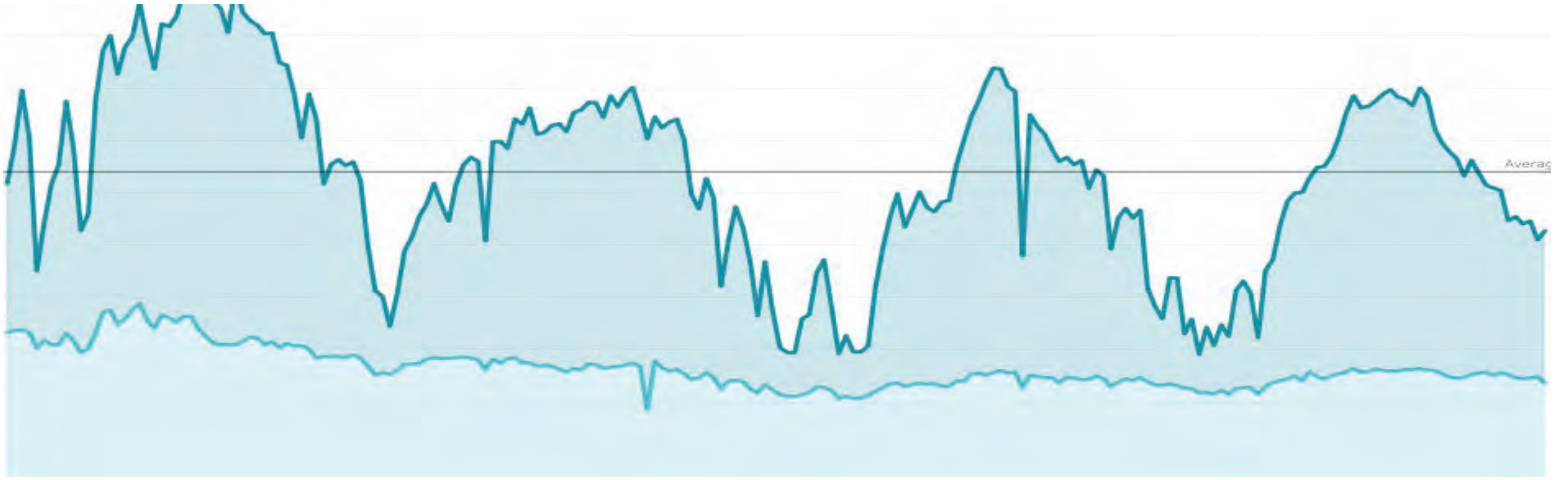
ALIGNMENT WITH BOARD STRATEGIC PRIORITIES

- ☒ *Clarifying MWDOC's mission and role; defining functions and actions.*
- ☐ *Balance support for Metropolitan's regional mission and Orange County values and interests.*
- ☒ *Strengthen communications and coordination of messaging.*
- ☒ *Work with member agencies to develop water supply and demand objectives.*
- ☒ *Solicit input and feedback from member agencies.*
- ☐ *Invest in workforce development and succession planning.*

List of Attachments/Links:

Attachment 1: Flume Updates & Data Insights Presentation

Link 1: https://flumewater.com/



Flume Updates & Data Insights

Rachel Waite-Harvey
Water Use Efficiency Programs Supervisor

June 2, 2025
Planning & Operations Committee
Municipal Water District of Orange County

Presentation Overview

1. Setting the Stage
2. New Updates
3. Data Use Highlights – *Demand Projections & Way of Life Framework*
4. Dashboard Demonstration by Flume Staff

Setting the stage

Things to keep in mind:

- Flumes are installed at single-family residential homes
- Flumes are installed at homes of a self-selecting population
- Users may lean more tech savvy or water conscientious
- The number of online flumes and new flumes added to population fluctuates over time
- **Flume data is an excellent tool for evaluating trends and patterns related to residential use**



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New Updates



- Additional 27 months of data through 2024
- 354 more Flumes installed contributing data
- OCWD Boundary as geography layer
- Updated landscape classification data



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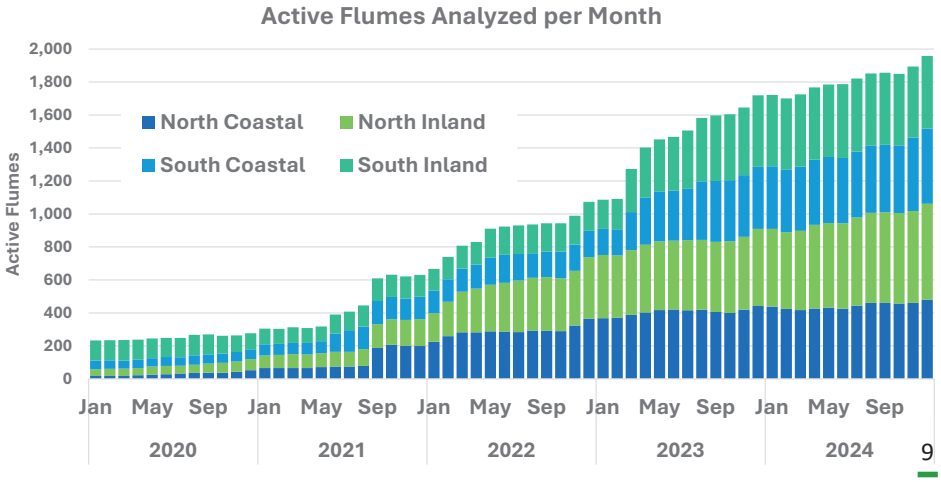

