

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
July 1, 2024, 8:30 a.m.

Teleconference Sites:
25652 Paseo De La Paz, San Juan Capistrano, CA 92675
17025 Brooklyn Avenue, Yorba Linda, CA 92886
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. CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) 2025 BOARD OF DIRECTORS ELECTION – SOUTHERN NETWORK, SEAT A

DISCUSSION ITEM

2. PRESENTATION FROM METROPOLITAN STAFF ON THE CENTRAL VALLEY STORAGE MEMORANDUMS OF UNDERSTANDING (MOUS)

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.)

3. QUARTERLY MWDOC K-12 CHOICE SCHOOL PROGRAMS UPDATE
4. SPEAKERS BUREAU QUARTERLY REPORT
5. WEROC COORDINATION MEETING/BRIEFING POWERPOINT
6. PUBLIC AFFAIRS HIGHLIGHTS
7. DEPARTMENT ACTIVITIES REPORTS
 - a. Ongoing MWDOC Reliability and Engineering/Planning Projects
 - b. WEROC
 - c. Water Use Efficiency Projects
 - d. Public and Government Affairs
8. 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

July 17, 2024

TO: Board of Directors

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

Harvey De La Torre, General Manager

Staff Contact: Heather Baez

SUBJECT: CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) 2025 BOARD OF DIRECTORS ELECTION – SOUTHERN NETWORK, SEAT A

STAFF RECOMMENDATION

Staff recommends the Board of Directors:

- Review and discuss the candidates running for the CSDA Board of Directors, Southern Network, Seat A
- Authorize staff to cast the District’s electronic ballot

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

CSDA is governed by an 18-member Board of Directors elected by mail ballots. The Board consists of three directors from each of the six networks (Northern, Sierra, Bay Area, Central, Coastal & Southern) throughout California. The Board meets bimonthly in Sacramento to guide the Association’s legislative and member benefit programs.

Each CSDA member in good standing is entitled to vote for one director to represent its network. As they did last year, CSDA will be using a web-based online voting system. Electronic ballots and candidate information sheets were emailed on June 10, 2024. All votes must be received through the system no later than 5:00 p.m. July 26, 2024.

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	

MWDOC's electronic ballot was sent directly to Cathy Harris and Heather Baez, who are our designated CSDA staff contacts.

There are three candidates seeking election to fill Seat A on the CSDA Board of Directors, Southern Network, which includes Imperial, Los Angeles, Orange, Riverside, San Bernardino and San Diego Counties. Seat A is for a three-year term, ending in 2027.

The following candidates are running for Seat A:

- Jo MacKenzie (incumbent)
Board Member, Vista Irrigation District
- Jason Dafforn
General Manager, Valley Sanitation District
- Ross Leja
Board Member, Jurupa Area Recreation and Park District

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. |

BOARD OPTIONS

Option #1:

- Review and discuss candidates running for the CSDA Board of Directors, Southern Network, Seat A
- Authorize staff to cast the District's ballot

Fiscal Impact: None

Option #2: Take no action

Fiscal Impact: None

List of Attachments/Links:

- CSDA Candidate Statements and Information Sheets



2024 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information **MUST** accompany your nomination form and Resolution/minute order:

Name: Jason Dafforn

District/Company: Valley Sanitary District

Title: General Manager

Elected/Appointed/Staff: Staff

Length of Service with District: 1 year

- 1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):**

Attend CSDA Conference and Leadership Academy

- 2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):**

ACWA, CASA

- 3. List local government involvement (such as LAFCo, Association of Governments, etc.):**

N/A

- 4. List civic organization involvement:**

Desert Recreation Foundation Board of Directors

****Candidate Statement – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. Any statements received in the CSDA office after the nomination deadlines will not be included with the ballot.**

My name is Jason Dafforn. I am a Licensed Civil Engineer in the State of California with over 30 years of experience in the water and wastewater industry. I have 17 years of experience as a utility manager working for California local governments, including over eight years working for a special district.

California's special districts play a crucial role in the daily lives of millions, providing essential services ranging from water and sanitation to fire protection, healthcare, and many others. The California Special District Association (CSDA) provides resources, training, state and federal advocacy, and professional development to help special districts across the State flourish.

