

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
August 5, 2024, 8:30 a.m.

Teleconference Sites:
25652 Paseo De La Paz, San Juan Capistrano, CA 92675
17420 Walnut Street, Fountain Valley, CA 92708

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, C. Harris,
H. Chumpitazi, M. Baum-Haley,
T. Dubuque, M. Goldsby

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>.

ACTION ITEMS

1. WATER LOSS CONTROL PROGRAM STAFFING ANALYSIS

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. ESRI GIS SOFTWARE SOLE SOURCE CONTRACT

3. STATUS OF WEROC MOBILE EOC

4. OC WATER SUMMIT UPDATE

5. PUBLIC AFFAIRS HIGHLIGHTS

6. DEPARTMENT ACTIVITIES REPORTS

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

7. 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.



ACTION ITEM
August 21, 2024

TO: Board of Directors

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

Harvey De La Torre, General Manager

Staff Contact: Rachel Davis, Water Loss Control Program Supervisor
Joe Berg, Director of Water Use Efficiency

SUBJECT: MWDOC Water Loss Control Program Staffing Analysis

STAFF RECOMMENDATION

Staff recommends the Board of Directors authorize the General Manager to transition two part-time Water Loss Control Intern positions (totaling approximately 1 FTE) into one fully choice-funded full-time Water Loss Control Technician (1 FTE) to better serve participating agencies with Distribution System Leak Detection and other Water Loss Control Shared Services.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

In Fiscal Year (FY) 2019-20, MWDOC launched the Water Loss Control Program (WLC), which provides a variety of field and technical shared services to our member agencies and the cities of Anaheim, Santa Ana, and Fullerton. A primary component of the WLC Program is Distribution System Leak Detection, which is fully choice-funded.

Since the development of MWDOC's WLC Program, participating agency demand for Distribution System Leak Detection has grown from 570 miles in FY 2019-20 to 1,470 miles

Budgeted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Budgeted amount: N/A	Core: <input type="checkbox"/>	Choice: <input checked="" type="checkbox"/>
Action item amount: N/A		Movement between funds: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Note: Distribution System Leak Detection funding, driven by participating agency mileage commitments and Metropolitan funding, is reliable and sufficient to cover the fully loaded cost (salary, benefits, and overhead) of an additional full-time WLC Technician.			

in FY 2024-25¹. The current Distribution System Leak Detection survey rate is now commensurate with the State Water Resources Control Board's recommended annual survey rate.

Since the establishment of the WLC Program, MWDOC management has closely evaluated the staffing needs to perform the annual leak detection mileage target. Staffing levels were adjusted to meet the participating agency's requested shared services. While the WLC Program was growing toward reaching the annual recommended survey rate, MWDOC relied on interns, along with full- and part-time Water Loss Control Technicians, to meet incrementally increasing staffing needs.

The WLC Program currently employs two choice-funded full-time WLC Technicians (2 FTE) and two vacant WLC Intern positions (totaling approximately 1 FTE). Based on the annual mileage demand, increased customer service to member agencies, and survey rate efficiency achieved through full-time WLC Technicians, MWDOC staff is recommending the transition of the two WLC Intern positions into a third fully choice-funded full-time WLC Technician.

The WLC Program staffing will not impact the FY 2024-25 price per mile charged to the participating agencies. It will allow MWDOC to maintain the high quality and consistency of the services that we have been providing. Increasing the resiliency and reliability of our leak detection team will add value to our member agencies, an important next step in the program's growth.

ALIGNMENT WITH BOARD STRATEGIC PRIORITIES

- | | |
|--|--|
| <input checked="" type="checkbox"/> Clarifying MWDOC's mission and role; defining functions and actions. | <input checked="" type="checkbox"/> Work with member agencies to develop water supply and demand objectives. |
| <input type="checkbox"/> Balance support for Metropolitan's regional mission and Orange County values and interests. | <input checked="" type="checkbox"/> Solicit input and feedback from member agencies. |
| <input type="checkbox"/> Strengthen communications and coordination of messaging. | <input checked="" type="checkbox"/> Invest in workforce development and succession planning. |

Additional Comments: None

BOARD OPTIONS

Option #1: Staff recommends the Board of Directors authorize the General Manager to recruit and hire an additional choice-funded full-time Water Loss Control Technician
Fiscal Impact: None; staff proposes using budgeted funds.

Option #2: Do not hire an additional full-time Water Loss Control Technician and fall short of completing the member agency mileage commitment by approximately 470 miles.
Fiscal Impact: Defer approximately \$141,000 in program funding due to uncompleted mileage.

¹ Annual Water Loss Control exhibit process, which includes mileage election, does not concur with MWDOC's Annual Budget process timeline.