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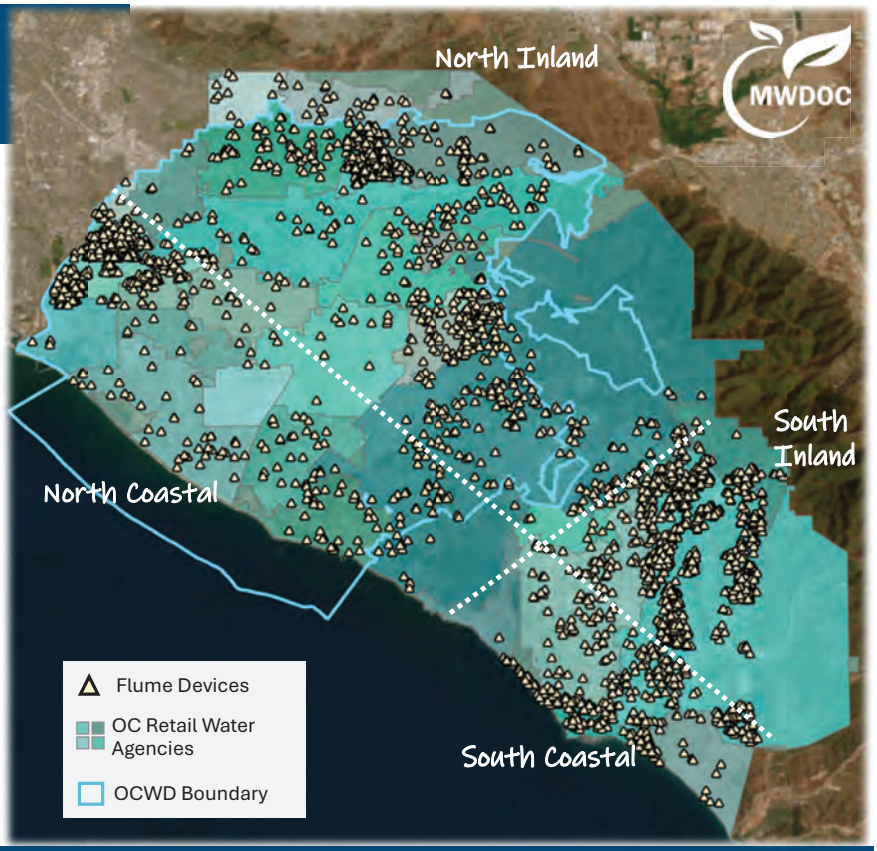