Today, special districts are confronted with unprecedented challenges. As a special district manager, I have gained a comprehensive understanding of these challenges, which positions me to provide valuable guidance and develop effective resolutions. My fresh ideas and unique perspective will enable the Board of Directors to proactively address current issues and future challenges, keeping CSDA ahead of the curve.

Together, we hold the power to shape the future and provide exceptional resources for special districts in California. By ensuring they remain at the forefront of delivering essential services and improving the quality of life for all residents, we can make a significant impact.

Let us build a stronger, more resilient future for California's special districts and the communities they serve.



2024 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information **MUST** accompany your nomination form and Resolution/minute order:

Name: ROSS A. LEJA

District/Company: JURUPA AREA RECREATION & PARK DISTRICT

Title: DIRECTOR DIVISION 5

Elected/Appointed/Staff: ELECTED

Length of Service with District: 6 YEARS

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):

NO

2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):

NO

3. List local government involvement (such as LAFCo, Association of Governments, etc.):

NONE

4. List civic organization involvement:

JURUPA CHILDRENS CHRISTMAS PARTY

JURUPA DISTRICT LIONS CLUB

****Candidate Statement – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. Any statements received in the CSDA office after the nomination deadlines will not be included with the ballot.**

I am running for the open board position to bring representation for the Inland Empire to CSDA and grow CSDA in the Inland Empire. San Bernardino and Riverside Counties, together known as the Inland Empire, is one of the fastest growing regions of California and home to over 80 special districts. However, the Inland Empire currently has no representation on the Southern District Board.

I currently serve on the Board of Directors for the Jurupa Area Recreation and Parks District (JARPD). Our district serves the city of Jurupa Valley and a portion of the city of Eastvale. I have been in this position for six years. During this time we have grown our district by fourteen facilities. I have made it a mission to develop relationships with the other special districts in our area to help JARPD better serve its residents. I look forward to expanding this mission to the other special districts in the Inland Empire if I am elected to the Board representing the Southern District

I am an eight year Air Force Veteran, husband, father and grandfather. My wife of 49 years and I have made our home in Jurupa Valley for over three decades. I have served on the City of Jurupa Valley Traffic Safety Committee, acting as its first chair for three years. I also served on the Jurupa Unified School District Citizen Oversight Committee for a \$144 million bond measure as both Vice Chair and Chair. A cause close to my heart is my work with the Jurupa Children's Christmas Party, an organization that has distributed presents to underprivileged in Jurupa Valley for over 40 years.

I have always considered service to my country and community a privilege and would like to continue by serving on the board of the California Special Districts Association.



2024 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information **MUST** accompany your nomination form and Resolution/minute order:

Name: JO MacKENZIE

District/Company: Vista Irrigation District, *CSDA District of Distinction, Platinum Level*

Title: Director, Certificate in Special District Governance

Elected/Appointed/Staff: Elected

Length of Service with District: 32 years

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):

- ✚ CSDA Board of Directors, President 2011, Vice President 2010, Treasurer 2008-2009
- ✚ CSDA Finance Corporation Board of Directors, 2007-present; President 2012, 2013, 2015- present
- ✚ Special District Leadership Foundation Board of Director, Treasurer, currently Vice President
- ✚ Fiscal and Audit Committees, rewrote 'Treasurer Job Description'; Membership Committee 2011-present; Chair 2020-2021, 2022 and 2024
- ✚ Legislative Committee 2004-present; Chair, 2006-2010 and 2012
- ✚ CSDA San Diego Chapter, Board of Directors, 1993-present; President 1998-2000; presently serve on the Chapter Executive Board
- ✚ Attend all Annual Conferences and Legislative Days

2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):

- ✚ ACWA: Past Board Director; Local Government, Chair 2014-2015 and Membership Committee
- ✚ ACWA Region 10 Board of Directors, Vice Chair, Alternate Chair, Director 1997-2010
- ✚ The California Association of Local Agency Formation Commissions (CALAFCO), Board Member and Legislative Committee member, 2017-2023