List of Attachments/Links:

Attachment 1: Water Loss Control PowerPoint Presentation

Link 1: None



MWDOC Water Loss Control Program Staffing Analysis

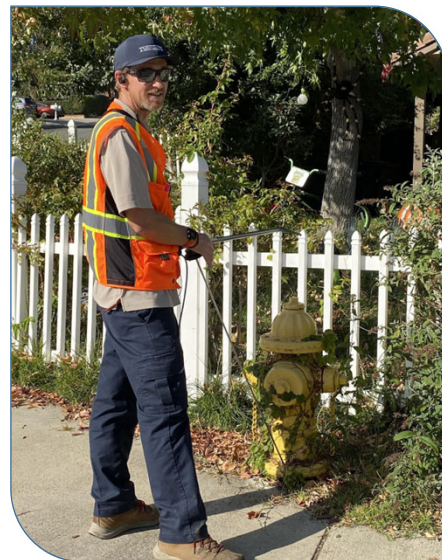
Rachel Davis, Water Loss Control Programs Supervisor
Municipal Water District of Orange County



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Topics

- 01 Program History
- 02 Program Staffing
- 03 FY24-25 Projections
- 04 Staffing Recommendation



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1

Program History

- Began in August 2019
- Goal is to help participating agencies find hidden leaks in their system
 - Complies with SWRCB regulations
- Choice-funded
- 24 agencies have participated
- 5,117 miles completed
- 2,481 leaks identified



3

"Mesa Water is pleased to be a continuing participant in MWDOC's Leak Detection Program, which has saved \$30,000 in water costs per year since 2019 and has allowed us to pass along nearly \$17,000 in savings to our customers on their water bills. We appreciate MWDOC's leadership and forward thinking with this proactive program."

Paul E. Shoenberger,
Mesa Water General Manager



"...A proud member of MWDOC's Leak Detection Program, and the data speaks for itself... The technicians and program management staff are responsive and thorough ensuring that surveys have covered our entire service area twice, leading to the discovery of over 120 leaks that have been investigated and repaired to realize significant water savings."

Rick Shintaku
South Coast Water District
General Manager

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Mileage Completion Factors

Factors that influence survey rate:

- Leak verification process
- Travel time to and from agency service area
- Staffing changes
- Topography of service area
- Time of year/weather



5

Current Staffing Levels

- 2 full-time technicians
- 2 vacant intern positions
- Current capacity = 1,000 miles
- Current mileage signups for FY24-25 = 1,470 miles



Willie Zavala



Hugo Escamilla

3

6

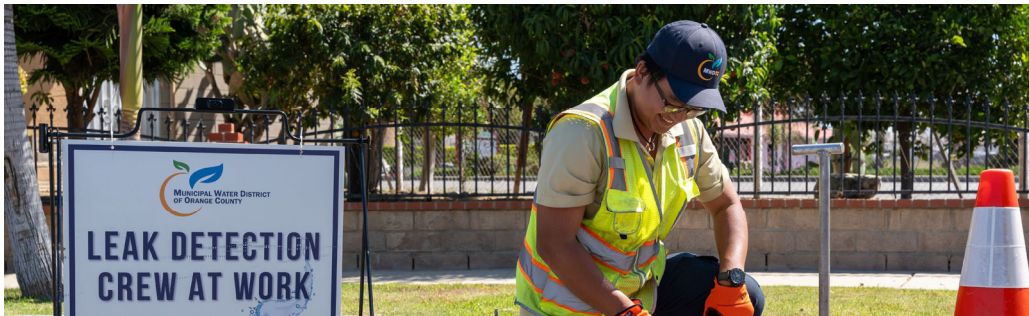


Internship Program

FLEXIBILITY:
During the first few years of the program, when mileage signups were less predictable, interns allowed us expand our mileage offerings without committing to full time staff.

Additional Benefits:

- Able to match staffing needs to meet demand
- Growing industry pool of trained leak detection technicians



Intern Challenges

- Instability – 8 interns in 4 years
- Turnover rate accelerating
- School & second job conflicts
- 18 hours maximum per week
- Full-time staff slowed down to train

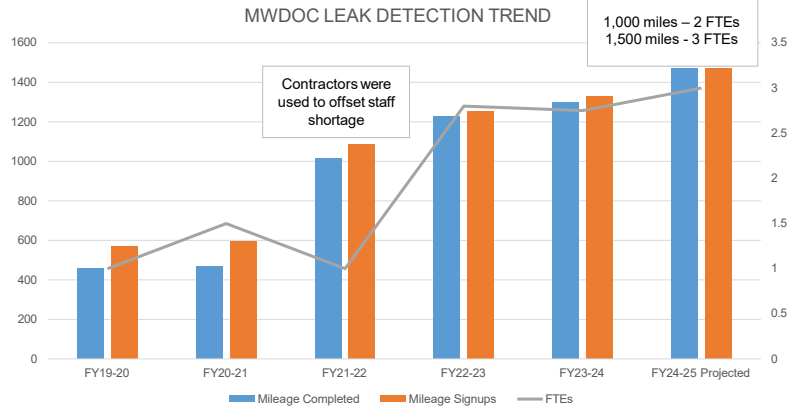
Utilization of interns is not providing the program with the stability needed.