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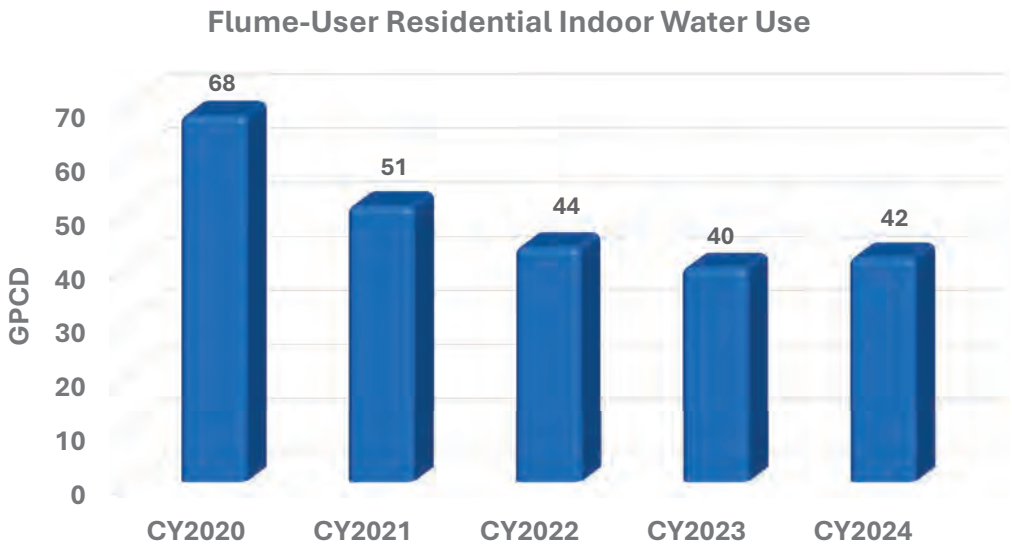
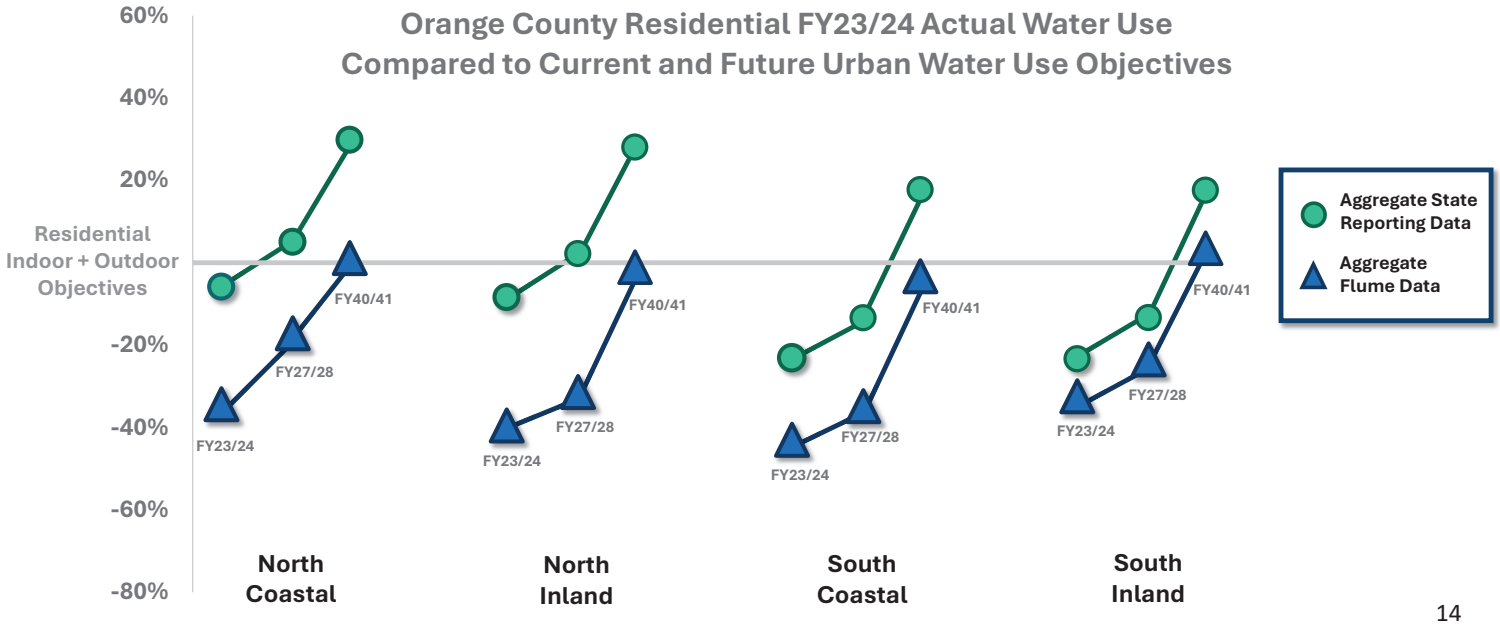
Data Highlight - Residential Indoor Trends

- Flume disaggregates indoor and outdoor water use
- **Supports demand forecasting efforts**
- Covid-19 pandemic impact and rebound



Data Highlight – Way of Life Framework



Thank you, the Flume Team will now demonstrate the interactive dashboard.

Rachel Waite-Harvey
WUE Programs Supervisor
(714) 593-5011
RWaite-Harvey@mwdoc.com

Item No. 2

INFORMATION ITEM
June 2, 2025

TO: **Planning & Operations Committee**
(Directors Seckel, Yoo Schneider, Dick)

FROM: **Harvey De La Torre, General Manager**

Staff Contact: Damon Micalizzi, Director of Public Affairs

SUBJECT: **Water Policy Forum Update**

STAFF RECOMMENDATION

It is recommended that the Board of Directors: Receive and file this report.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

MWDOC is proud to announce that the next Water Policy Forum & Dinner will be held on Thursday, June 26, 2025, at The Westin South Coast Plaza. We are privileged to welcome The Honorable Troy Edgar, Deputy Secretary of the U.S. Department of Homeland Security, as our confirmed keynote speaker. Deputy Secretary Edgar brings a distinctive blend of federal leadership and local governance experience, offering insights into national infrastructure security, emergency preparedness, and their implications for Southern California's water future.

Adding to the evening's significance, Orange County Sheriff Don Barnes will attend and deliver the Pledge of Allegiance, accompanied by the Sheriff's Color Guard, to open the evening's program.

ALIGNMENT WITH BOARD STRATEGIC PRIORITIES

- ☒ *Clarifying MWDOC's mission and role; defining functions and actions.*
- ☒ *Balance support for Metropolitan's regional mission and Orange County values and interests.*
- ☒ *Strengthen communications and coordination of messaging.*
- ☒ *Work with member agencies to develop water supply and demand objectives.*
- ☒ *Solicit input and feedback from member agencies.*
- ☐ *Invest in workforce development and succession planning.*

Budgeted: ☒ Yes ☐ No ☐ N/A	Budgeted amount:	Core: ☒	Choice: ☐
Action item amount: N/A	Movement between funds: ☐ Yes ☒ No		