3. List local government involvement (such as LAFCO, Association of Governments, etc.):

- ✚ San Diego LAFCO, 1994-present: Commission Chair 2018 & 2019; Alternate 5 years; Special District Advisory Committee 14 years, Chair 2005-2009
- ✚ City of San Marcos Planning and Traffic Commissions
- ✚ Personally initiated the City of San Marcos Budget Review Committee in 1980, Chair 1996-2006
- ✚ Resource Conservation District of Greater San Diego County, Association Director, 2016 to present

4. List civic organization involvement and recognitions

- ✚ Special District Official of the Year by PublicCEO
- ✚ CSDA Legislative Advocate of the Year, 2011
- ✚ Graduate of CSDA's Special District Leadership Academy
- ✚ San Marcos Chamber of Commerce, Lifetime Ambassador
- ✚ Graduate of Leadership 2000, Cal State San Marcos
- ✚ Vista Community Development Associates, Treasurer
- ✚ Soroptimist International



RE-ELECT JO MACKENZIE

PROVEN EXPERIENCE LEADING SPECIAL DISTRICTS

- **DEDICATED**
- **FISCALLY RESPONSIBLE**
- **COMMITTED TO SPECIAL DISTRICTS**

It has been a privilege and honor to serve on the CSDA Board of Directors (Board) representing the Southern Network. Serving on the Board requires a commitment of time; I am in Sacramento at least twice a month for CSDA meetings. I have served as President, Vice President and Treasurer, and served as a Chair and/or member of the various committees. In 2010 and 2011, respectively, I was recognized as CSDA's Legislative Advocate of the Year and by PublicCEO as Special District Official of the Year.

During my tenure on the CSDA Board, I have formed working relationships throughout the Network and State that have given me an insight regarding the needs of special districts. Based on these insights and input from other CSDA directors, CSDA has worked to provide webinars at no cost to its members, begun offering the leadership academy three times a year and on-line, and the SDLF Board eliminated budget limits for scholarships. I serve on the CSDA and SDLF Boards, and I am proud of the collaboration that allows all special districts to take advantage of CSDA's programs.

During my term, I have been committed to continue building on the present foundation of CSDA's educational programs, state and federal legislative advocacy, and public outreach. CSDA is now the "voice of Special Districts", "the third leg of local government", and the 'go-to' association for legislative issues.

My proven leadership and public service experience, commitment to fiscal responsibility, and comprehensive LAFCO and special district knowledge make me the most qualified candidate to represent the Southern Network.

I have a true passion for and proven experience in leading Special Districts. I would be honored to continue serving on the CSDA Board as your Southern Network Director.

I am asking for your **Vote**.

ELECTRONIC VOTING ENDS JULY 26 AT 5:00 P.M.

**50+ CSDA EDUCATIONAL OPPORTUNITIES ARE LISTED ON
CSDA'S HOME PAGE**



1391 Engineer Street • Vista, California 92081-8840
Phone (760) 597-3100 • Fax: (760) 598-8757
www.vidwater.org

Board of Directors

Richard L. Vásquez, *President, Division 2*
Marty Miller, *Division 1*
Peter Kuchinsky II., *Division 3*
Patrick H. Sanchez, *Division 4*
Jo MacKenzie, *Division 5*

Administrative Staff

Brett L. Hodgkiss
General Manager
Ramae A. Ogilvie
Board Secretary
Elizabeth A. Mitchell
General Counsel

June 5, 2024

Re: Jo MacKenzie for CSDA Board of Directors, Southern Network, Seat A

Dear Board President:

On February 20, 2024, the Vista Irrigation District (VID) Board nominated Jo MacKenzie to the California Special Districts Association (CSDA) Board of Directors for the Southern Network, Seat A. As President of the Board, I'm requesting that your Board cast its vote for Jo MacKenzie, CSDA Board of Directors. Electronic ballot voting begins on June 10, 2024.

Jo's enthusiasm, commitment, and comprehensive knowledge of special districts have brought a high level of experience to the CSDA Board of Directors. Jo believes it is important that CSDA continue to be the voice of all special districts and build on the present foundation of legislative advocacy, educational programs, and public outreach.