FY24-25 Projections



- Biggest year yet
 - Survey rate has leveled out to match the State Water Resources Control Board's recommended annual survey rate
- Two intern vacancies
- 470 miles over current staff capacity



Recommendation: Hire 1 additional full-time WLC technician

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Summary

- Benefits of full-time staff are numerous
- The internship program has outlived its benefits
- We have enough mileage to justify a third choice-funded full-time WLC Technician



The value added to our member agencies by increasing the resiliency and reliability of our leak detection team is an important next step in the program's growth.



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Staff Recommendation

- Pivot to a team of 3 full-time WLC Technicians.
 - Stabilize field staffing
 - Meet the participating agency's demand (mileage target)
 - Increased team skills and safety
 - Redundancy to cover staffing changes
 - Maintain the high quality and consistency of our services



MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Fiscal Year 2024-25

Sole Source Procurement Justification for Projects under \$25,000*

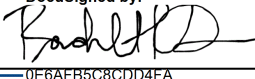


- A. Supplier Information/Name of Company and Prime Contact at the Supplier and at MWDOC: Esri Inc.
- B. Contract awards to Supplier over prior 36-months: \$11,286.14
- C. Product(s) or Service(s) to be provided and Deliverables:
Geographic Information Systems (GIS) Licensing for use by the Water Loss Control, Water Use Efficiency, WEROC and Engineering departments. These licenses will enable staff to access GIS software to view member agency distribution system maps, track leak locations, perform spatial analysis on customer rebate participation, and conduct damage assessments during emergencies. The licenses include technical support. Costs will not exceed \$6,000. The license term will expire 9/8/2025.
- D. Justification Definition - No other alternate with similar services, compatibility with existing member agency maps.
- E. Narrative Explanation:
Esri ArcGIS is the preeminent GIS software and the standard in their field. It is widely used amongst water utilities and is recognized as the industry standard. MWDOC has been using this software since 2019 with the inception of the Water Loss Control Shared Services. Since that time the need for GIS services has grown with the hiring of additional leak detection technicians and the inclusion of other departments.
- F. Budget Line Item Reference & Amount:
7430-2000-45
7430-2000-70
7440-2010-25
- G. Core or Choice designation:
Core: \$3,695
Choice: \$2,305

* Projects over \$25,000 must go to a Committee of the Board.

** Possible justifications include but are not limited to: Only qualified bidder; Proprietary item; Urgent necessity; Bid process did not produce competitors; Governmental agency, association or Utility; Prior phase of professional services contract completed successfully by same Consultant; and Special technical expertise by Consultant for tasks desired.

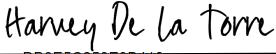
H. Signature/Approvals:

DocuSigned by:


7/26/2024 | 1:16 PM PDT

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Requestor

Date

DocuSigned by:


7/27/2024 | 3:07 PM PDT

DB0E9C258E3B412...
General Manager

Date

* Projects over \$25,000 must go to a Committee of the Board.

** Possible justifications include but are not limited to: Only qualified bidder; Proprietary item; Urgent necessity; Bid process did not produce competitors; Governmental agency, association or Utility; Prior phase of professional services contract completed successfully by same Consultant; and Special technical expertise by Consultant for tasks desired.



INFORMATION ITEM

June 3, 2024

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

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

Staff Contact: Vicki Osborn

SUBJECT: **Status of WEROC’s Mobile EOC**

STAFF RECOMMENDATION

Information is for received and file as it is provided or update purposes only.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

The Water Emergency Response Organization of Orange County (WEROC) is proud to announce the launch of its new Mobile Emergency Operations Center (EOC). On July 22, 2024, WEROC took receipt of the new WEROC Mobile EOC.

This cutting-edge unit is designed to enhance emergency response operations during large-scale disasters, providing critical support and coordination when it’s needed most.

The Mobile EOC is equipped with three workstations, three 32" televisions, an electronics rack, recessed D-rings, a radio antenna, a Kymeta Satellite Dish, a roof-mounted solar panel, rear storage shelving, and a tow hitch. These features ensure the unit is fully operational with independent power sources, robust communication systems, and ample supply reserves.

WEROC’s Mobile EOC serves as a vital backup to traditional brick-and-mortar facilities, capable of transforming any conference room or space into a fully functional EOC. This versatility ensures that emergency response efforts can continue seamlessly, even if primary facilities are compromised. WEROC is currently in the process of ordering the

Budgeted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Budgeted amount: 450,000	Core: <input type="checkbox"/>	Choice: <input type="checkbox"/>	
Action item amount:	Movement between funds: <input type="checkbox"/> Yes <input type="checkbox"/> No			

required equipment for inside the vehicle to achieve the capability and state of readiness required to finish the project.