SPEAKERS BUREAU:
PANEL MODERATOR

THE METROPOLITAN WD
INAUGURAL WORKFORCE
SUMMIT



WATER POLICY FORUM &
DINNER, JUNE 26
FEAT: HON. TROY EDGAR



28 TOTAL ATTENDEES

GIRL SCOUTS CLINIC W/
ORANGE COUNTY
WATER DISTRICT



2025 POSTER CONTEST
WINNER ANNOUNCEMENT

MWDOC.COM/
POSTERCONTEST

ORANGE COUNTY REGISTER
2025 CALIFORNIA WATER
OC EDITION

Featured Articles:

- A Leader in Water Use Efficiency and Conservation
- WEROC Focuses on Disaster Preparedness

Readership:

- ~60,000 e-subscribers
- 192,000 est. readership



MWDOC A Leader in Water Use Efficiency and Conservation

The persistent challenges of climate change and prolonged drought have made water conservation a top priority in California and Orange County. The Municipal Water District of Orange County (MWDOC) is meeting those challenges by helping its customers and suppliers make water use efficiency a way of life.

MWDOC develops, implements, and evaluates water use efficiency programs that significantly improve water supply reliability for Orange County. Water efficiency strategies are cost-effective, offer a reliable water supply, save energy, and reduce runoff and pollution. It's a win-win.

Senate Bill 606 and Assembly Bill 1668 are the laws that establish comprehensive water efficiency standards for urban and agricultural sectors. "This is the state's response to help water agencies prepare for climate change. By increasing our efficiency, we are going to be more prepared to deal with climate change," said Joe Berg, MWDOC's Director of Water Use Efficiency.

"The public has already demonstrated a strong commitment to be efficient. Our total water use today is less than it was in 1990 and we are supporting over three quarters of a million more people countywide. We can do this," Berg said.

He continued, "We do still need to reduce our water use and the area we need to do this in is landscaping. Exterior water use is up to 68 percent of residential water use for single-family homes. We're not saying don't have grass, we're saying have grass only in areas where you will use it. And check your irrigation system. Run it once a month and look for broken sprinkler heads and leaks, and adjust sprinkler heads to get that water off the sidewalks. Use smart timers. Let's reduce runoff and overspray, this also reduces pollution."

Orange County water suppliers have risen to meet the new water efficiency standards assigned by the State Water Resources Control Board (Water Board) by offering a variety of innovative programs and resources targeting both water suppliers and consumers county-wide. The standards assigned by the Water Board are tailored to each water agency's unique conditions, including climate, land use and population. Water suppliers are preparing detailed plans for drought and water shortages; and complying with annual reporting to the Water Board that demonstrates progress toward compliance by 2027.

Southern California has responded with a mix of infrastructure investments, community engagement, and policy enforcement. These include water recycling projects such as the Groundwater Replenishment System in Orange County, which turns wastewater into potable water by recycling all wastewater generated in North Orange County. Enhanced drought contingency plans and partnerships with technology companies

Finally, urban retail water suppliers will need compliance with the newer state standards be MWDOC is here to help, providing its member consultants offering one-on-one technical assis compliance.

MWDOC offers ma including educatio surveys, turf replac and outdoor water MWDOC offers we to reduce runoff at save-water/water-u

billion gallons of water each year through MWDOC's award-winning programs!

8 | California Water | Orange County | 2025

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OCREGMWDOC



SPEAKERS BUREAU

WEEA LEADERSHIP
ROUNDTABLE #21
117 REGISTERED



SPEAKERS BUREAU

TCWD BOARD
CERT. OF RECOGNITION
SCOUTS BSA PARTNERSHIP



3% SOCIAL MEDIA
ENGAGEMENT RATE
A Good Rate is 1-5%

ENGINEERING & PLANNING	
Orange County Water Demand Forecast Project and 2025 Urban Water Management Plan	The Urban Water Management Planning (UWMP) Act enacted by the California legislature requires every urban water supplier providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually to prepare, adopt, and file an UWMP with the California Department of Water Resources (DWR). These reports are required every five years in years ending in six and one. The upcoming UWMP cycle is the 2025 UWMP which will be due to DWR on July 1, 2026. On December 18, 2024, the MWDOC Board approved a contract award to Hazen and Sawyer (Hazen) to provide professional services for the 2025 Orange County Water Demand Forecast Project. The project began in January 2025 and an All-Agency Kickoff Meeting took place in mid-February 2025. The project remains on schedule and the draft and final demand projections are anticipated in July and September 2025, respectively. Staff will be soliciting comments from the Orange County agencies on the draft projections, as well as bringing the draft to the member agencies managers' meeting for comments. The 2025 UWMP schedule will align with the demand forecast development. MWDOC staff have begun the procurement process to select a consultant for the 2025 UWMPs preparation. A Request for Proposals was released mid-April and 2 proposals were received on May 20, 2025. A proposal review panel consisting of staff from MWDOC and volunteers from participating agencies will review the proposals. The recommendation for consultant contract award will be presented to the Board in July 2025. As in years past, MWDOC will offer these services as part of the Shared Services Program. Currently 22 agencies have indicated interest in participating in the program with final agency signups anticipated following contract award.
MWDOC GIS Needs Assessment	Geographic Information System (GIS) is a technology used to create, manage, and analyze many types of data. It is a necessary resource for regional water reliability planning, water operations and management, water use efficiency planning & management, and emergency response coordination, among many other uses. GIS is more than a mapping tool. Its applications cover four key components vital to MWDOC's role as a regional planner, including: **Data management -** GIS is a foundational system of record allowing for the optimization of data storage and integration from business systems and other sources in such a way that organizes and magnifies data's usefulness (e.g. integration of documents in Laserfiche to include location and temporal