Currently serving on the CSDA Board of Directors (Past President, 2011), Jo serves on the CSDA Legislative Committee; she served as the Committee Chair from 2006-2010 and in 2012 and was named Legislative Advocate of the Year in 2010. Jo currently serves as President of the CSDA Finance Corporation, and Vice President of the Special District Leadership Foundation. She also serves on the CSDA Member Services Committee and is very active with the San Diego Chapter of CSDA, serving as its President 1998-2000.

Jo was elected to the VID Board of Directors in 1992 and has since served as President nine times. She is currently a Commissioner on the San Diego Local Agencies Formation Commission (LAFCO) and served as Chair in 2019-2020; Jo has continuously served in various capacities on LAFCO since 1994. She has also served on the California Association LAFCO Board of Directors. Jo is a past Board Director for the Association of California Water Agencies and currently serves on its Membership and Local Government committees.

Jo is active in her local community, having served on the City of San Marcos Planning Commission, Traffic/Safety Commission, Budget Review Committee and Affordable Housing Task Force. She has also been active in the San Marcos Chamber of Commerce for over 30 years, serving as a Board Member and a Life Member Ambassador.

Jo is extremely active and engaged in all aspects of California special districts and her wealth of experience makes her the obvious choice for Southern Network, Seat A. I urge your Board to vote for Jo MacKenzie to continue her service as Seat A Director for the Southern Network. Thank you for your support!

Very truly yours,

A handwritten signature in blue ink that reads "Richard L. Vásquez".

Richard L. Vásquez
President, Board of Directors



DISCUSSION ITEM

July 1, 2024

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

FROM: Harvey De La Torre, General Manager

Staff Contact: Melissa Baum-Haley
Alex Heide

SUBJECT: PRESENTATION FROM METROPOLITAN STAFF ON THE CENTRAL VALLEY STORAGE MEMORANDUMS OF UNDERSTANDING (MOUS)

STAFF RECOMMENDATION

It is recommended that the Planning and Operations Committee discuss and file this information.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

Metropolitan has been working on collaborative efforts to build greater water reliability through the identification of potential water supply development opportunities in the San Joaquin Valley. In May of 2024, Metropolitan signed two Memorandum of Understandings (MOUs) to further this goal, the first with the Friant Water Authority and Westlands Water District, and the second with the San Joaquin Water Blueprint. Both MOUs formalized the intent of the parties to collaboratively work towards developing water supply programs and projects.

Friant Water Authority & Westlands Water District MOU

The MOU between Metropolitan, Friant Water Authority, and Westlands Water District establishes a framework for the intent to explore and potentially develop water supply management programs that promise both short- and long-term benefits.

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

The MOU outlines several key areas of collaboration, including program development, policy support, cost-sharing funding, and the anticipation of potential agreements that may arise from joint endeavors. These provisions are designed to build a strong collaboration, allowing for the agencies to look for opportunities to pool expertise, resources, and insights to address the pressing challenges facing water management systems.

San Joaquin Water Blueprint MOU

The MOU with the San Joaquin Water Blueprint formalizes both entities shared commitment to water management and sustainability in the San Joaquin Valley. Through this MOU, both entities seek to harness the collective expertise and resources for address the pressing challenges facing water management in the San Joaquin Valley, while also fostering innovation and sustainability.

Outlined within the MOU are key provisions of the proposed framework including the establishment of a workgroup comprised of representatives from interested agencies, and the intent to collaborate on cost-sharing funding arrangements for project development activities. Furthermore, the MOU anticipates the possibility of future agreements between Metropolitan and the San Joaquin Water Blueprint.

MWDOC staff have invited staff from Metropolitan to provide an update on both Central Valley Storage MOUs.

ALIGNMENT WITH BOARD STRATEGIC PRIORITIES

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



INFORMATION ITEM

July 1, 2024

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

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

Staff Contact: Sarah Wilson

SUBJECT: **Quarterly MWDOC K-12 Choice School Programs Update**

STAFF RECOMMENDATION

It is recommended that the Board of Directors: Receive and file this Quarterly MWDOC K-12 Choice School Programs Update. Included in this report is a full calendar preview of completed school visits for 2023-2024 school year.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

The Municipal Water District of Orange County (MWDOC) K-12 Choice School Program contractors—Shows That Teach and Orange County Department of Education’s (OCDE) Inside the Outdoors—have completed all sessions for the 2023-2024 school year

This report includes a calendar preview of completed visits for the 2023-2024 school year. MWDOC Choice School Program contractors update the shared Google Calendar so that participating water providers can view the sessions in their service area as they are booked throughout the school year. Login information for the shared Google Calendar is available upon request.