The Mobile EOC is available to any WEROC member agency that requires the use of a mobile command vehicle at an incident location. This resource will play a crucial role in ensuring coordinated and efficient emergency management during natural disasters and other emergencies.

List of Attachments/Links:
(1) WEROC Mobile EOC Pictures (2) WEROC Mobile EOC Press Release

ALIGNMENT WITH BOARD STRATEGIC PRIORITIES

- | | |
|--|---|
| <input checked="" type="checkbox"/> Clarifying MWDOC’s mission and role; defining functions and actions. | <input type="checkbox"/> Work with member agencies to develop water supply and demand objectives. |
| <input type="checkbox"/> Balance support for Metropolitan’s regional mission and Orange County values and interests. | <input type="checkbox"/> Solicit input and feedback from member agencies. |
| <input type="checkbox"/> Strengthen communications and coordination of messaging. | <input type="checkbox"/> Invest in workforce development and succession planning. |





For Immediate Release

Contact: Damon Micalizzi, Director of Public Affairs at (714) 593-5014 or damon@mwdoc.com

WEROC Unveils State-of-the-Art Mobile Emergency Operations Center

Fountain Valley, CA (December July 24, 2024) –The Water Emergency Response Organization of Orange County (WEROC) is proud to announce the launch of its new Mobile Emergency Operations Center (EOC). This cutting-edge unit is designed to enhance emergency response operations during large-scale disasters, providing critical support and coordination when it's needed most.

The Mobile EOC is equipped with three workstations, three 32" televisions, an electronics rack, recessed D-rings, a radio antenna, a Kymeta Satellite Dish, a roof-mounted solar panel, rear storage shelving, and a tow hitch. These features ensure the unit is fully operational with independent power sources, robust communication systems, and ample supply reserves.

WEROC's Mobile EOC serves as a vital backup to traditional brick-and-mortar facilities, capable of transforming any conference room or space into a fully functional EOC. This versatility ensures that emergency response efforts can continue seamlessly, even if primary facilities are compromised.

"With this new Mobile EOC, we are significantly enhancing our ability to respond to emergencies across the region," said Vicki Osborn, Director of Emergency Management at Municipal Water District of Orange County (MWD OC), which administers WEROC. "This vehicle provides our team and member agencies with the flexibility and resources needed to effectively manage disaster response operations from virtually any location."

The Mobile EOC is available to any WEROC member agency that requires the use of a mobile command vehicle at an incident location. This resource will play a crucial role in ensuring coordinated and efficient emergency management during natural disasters and other emergencies.

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About WEROC:

The Water Emergency Response Organization of Orange County (WEROC), administered by the Municipal Water District of Orange County (MWD OC), supports and manages countywide emergency preparedness, planning, response, and recovery efforts among Orange County water and wastewater utilities. The program is supported by a group of Orange County water and wastewater agencies and is funded by the Cities of Anaheim, Fullerton, and Santa Ana, MWD OC, the Orange County Sanitation District, Orange County Water District, and the South Orange County Wastewater Authority.

The Municipal Water District of Orange County (MWD OC) is a wholesale water provider and resource planning agency whose efforts focus on sound planning and appropriate investments in water supply, water use efficiency and conservation, public information and outreach, legislative advocacy, water education for all ages, and emergency preparedness. MWD OC's 27 water agencies, comprised of both city water departments and water districts, provide water service to the public. www.mwdoc.com



INFORMATION ITEM

August 5, 2024

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

FROM: Harvey De La Torre, General Manager
Staff Contact: Damon Micalizzi

SUBJECT: OC Water Summit 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

The OC Water Summit 2024 will be held on Friday, September 27, 2024, at the Westin South Coast Plaza in Costa Mesa. The event, themed "Liquid Logic: The Fusion of Finance, Tech, and Water," promises to bring together industry leaders, experts, and policymakers to discuss pressing issues facing California's water infrastructure.

Hosted by the renowned weathercaster and entertaining speaker Fritz Coleman, the Summit will offer a series of insightful sessions designed to delve deeply into the critical intersections of various key issues. These include the latest advancements and challenges in cybersecurity and Artificial Intelligence (AI) as it pertains to water infrastructure, an in-depth analysis of Proposition 4 and its implications for water funding, the far-reaching effects of new conservation regulations, and the significant impact of transitioning to clean energy on water management.

Steve Garvey, California US Senate Candidate, has been invited to provide the Keynote address during the luncheon session.

Budgeted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Budgeted amount:	Core: <input checked="" type="checkbox"/>	Choice: <input type="checkbox"/>
Action item amount: N/A		Movement between funds: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

More information is available at <https://ocwatersummit.com/>.