	information, ability to automate some billing processes, and ability to share organized data between departments and agencies quickly and efficiently). **Spatial analysis -** GIS spatial analysis tools allow users to find hidden relationships, generate new insights, and gain the ability to analyze data in ways other methods of data storage do not provide. **Mapping and visualization -** GIS provides tools to understand real time data, and satellite imagery by way of powerful visual representations such as digital maps and dashboards. **Communication -** Maps and dashboards communicate complex ideas quickly, building common understanding, supporting collaboration and promoting problem-solving. MWDOC's current in-house GIS capabilities and use are limited and there is no formalized data governance plan, or overarching data management protocols or procedures to ensure maximum flexibility in data collaboration. Most MWDOC departments employ GIS in limited forms and operate principally in their own space with cooperation and sharing of data as projects develop and need requires (e.g. for projects under Shared Services programs). As a regional planning agency, MWDOC recognizes the need to be a central resource for data for water agencies in Orange County, primarily our retail Member Agencies. As administrator of several Shared Service Programs, MWDOC provides additional value to its Member Agencies through the processing and analyses of data to assist in meeting regulatory compliance and other goals depending on specific projects or programs. MWDOC Member Agencies vary greatly in staffing resources and capabilities as well as data formatting and hosting platforms. As a result, MWDOC needs a flexible and scalable GIS system architecture to support a wide range of data and data formats with the ability to serve a diverse customer base. On March 19, 2025, the MWDOC Board approved a contract award to FLO Analytics (FLO) to provide professional services for the MWDOC GIS Needs Assessment. The MWDOC GIS Needs Assessment will provide a high-level assessment to evaluate the current GIS environment, assess organizational and departmental GIS needs, and develop a strategy, roadmap, and business case for successful GIS implementation. The effort kicked off in early April 2025 and is anticipated to conclude in July 2025. Interviews with MWDOC staff and with various agencies have been completed to help determine how MWDOC can best serve its member agencies. MWDOC staff and consultant FLO plan to present the GIS Needs Assessment findings and recommendations to the Board in August 2025. GIS implementation phase is anticipated to begin in FY 2025–26 and extend for multiple years to develop a GIS system architecture framework from

	which to further enhance specific GIS capabilities. This would include specific projects designed to demonstrate the value of MWDOC's GIS initiative and investments. Additional efforts would continue to improve upon the original framework and expand MWDOC's GIS capabilities to serve future needs as they evolve.

General Manager's Report
WEROC Status Report

MAY 2025

MAY EVENTS

(EVENTS LISTED ONLY INCLUDE WEROC INVOLVEMENT. EVENTS AND INCIDENTS HAPPEN EVERYDAY, BUT MAY NOT REQUIRE REPORTING, OR COORDINATION WITH WEROC)

Nothing of Significance to report for May.

WEROC AGENCY PLANNING, COORDINATION AND PROGRAM EFFORTS

AlertOC – Orange County Mass Notification System

Janine continues to coordinate with the County of Orange Operational Area Emergency Management Department on the development of the Memorandum of Understanding (MOU) for AlertOC, the countywide mass notification system. She remains in contact with participating member agencies and is actively collecting signed MOUs as well as individual user agreements for authorized agency personnel.

As requested by a MWDOC Board Member, the AlertOC System is one tool to use for notifications. If the power is out or system is unavailable, the system is only as viable as the preparedness of the message recipient (can they keep their communication device registered charged) or if cell towers are available agencies will be required to make notifications by other means. For example, agencies for issuing water use notices will have to do so door to door or partnering with city volunteers such as Community Emergency Response Team (CERT) members. WEROC will be able to assist with sending out a message on behalf of an agency and coordination with city volunteers. Both tools will need to be used in order to reach as many people as possible. As for Internal staff notifications for MWDOC, there is a dedicated phone number in which people can communicate through. We recommend you keeping your equipment charged.

America's Water Infrastructure Act (AWIA) Compliance

The update process for Tier I agencies' Emergency Response Plans (ERPs) is underway with support from Herndon Solutions Group. Vicki is actively engaged with the consultant through regular meetings to ensure that agency-specific needs are addressed according to the established scope of work.

Tier II agencies have initiated their Risk and Resilience Assessment (RRA) meeting cycles. These assessments must be certified and submitted to the U.S. Environmental Protection Agency (EPA) by December 31, 2025.

Recent activities include:

- Janine supporting Vicki in the next phase of the AWIA RRA/ERP project for Tier I agencies and attended the MWDOC AWIA Status Update Meeting on May 29, 2025.
- Janine and Gabby attended El Toro Water District's AWIA RRA Workshop #2 on May 6, 2025.
- Janine attended Yorba Linda Water District's AWIA RRA Workshop #2 on May 7, 2025.