All MWDOC Choice School Programs incorporate hands-on interaction, pre- and post-program activities, and family and community engagement opportunities. Sessions are offered to schools either in person or virtually. This report includes a detailed breakdown of each program’s progress with teacher feedback, video links, and photos.

Budgeted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Budgeted amount: \$435,950	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	

DETAILED REPORT

Please see attachments and links outlined below.

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 checked="" type="checkbox"/> Solicit input and feedback from member agencies. |
| <input checked="" type="checkbox"/> Strengthen communications and coordination of messaging. | <input checked="" type="checkbox"/> Invest in workforce development and succession planning. |

List of Attachments/Links:
<p>Attachment 1: MWDOC Choice Elementary School Program (Grades K-2)</p> <ul style="list-style-type: none"> • Link 1: https://tinyurl.com/K2ProgramVideo (Video compilation of water assemblies and teacher feedback) <p>Attachment 2: MWDOC Choice Elementary School Program (Grades 3-5)</p> <p>Attachment 3: MWDOC Choice Middle and High School Programs (Grades 6-12)</p> <p>Attachment 4: MWDOC Choice School Program Calendar of Visits</p>



MWD OC Choice Elementary School Program (Grades K-2)

July 1, 2024

Shows That Teach offers Orange County students in grades K-2 fun and informative assemblies that use music, humor, and audience participation to engage students in water-centric topics such as the water cycle, water supply resources, and using water wisely. This interactive program also includes hands-on pre- and post-activities that encourage students to reflect on their relationship with water. This program is offered either in person or virtually to K-2 students combined. Multiple classrooms and grade levels can participate simultaneously.

COMPLETED PARTICIPATION TO DATE:

Totals reflect the number of presentations *completed* and students seen for the 2023-2024 school year.

- **In-person presentations hosted:** 85
- **Virtual presentations hosted:** 0
- **Total number of students seen:** 16,103
- **Presentations have been completed in the following service areas:** City of Anaheim, City of Brea, City of Buena Park, East Orange County Water District, El Toro Water District, City of Fountain Valley, City of Fullerton, City of Garden Grove, City of Huntington Beach, City of La Habra, City of La Palma, Laguna Beach County Water District, Moulton Niguel Water District, City of Orange, City of San Clemente, City of Santa Ana, Santa Margarita Water District, City of Seal Beach, South Coast Water District, Trabuco Canyon Water District, City of Tustin, City of Westminster

ADDITIONAL PROGRAM DETAILS AND MEASUREMENTS:

Video compilation of water assemblies and teacher feedback:

https://drive.google.com/file/d/1_zY5l6zRyToc10Blz1lhcl0AO71OF_CG/view?usp=sharing

TEACHER FEEDBACK:

“Not only was it fun and engaging for the students, they learned a great deal about conserving water!” - 2nd grade teacher, Ambuehl Elementary, Santa Margarita Water District’s service area

“We all enjoyed the performance (students and staff). The content was appropriate, engagement was high, and it was highly entertaining without getting too wild. The performers were amazing!” - 1st grade teacher, Top of the World Elementary, Laguna Beach County Water District’s service area

“The presenter was fun and engaging for the students. The material was age appropriate and presented in a fun way! Use of music and technology helped to present material!” – Kindergarten teacher, Marshall Elementary, City of Westminster’s service area



**MWDOC Choice Elementary School
Program (Grades 3-5)
July 1, 2024**

Orange County Department of Education's Inside the Outdoors offers Orange County students in grades 3-5 interactive, grade-specific lessons that engage students in valuable instruction on the history of California water, local climate and water sources, and how to use water efficiently. Each session includes student prompted interaction, demonstrations, and pre- and post-activities that guide students to examine how access to a reliable source of drinking water is important to every community. Participating students and their families also receive resources that complement the topics covered during the classroom session. This program is offered either in person or virtually to students in grades 3-5.