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.*

Chat New share Pause Share Annotate Apps

Stop share MWDO

CA Environmental Literacy Initiative

CAELI White Paper

Call to Action: Educating for a Green Economy

JULY 9, 2024
WRD Water Workshop

Tiffany Baca
Executive Director, Water & Power
Public Affairs Manager
Email: TBaca@mwdoc.com
<https://www.linkedin.com/in/tiffany-baca/>

Tiffany Baca

WATER AD HOC COMMITTEE PRESENTATION

2023/24 WATER AD HOC COMMITTEE PRESENTATION

California Environmental Education Foundation | California Community Colleges

CPR & FIRST AID CERTIFICATION

LinkedIn:
<https://tinyurl.com/y2y4an4y>

LIQUID LOGIC

THE FUSION OF FINANCE, TECH, AND WATER

YOU'RE INVITED!

We are delighted to invite you to the 2024 OC Water Summit, a premier event focused on the critical issues of water sustainability, innovation, and policy. This year's theme, "Liquid Logic: The Fusion of Finance, Tech, and Water," promises to bring together leading experts and stakeholders to discuss and develop strategies for the future of our most vital resource.

Event Details:
Date: Friday, September 27, 2024
Venue: Westin South Coast Plaza, Costa Mesa
Time: 7:30 a.m. - 1:30 p.m.
OCWaterSummit.com

Join us at the Westin South Coast Plaza for impactful discussions and networking opportunities with industry leaders. This event will significantly shape the future of water management and sustainability.

We look forward to seeing you at the 2024 OC Water Summit!

PRESENTED BY: **16TH ANNUAL OC WATER SUMMIT**

PLEASE NOTE:
*Register by Friday, September 13 for the early registration rate! Registration will increase to \$175 after this date. Cancellations made after this date (and event no-shows) will be charged the full rate.

REGISTER TODAY!™

QUESTIONS?
vincent@mwdoc.com

SPONSORSHIP OPPORTUNITIES

QUESTIONS?
jorozco@mwdoc.com
cnettes@ocwd.com

NEW EMPLOYEE SPOTLIGHT

JASMINE OROZCO
PA COORDINATOR I

UPCOMING INSPECTION TRIPS

- OC Grand Jury Inspection Trip with Dir. Seckel and Dir. Dick - August 26, 2024
- State Water Project Inspection Trip with Dir. Dick and Dir. Erdman - September 20-21, 2024

NEW EMPLOYEE SPOTLIGHT

RACHEL OREJEL
PA ASSISTANT

8.6% SOCIAL MEDIA ENGAGEMENT RATE
A Good Rate is 1-5%

MEMBER AGENCY SPOTLIGHT: TCWD

<https://youtu.be/EekxU2w-dq8>

EDUCATION INITIATIVES

- Executed MWDOC Choice K-12 School Program Extension Agreements
- Finalized MWDOC Scouts Program MOUs
- Confirmed returning WEEA sponsors for FY 24/25
- Met with Long Beach City College on Workforce Grant Collaboration

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ENGINEERING & PLANNING	
Lead and Copper Rule Revisions – Lead Service Line Inventory Choice Program	<p>In mid-March 2023, multiple agencies requested MWDOC’s assistance in complying with the U.S. Environmental Protection Agency (USEPA) Lead and Copper Rule Revisions (LCRR) - Service Line Inventories which all water systems are required to complete and submit to the primacy agency (for California it is the State Water Resources Control Board - SWRCB) by October 16, 2024.</p> <p>On September 20, 2023, the MWDOC Board approved a contract award to Hazen and Sawyer (Hazen) to provide technical assistance for a Service Line Inventory shared services program. The shared services program has 13 participating agencies, each with a customized scope of work.</p> <p>On November 30, 2023, the USEPA announced draft rule changes to the LCRR which are known as the Lead and Copper Rule Improvements (LCRI). The LCRI proposes significant changes to the LCRR both in terms of changed requirements and timelines.</p> <p>In April 2024, USEPA formally declared its intent to take final action on the LCRI by October 2024. This declaration provides some clarity on the documentation agencies must submit by October 16, 2024, but leaves additional ambiguity until the final proposed rules are actually published.</p> <p>The project remains on schedule.</p> <p>As of late May 2024, baseline inventories for the participating agencies were completed and agencies moved to the field verification Phase 1 which was completed in mid-July.</p> <p>Completion of the final field verification phase is anticipated by the end of August 2024. Inventories will then be prepared for review by participants in time for submission to DDW in early October 2024.</p>
Shutdowns	<p>Allen McColloch Pipeline (AMP) Prestressed Concrete Cylinder Pipe (PCCP) Inspection and Rehabilitation</p> <p>In response to the November 2023 AMP PCCP inspection findings, MET initiated Special Operating Conditions (SOC) for the AMP to reduce pressure on the pipeline.</p> <p>In April 2024, MET shut down the lower reaches of the AMP down gradient of OC-70 and installed steel liners to segments of PCCP between OC-70 and OC-88. A bulkhead was also installed down gradient of OC-88. This work has been</p>