Multi-Jurisdictional Hazard Mitigation Plan (MJHMP)

Vicki continues to work closely with agencies as they present the MJHMP to their governing boards for adoption. As of May 27, seven of the fifteen participating agencies have submitted resolutions of adoption.

Upon receipt, Vicki coordinates with FEMA to include adopted agencies in the official FEMA approval letter. Agencies receive a copy of the updated approval letter upon completion. The current plan is approved through April 15, 2030.

Operational Area, State and Federal Activities and Meetings

WEROC staff participated in the following key meetings and engagements:

- OCEMO Monthly Meeting – Janine and Gabby attended the Orange County Emergency Management Organization meeting on May 1, 2025, which included presentations on the Orange County Superior Court Hazard Mitigation Plan and the Coast Community College "Stop the Bleed" program.
- Mutual Aid Regional Advisory Committee (MARAC) – Vicki attended on May 12, 2025, which included presentations on state-level communications coordination and mutual aid planning for large animals.
- South Orange County Community College District HMP Kickoff – Vicki attended on May 16, 2025, in support of their request for a water sector representative to participate in the planning committee.
- Operational Area EOC Academy Working Group – Gabby attended on May 19, 2025. WEROC is currently observing and has not committed to assignments related to this program.
- Emergency Preparedness Interagency Collaborative (EPIC) – Janine attended the quarterly meeting on May 22, 2025, in support of IRWD's presentation on water infrastructure and wildfire response coordination.
- Supervisor Engagement – Vicki had a conference call with Supervisor Don Wagner on May 27, 2025, at the request of their office to discuss emergency planning efforts and water systems here in Orange County.
- CalOES SEMS Committees:
    - After Action Report (AAR) Specialist Committee – Vicki attended on May 28, 2025, and contributed comments on draft state guidance. She was appointed to this committee.

- SEMS Training and Credentialing Committee – Vicki attended on May 29, 2025, for discussion of potential changes in federal requirements for emergency management training.

WEROC Emergency Operations Center Maintenance
Gabby continues to conduct routine maintenance inspections and operability tests on the Mobile Command Center. She is also coordinating with IT staff to ensure consistent updates and system readiness.

At WEROC's Peters Canyon facility, Gabby coordinated with a contracted cleaning service to resolve a rodent infestation and ensure sterilization. Outdated IT equipment is being decommissioned as part of ongoing facility maintenance.

WEROC Plans Update

- The Regional Fire Coordination Activities Standard Operating Procedure (SOP) has been finalized. Following agency feedback, training on this SOP will occur at the June WEROC Coordination Meeting.
- The WEROC Emergency Operations Plan is undergoing its formal revision cycle, with project completion anticipated by September 2025.

WEROC Presentations, Training and Exercises
California Emergency Services Association (CESA) Conference – Vicki attended the conference from May 5–8, 2025 and facilitated a utility coordination meeting with over 20 partners from the water, wastewater, electric, and public works sectors, as well as representatives from the California Resiliency Alliance and CUEA.

Cyber Tabletop Exercise (TTX) – Co-hosted with the Orange County Intelligence Assessment Center on May 14, 2025, with 54 participants. Vicki served as a presenter and exercise facilitator.

Orange County Sanitation District Training – On May 15, 2025, Vicki delivered the first in a training series to 62 attendees. Topics included ICS refresher training, EOC activation triggers, and a communications-based exercise. Additional sessions will focus on specific EOC sections.

AlertOC Virtual Training – Janine hosted a virtual session for WEROC Member Agencies in partnership with the Orange County Sheriff's Department on May 27, 2025.

SOCWA Cyber TTX and ICS Refresher – Vicki developed and delivered a cyber-focused tabletop exercise and ICS training session for the South Orange County Wastewater Authority on May 28, 2025.

South Coast Water District Tour – Gabby toured critical infrastructure and emergency response assets with operations personnel on May 27, 2025, to strengthen understanding of the district's response and recovery capabilities.

Status of Water Use Efficiency Projects
May 2025

Description	Lead Agency	Status % Complete	Scheduled Completion or Renewal Date	Comments
SoCal Water$mart Residential Indoor Rebate Program	MWDSC	Ongoing	Ongoing	In April 2025, 60 high-efficiency clothes washers and 1 residential premium high-efficiency toilet were installed in Orange County. To date, 130,956 high-efficiency clothes washers and 61,902 high-efficiency toilets have been installed through this program.
SoCal Water$mart Commercial Rebate Program	MWDSC	Ongoing	Ongoing	In April 2025, no commercial devices were installed in Orange County. To date, 119,501 commercial devices have been installed through this program.
Flow-Monitoring Device Rebate Program	MWDSC	Ongoing	Ongoing	In April 2025, 8 flow-monitoring devices were installed in Orange County. To date, 972 flow-monitoring devices have been installed through this program. More than 3,300 verified flow-monitoring devices have been installed in Orange County; however, not all were installed via the rebate program.
Smart Timer Rebate Program	MWDSC	Ongoing	Ongoing	In April 2025, 27 residential and 7 commercial smart timers were installed in Orange County. To date, 35,505 smart timers have been installed through this program.
Rotating Nozzles Rebate Program	MWDSC	Ongoing	Ongoing	In April 2025, 477 rotating nozzles were installed in Orange County.

Description	Lead Agency	Status % Complete	Scheduled Completion or Renewal Date	Comments
Rotating Nozzles Rebate Program (cont.)				To date, 584,693 rotating nozzles have been installed through this program.
Rain Barrel Rebate Program	MWDSC	Ongoing	Ongoing	In April 2025, 3 rain barrels were installed in Orange County. To date, 9,058 rain barrels have been installed through this program.
Turf Replacement Program	MWDOC	Ongoing	Ongoing	In April 2025, 21 rebates were paid, representing $405,868.20 in rebates paid this month in Orange County. To date, the Turf Replacement Program has removed approximately 29.1 million square feet of turf.
Spray to Drip Rebate Program	MWDOC	Ongoing	Ongoing	In April 2025, 19 rebates were paid, representing $134,623.00 in rebates paid this month in Orange County. To date, the Spray to Drip Program has converted approximately 4.9 million square feet of standard spray irrigation to drip irrigation.
Tree Rebate Program	MWDOC	Ongoing	Ongoing	In April 2025, 12 eligible trees were planted in Turf Replacement Program project areas. To date, 176 trees have been planted through this program.
Landscape Design Rebate Program	MWDOC	Ongoing	Ongoing	In April 2025, 6 landscape designs received a rebate through the MWDOC Turf Replacement Program. To date, a total of 1,158 landscape design and/or landscape maintenance packages have been delivered to MWDOC Turf Replacement Program customers.

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Industrial Process/ Water Savings Incentive Program (WSIP)	MWDSC	Ongoing	Ongoing	This program is designed to improve water efficiency for commercial customers through upgraded equipment or services that do not qualify for standard rebates. Incentives are based on the amount of water customers save and allow customers to implement custom water-saving projects. Total water savings to date for the entire program is 1,269 AFY and 10,819 AF cumulatively.
Recycled Water Retrofit Program	MWDSC	Ongoing	Ongoing	This program provides incentives to commercial sites for converting dedicated irrigation meters to recycled water. To date, 194 sites irrigating a total of 1,756 acres of landscape have been converted. The total potable water savings achieved by these projects is 3,901 AFY and 30,851 AF cumulatively.

Public & Governmental Affairs Activities Report
April 30, 2025 – May 27, 2025

Member Agency Support	Public Affairs Staff: • Coordinated a MWDOC Girl Scouts Water Resources and Conservation Patch clinic on May 10, 2025, in partnership with the Orange County Water District. Director Crane attended and provided an introduction: CLICK HERE to see the day's activities • Provided a Certificate of Recognition to the Trabuco Canyon Water District Board and staff on May 21, 2025, in recognition of the joint BSA Scouts Soil and Water Conservation Merit Badge clinic held on April 19, 2025. Government Affairs Staff: • Distributed the Grants Tracking and Acquisition Report to all participating member agencies
Community and Special Events	Public Affairs Staff: • Provided Promotional items for Water Use Efficiency for the CalWEP (Water Efficiency Partnership) Peer to Peer 2025 event • Announced the winners for the 2025 Water Awareness Poster Contest: CLICK HERE to view the winning posters • Coordinated final details for the Poster Contest Awards Ceremony with Shipley Nature Center and sent out the event registration Government Affairs Staff: • Worked with staff from Water Loss Control, Engineering, Public Affairs and WEROC to prepare applications for the ACC-OC Hub of Innovation Awards
K-12 Water Education	Public Affairs Staff: • Attended a Project WET (Water Education Today) Facilitator Training at Inland Empire Utilities Association • Provided information regarding the MWDOC Choice K-12 School Programs to Moulton Niguel Water District and City of Fountain Valley • Met with Orange County Department of Education's Inside the Outdoors to discuss career integration into school program lessons • Executed a one-year agreement extension for MWDOC Choice K-12 School Programs to begin FY 2025–26. Funds are budgeted and authorization for the expenditure has been approved – see Exhibit J in the final FY 2025–26 Board approved budget. • Provided information and explored areas to collaborate with Orange County Public Works H2OC Stormwater Program • Participated in the Department of Water Resources Water Education Committee Meeting
Workforce Initiative: Water Energy Education Alliance (WEEA)	Public Affairs Staff: • Participated in multiple planning meetings for The Metropolitan Water District of Southern California's (Metropolitan) Workforce Summit • **Speaker's Bureau:** Assembled, coordinated, and facilitated a panel discussion for Metropolitan's Inaugural Workforce Summit titled: *Transforming the Future - Educational Pathways to Careers in Water*