	<p>completed and the upper reaches of the AMP have returned to normal operations.</p> <p>The reaches below OC-88 (down gradient of the bulkhead) remain dry to allow for permanent repairs to the most critical PCCP segments in the lower reaches of the AMP.</p> <p>MET’s Board awarded a construction contract for the downstream reach work to JF Shea Construction on May 14, 2024 and the contractor mobilized to the first site on June 17, 2024. Construction began in early July 2024 and will continue through the end of January 2025.</p> <p>The shutdown remains on schedule.</p> <p>Affected retail agencies have coordinated extensively with neighboring agencies, MET, and MWDOC to accommodate the extended AMP shutdown through January 2025. Planned use of the AMP through OC-88 into the South County Pipeline, the Baker Water Treatment Plant, EOCF#2, ATM, OC Feeder, El Toro Reservoir, Upper Chiquita Reservoir as well as local resources are all being used extensively to support this shutdown.</p>
<p>Water Quality & Operational Planning Workshops</p>	<p>Significant changes to Orange County’s imported water demands are expected over the next few years as a number of local supply projects are completed and water use efficiency efforts continue to reduce water demands.</p> <p>The reduction of imported water demands, anticipated to be particularly significant during the winter months, has the potential to increase water aging in the imported water distribution system. The additional water aging potentially could lead to water quality issues (e.g. disinfection by-product formation, disinfectant decay, nitrification).</p> <p>MWDOC Engineering is working with MET staff and the retail agencies on a series of workshops to begin discussions on coordinating efforts to change how the imported water system is operated in Orange County. The first workshop, scheduled for August 29, 2024, will provide a review of the state of the science of understanding of nitrification in water distribution systems, initiate discussions on future water quality and operations considerations, and provide a foundation for shared understanding of operations and control measures.</p>

General Managers Report

WEROC Status Report

Item No. 6b

July 2024

JULY EVENTS

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

Agency Cyber Incident

WACO Participant Event

CrowdStrike Cyber Software Incident

July 29, 4.9 Barstow Earthquake

WEROC AGENCY PLANNING, COORDINATION AND PROGRAM EFFORTS

AWIA & Multi-Jurisdictional Hazard Mitigation Multi Plan Project

The Multi-Jurisdictional Hazard Mitigation Plan held 17 meetings in July and the project is off and running

On July 22, AWIA was kicked off and the agencies participating were advised of the SOW and timelines. Vicki is finalizing the payment schedule and has been working with HSG on the timing of invoices. Vicki is working with BBK on the contracts for the participating agencies as part of this choice program. Vicki will provide a presentation on the projects at the September PO Meeting,

Cyber Security and OCIAC Partnership

WEROC continues to send out important information to the Cyber Security Distribution Group as received from DHS or the OCIAC. WEROC has been providing information to the member agencies as required about highlighted threats to the water industry and other current world events as required. Vicki reached out to her points of contact at the OCIAC and secured a speaker for the OC Water Summit.

Diesel Engine CARB Emissions Advocacy Project

Last month Vicki reported that different agencies have been reaching out regarding the ZEV/CARB requirements and changes and the challenges with finding vehicles to replace their aging fleet. Currently, law and fire have received exemptions to the engine rules for their fleet, but public works and water/wastewater has not received these for their overall fleets. Vicki this month has had meetings to discuss this important item with CalOES Deputy Director of Operations and the new Deputy Director of External affairs and Policy,

CSDA Legislative contact, and AWWA at the national level. Update, waiting still to hear back from CalOES. WEROC will continue to follow up on the matter and advocate in Sacramento with CalOES Partners.

Operational Area Plans

Vicki is currently reviewing the following plans as the Operational Area Mutual Aid Coordinator for Water and Wastewater as the agencies advocate.

- Regional Mutual Aid/Assistance Plans
- Alert and Warning Plan

Regional Mapping Project

Janine continues to work on the update of the 2018 WEROC Water/Wastewater Atlas and Public Safety Power Shut Off (PSPS) maps. CDR has a new GIS employee, and this project is moving slowly to create an appropriate shape and KMZ files.

Regional Water Distribution Plan

Water Distribution TTXs are being scheduled for the fall. They will be conducted at the Orange County EOC.

Training, Exercises and National Qualification System Training Plan

- **Training:**

Vicki conducted a G611 Operations Course. There was 36 people in attendance

Emergency Management Instructor Certification (EMIC). As conducted at MWDOC. This course allows people to teach and train EOC sections (as I do). This course usually costs \$60,000.00. We got it for free in Orange County because Vicki is one of the certified state instructors for this course. Majority of the participants were from water and wastewater and included partners from Riverside and San Diego Water Authority.

Safety Assessment Program (SAP) The Safety Assessment Program (SAP) utilizes volunteers and mutual aid resources to provide professional engineers, architects, and certified building inspectors to assist local governments in safety evaluation of their built environment in the aftermath of a disaster. The program is managed by Cal OES, in cooperation with professional organizations. Cal OES Recovery SAP issues registration ID cards to all SAP Evaluators that have successfully completed the program requirements. This training provides our agencies with the capability to look at our infrastructure and ensure it is safe to occupy. This course costs \$10,000 but Vicki has been able to get it for free through the relationships she has at the state level.