	• Participated in two planning meetings for the CalWEP Peer to Peer 2025 Workforce Development & Retention Panel • Met with Inland Empire Utilities Agency (IEUA) to discuss WEEA participation and sponsorship opportunities • Met with IEWorks to discuss regional partnership support • Met with Eastern Municipal Water District to outline goals and topics for their presentation at WEEA's Leadership Roundtable #21 meeting • **Speaker's Bureau:** Hosted and led the WEEA Leadership Roundtable Meeting #21 for 117 registrants featuring keynote speaker and WEEA sponsor Eastern Municipal Water District • Met with Metropolitan regarding workforce momentum • Provided WEEA Career Brochures in English, Spanish, and Vietnamese to the Orange County Department of Education • Met with WEEA sponsor Tomorrow's Talent to discuss support for their partnership with Coastline Community College's Cybersecurity internship program • Connected Moulton Niguel Water District to Tomorrow's Talent to discuss options for providing work-ready interns to fill cybersecurity positions • Connected IEUA to Cuyamaca College to discuss strategies for engaging and recruiting transitioning military personnel to water jobs • Participated in the California Data Collaborative's Workforce Development Committee • Connected the Association of California Water Agencies Foundation to Tomorrow's Talent to discuss hands-on career training for students under the age of 18 • Provided a prospectus, potential partnership opportunities, and several draft Classroom to Career tour itineraries to Metropolitan for consideration of an upgraded sponsorship level in FY 2025-26 • WEEA LinkedIn (GM Report Timeframe) 15,495 Impressions *According to Hootsuite – the global leader in social media management – a good engagement rate is between 1% to 5%.* *For this period, WEEA's engagement rate is at 9.1%*
Digital Communications, Publications, and Media Engagement	Public Affairs Staff: • Completed several updates for the MWDOC.com website • Developed and distributed social media content across all MWDOC social media channels • Prepared and distributed a news release: MWDOC Supports Governor Newsom's Proposal to Streamline Delta Conveyance Project Approvals • Prepared and Coordinated MWDOC's pages for this year's edition CA Water Orange County publication • Interviewed by Teri Sforza for OC Register Article - ***"Your water use is way up, even though Southern California is dry"***

Special Projects	Public Affairs Staff: • Secured Deputy Secretary of Homeland Security to serve as keynote speaker for the Water Policy Forum • Prepared and sent the first invite for the upcoming MWDOC Water Policy Forum on June 26, 2025, at The Westin South Coast Plaza featuring Hon. Troy Edgar, Deputy Secretary, U.S. Department of Homeland Security • Completed four Real OC Transformation features with the MWDOC Water Use Efficiency department Governmental Affairs Staff: • Staffed the ISDOC Quarterly Luncheon featuring guest speaker Baryic Hunter from the OCFA • Staffed the WACO Meeting featuring the San Diego Pure Water Project • Prepared and distributed the agenda for the ISDOC Executive Committee meeting • Staffed the ISDOC Executive Committee meeting • Prepared and distributed the WACO Planning Committee agenda • Sent requests to the Orange County State delegation requesting Certificates of Recognition for the Water Awareness Poster Contest Winners • Staffed the WACO Planning Committee meeting • Reviewed and edited the ISDOC Executive Committee minutes • Researched and pulled previous versions of the ISDOC bylaws for the ISDOC Executive Committee's review
Outreach Metrics	Public Affairs Staff: • Google Performance Analytics (GM Report Timeframe) o 139 business profile interactions o 1,809 people viewed the business profile • Website Analytics (GM Report Timeframe) o 8,785 page views o Top pages for this date range ▪ Home Page – 1,496 ▪ Poster Contest – 796 ▪ Residential Rebates – 469 ▪ Agendas, Packets, Minutes – 413 ▪ RFPs/RFQs – 358 ▪ Careers – 350 o ocwatersmartparks.com: 9 site sessions • ocwatersmartgardens.com Analytics (April 2025) o 709 Sessions, 510 New Users o Top pages for this date range ▪ Eligible Sustainability Feature Trees ▪ Helpful Plant List ▪ Fire resistant CA friendly plants section • Social Media (GM Report Timeframe) *According to Hootsuite – the global leader in social media management – a good engagement rate is between 1% to 5%* *For this period, MWDOC's engagement rate is at 3.0%* o 52,910 post reach (number of people) ▪ 1,587 Post engagement (actions taken – likes, shares, etc.)

Legislative Affairs	Governmental Affairs Staff: • Met with staff from Congressman Derek Tran's office to discuss federal issues • Attended the CMUA Regulatory Committee meeting • Participated in the CMUA Legislative Committee meeting • Participated in the CSDA Legislative Committee meeting • Attended the ACWA Federal Affairs Committee Water Supply Subcommittee • Participated in the ACWA/CMUA Joint Low-Income Rate Assistance Program meeting re: SB 350 (Durazo) • Attended the ACWA Federal Affairs Committee meeting • Attended the ACWA Spring Conference in Monterey • Attended the ACWA Water Quality Committee meeting • Circulated information on the Governor's May Revise • Worked with Public Affairs on the press release supporting the Governor's Trailer Bill to streamline Delta Conveyance Project approvals • Attended the CSDA Annual Legislative Days in Sacramento • Met with staff from Senator Bob Archuletta's office to highlight support for AB 259 (Rubio) and SB 496 (Hurtado) • Met with Assemblywoman Laurie Davies to discuss legislative issues of importance including the Governor's Trailer Bill, AB 259 and SB 496 • Met with staff from Assemblyman Avelino Valencia's office