- **Exercises:**

- Vicki wrote and facilitated a Tabletop Exercise (TTX) for the city of Fullerton

WEROC Mobile EOC/Command Vehicle

See PO Information item 3

WEROC Staffing Update

WEROC has hired a new WEROC Specialist who started on July 22. They will be introduced at both P&O and the Board meeting.

Status of Water Use Efficiency Projects
July 2024

Description	Lead Agency	Status % Complete	Scheduled Completion or Renewal Date	Comments
SoCal WaterSmart Residential Indoor Rebate Program	MWDSC	Ongoing	Ongoing	In June 2024, 119 high efficiency clothes washers and 44 residential premium high efficiency toilets were installed in Orange County. To date, 129,870 high efficiency clothes washers and 61,737 high efficiency toilets have been installed through this program.
SoCal WaterSmart Commercial Rebate Program	MWDSC	Ongoing	Ongoing	In June 2024, 69 commercial premium high efficiency toilets were rebated on in Orange County. To date, 117,479 commercial devices have been installed through this program.
Flow-Monitoring Device Rebate Program	MWDSC	Ongoing	Ongoing	In June 2024, 10 flow-monitoring devices were installed in Orange County. To date, 264 flow-monitoring devices have been installed through this program.
Smart Timer Rebate Program	MWDSC	Ongoing	Ongoing	In June 2024, 112 residential and 73 commercial smart timers were installed in Orange County. To date, 34,235 smart timers have been installed through this program.
Rotating Nozzles Rebate Program	MWDSC	Ongoing	Ongoing	In June 2024, 18 rotating nozzles were installed in Orange County. To date, 583,114 rotating nozzles have been installed through this program.

Description	Lead Agency	Status % Complete	Scheduled Completion or Renewal Date	Comments
Rain Barrel Rebate Program	MWDSC	Ongoing	Ongoing	In June 2024, 6 rain barrels were installed in Orange County. To date, 9,003 rain barrels have been installed through this program.
Turf Replacement Program	MWDOC	Ongoing	Ongoing	In June 2024, 17 rebates were paid, representing \$190,250.00 in rebates paid this month in Orange County. To date, the Turf Replacement Program has removed approximately 28.1 million square feet of turf.
Spray to Drip Rebate Program	MWDOC	Ongoing	Ongoing	In June 2024, 9 rebates were paid, representing \$77,807.75 in rebates paid this month in Orange County. To date, the Spray to Drip Program has converted approximately 4.2 million square feet of standard spray irrigation to drip irrigation.
Landscape Design and Landscape Maintenance Assistance Programs	MWDOC	Ongoing	Ongoing	In June 2024, 1 landscape maintenance package and 6 landscape design packages were delivered to MWDOC Turf Replacement Program customers. To date, 781 landscape design packages and 351 landscape maintenance packages have been delivered to MWDOC Turf Replacement Program customers.
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.

Description	Lead Agency	Status % Complete	Scheduled Completion or Renewal Date	Comments
Industrial Process/ Water Savings Incentive Program (WSIP) cont.				Total water savings to date for the entire program is 1,307 AFY and 8,681 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, 191 sites irrigating a total of 1,749 acres of landscape have been converted. The total potable water savings achieved by these projects is 3,889 AFY and 28,033 AF cumulatively.

**Public & Governmental Affairs Activities Report
June 26, 2024 – July 30, 2024**

<p>Member Agency Support</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Created and sent an invite to the Workshop Board Meeting for the Presentation on the Delta Conveyance Project on August 7 • Designed fall bill inserts for the member agencies • Coordinated and provided Metropolitan approved photos of Diemer Treatment Plant at the request of Yorba Linda Water District • Worked with Hashtag Pinpoint to complete filming of the latest Member Agency Spotlight with Trabuco Canyon Water District • Provided El Toro Water District (ETWD) staff photos from the Board meeting ETWD member agency spotlight presentation <p>Government Affairs Staff:</p> <ul style="list-style-type: none"> • Provided an overview an update on SB 1255 (Low Income Rate Assistance program) to the OC Met Managers • Circulated the Grant Tracking and Acquisition monthly report to all participating member agencies
<p>Community and Special Events</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Submitted student art to the 2025 Metropolitan Water District of Southern California’s (Metropolitan) Water is Life calendar contest • Executed FY 24-25 MOUs for the MWDOC Scouts Programs with Boy Scouts of America, Orange County Council and Girl Scouts of Orange County • Designed a sponsorship flyer for Independent Special Districts of Orange County (ISDOC) upcoming event • Coordinated and participated in an OC Water Summit committee meeting with Directors Thomas, Nederhood, and Crane <ul style="list-style-type: none"> ○ Prepared the 2024 OC Water Summit First Invite, Sponsorship Brochure, and Website updates ○ Met with the AV contractor <p>Government Affairs Staff:</p> <ul style="list-style-type: none"> • Attended the ACC-OC Legislative and Regulatory Committee meeting •
<p>K-12 Water Education</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Met with MWDOC Choice K-12 School Program contractors Shows That Teach and Orange County Department of Education’s Inside the Outdoors to demonstrate the new shared calendar system for the upcoming school year (member agency and board notifications to follow) • Executed one-year contract extension for Building Block Entertainment (Shows That Teach) and Orange County Department of Education (Inside the Outdoors). Authorization has been approved in the final FY 24-25 board approved budget - see Exhibit J1. • Coordinated with the Department of Water Resources, Metropolitan, and Shipley Nature Center to confirm a date and location for an Orange County Project WET teacher training on November 2

<p>Workforce Initiative</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Speakers Bureau: Presented to the Water Environment Federation’s Operator Advisory Panel on the Water Energy Education Alliance (WEEA) initiative • Speakers Bureau: Presented to the Water Workforce Ad Hoc Committee on the release of the California Environmental Literacy Initiative’s “Call to Action: Educating for a Green Economy” white paper, where several WEEA sponsors and MWDOC’s K-16 education initiatives are introduced as model programs. • Met with the Water Replenishment District to discuss a skill craft videos project introducing various careers to students • Met with Long Beach City College to discuss support and partnership options for their recent nearly \$11M workforce grant awards. One grant explicitly requires a Los Angeles/Orange County collaboration – and the other is funded by NOAA’s Climate-Ready Workforce initiative to support training and jobs to accelerate climate resilience. • Met with Association of California Water Agencies Region 9 Regional Affairs Representative and proposed workforce panel for their event, “Building the Future: Water Workforce Development Solutions” • Participated in the Statewide Advisory Council meeting of the California Municipal Utilities Association High Roads Training Partner Grant • Confirmed a speaker from the San Diego County Office of Education for the next WEEA Leadership Roundtable on October 24
<p>Digital Communications, Publications, and Media Engagement</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Completed several updates for the MWDOC.com website • Developed and distributed social media content across MWDOC’s social media channels • Attended the California Association of Public Information Officials webinar: “Mastering the Op-Ed: From Concept to Publication”
<p>Special Projects</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Scheduled two inspection trips for Director Dick, Director Seckel, and Director Erdman, which includes a Grand Jury trip on August 26 and an State Water Project trip on September 20-21 <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> • Met with the ISDOC Ad-Hoc Committee to plan the upcoming Associate Member Expo • Staffed the ISDOC Executive Committee meeting • Staffed the WACO meeting featuring speakers from ACWA’s state and federal government relations team • Met with the County’s Deputy Director of Environmental Sustainability to learn more about their Climate Action Plan, and invite her to speak at an upcoming WACO meeting

	<ul style="list-style-type: none"> • Reviewed and updated security protocols for future WACO meetings • Staffed the WACO Planning meeting
Outreach Metrics	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Google Performance Analytics (GM Report Timeframe) <ul style="list-style-type: none"> ○ 225 business profile interactions ○ 1,984 people viewed the business profile • Website Analytics (GM Report Timeframe) <ul style="list-style-type: none"> ○ 10,836 pageviews ○ Top pages for this date range <ul style="list-style-type: none"> ▪ Home Page – 1,624 ▪ Water Use Efficiency – 1,041 ▪ Residential Rebates – 724 ▪ Agendas, Packets, Minutes – 431 ▪ Turf Replacement Program – 387 ▪ Careers – 376 ▪ RFPs / RFQs – 327 ○ ocwatersmartparks.com: 5 site sessions • ocwatersmartgardens.com Analytics (June 2024) <ul style="list-style-type: none"> ○ 561 Sessions, 379 New Users ○ Top pages for this date range <ul style="list-style-type: none"> ▪ Eligible Sustainability Feature Trees ▪ Landing Page ▪ Helpful Plant List • Social Media (GM Report Timeframe) <p><i>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 8.64%</i></p> <ul style="list-style-type: none"> ○ 161,254 post reach (number of people) <ul style="list-style-type: none"> ▪ 13,929 Post engagement (actions taken – likes, shares, etc.)
Legislative Affairs	<p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> • Participated in the CMUA LIRA Strike Force Team meetings • Attended a pre-evaluation meeting with the County of Orange’s review team for their state legislative advocacy contract • Attended the CCEEB Summer Issues Seminar and attended panels such as: <ul style="list-style-type: none"> ○ Pressure on the Grid ○ Consensus on California’s Climate Strategy ○ An update on hydrogen ○ SCAQMD Challenges ○ CESA & CEQA ○ Water Supply & Resiliency • Completed and filed the Quarterly Lobbying Report • Participated in the County of Orange’s evaluation process (reviewed, ranked and discussed proposal received) for their state advocacy services

	<ul style="list-style-type: none">• Participated in the Metropolitan Member Agency Legislative Coordinators meeting
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