- **3rd Grade:** Compare and describe diverse weather and climate data and explore personal choices to protect our local water resources.
- **4th Grade:** Identify the key role water plays in California's history including the growth and expansion of towns and cities.
- **5th Grade:** Examine existing water management solutions and determine ways to protect the quality and quantity of water.

COMPLETED PARTICIPATION TO DATE:

Totals reflect the number of presentations *completed* and students seen for the 2023-2024 school year.

- **In-person presentations hosted:** 307
- **Virtual presentations hosted:** 3
- **Total number of students seen:** 19,728
- **Presentations have been completed in the following service areas:** City of Anaheim, City of Brea, City of Buena Park, El Toro Water District, City of Fountain Valley, City of Fullerton, City of Garden Grove, City of Huntington Beach, City of La Habra, City of La Palma, Moulton Niguel Water District, City of Orange, City of San Clemente, City of Santa Ana, South Coast Water District, Santa Margarita Water District, Trabuco Canyon Water District, City of Tustin, City of Westminster, Yorba Linda Water District

SCHEDULED PARTICIPATION TO DATE:

Totals reflect the number of presentations currently *scheduled* and students expected to participate in the upcoming months of the **upcoming 2024-2025** school year.

- **In-person presentations scheduled:** 20
- **Virtual presentations scheduled:**
- **Total number of students expected:** 1184
- **Upcoming presentations have been scheduled in the following service areas:** City of Anaheim, City of Brea, City of Fountain Valley, City of Garden Grove

ADDITIONAL PROGRAM DETAILS AND MEASUREMENTS:

“This program benefited me as my students definitely became more aware of how much water they use. My students are now more aware and are starting to practice saving water here at school.” – 4th grade teacher, Courreges Elementary School, City of Fountain Valley’s service area

“The engaging activities were awesome! Everything was appropriate for 5th graders. We enjoyed it.” – 5th grade teacher, Kinetic Academy, City of Huntington Beach’s service area

5th grade students at Courreges School, served by the City of Fountain Valley



3rd, 4th, and 5th grade Drip Drop Assemblies at Hawes School, served by the City of Huntington Beach





MWDOC Choice Middle and High School Programs (Grades 6-12) July 1, 2024

Orange County Department of Education's Inside the Outdoors offers Orange County students in grades 6-12 grade-specific classroom sessions that guide students to investigate challenges faced by water providers and identify sources of human impact on the quality, quantity, and availability of water in their communities. Each session includes student prompted interaction, demonstrations, and pre- and post-activities that engage students in developing solutions to real-world problems. This program is offered either in person or virtually to students in grades 6-12.

- **6th-8th Grade:** Students analyze water samples to identify sources of potential pollution and form strategies to monitor or minimize pollution.
- **9th-12th Grade:** Students collect and analyze data to explore the role of the Sacramento-San Joaquin Delta and its connection to our local water resources.

COMPLETED PARTICIPATION TO DATE:

Totals reflect the number of presentations *completed* and students seen for the 2023-2024 school year.

Middle School Program (grades 6-8)

- **In-person presentations hosted:** 73
- **Virtual presentations hosted:**
- **Total number of students seen:** 1,832
- **Presentations have been completed in the following service areas:** City of Anaheim, City of Buena Park, El Toro Water District, City of Fountain Valley, City of Garden Grove, City of Huntington Beach, City of La Habra, Moulton Niguel Water District, City of Santa Ana, Santa Margarita Water District, Trabuco Canyon Water District, City of Tustin, City of Westminster

High School Program (grades 9-12)

- **In-person presentations hosted:** 19
- **Virtual presentations hosted:**
- **Total number of students seen:** 498
- **Presentations have been completed in the following service areas:** City of Fountain Valley, City of Huntington Beach, Moulton Niguel Water District, City of Santa Ana, South Coast Water District

SCHEDULED PARTICIPATION TO DATE:

Totals reflect the number of presentations currently *scheduled* and students expected to participate in the upcoming months of the **upcoming 2024-2025** school year.

Middle School Program (grades 6-8)

- In-person presentations scheduled: 10
- Virtual presentations scheduled: 0
- Total number of students expected: 269
- Upcoming presentations have been scheduled in the following service areas:
City of Anaheim, City of Fountain Valley, City of Garden Grove

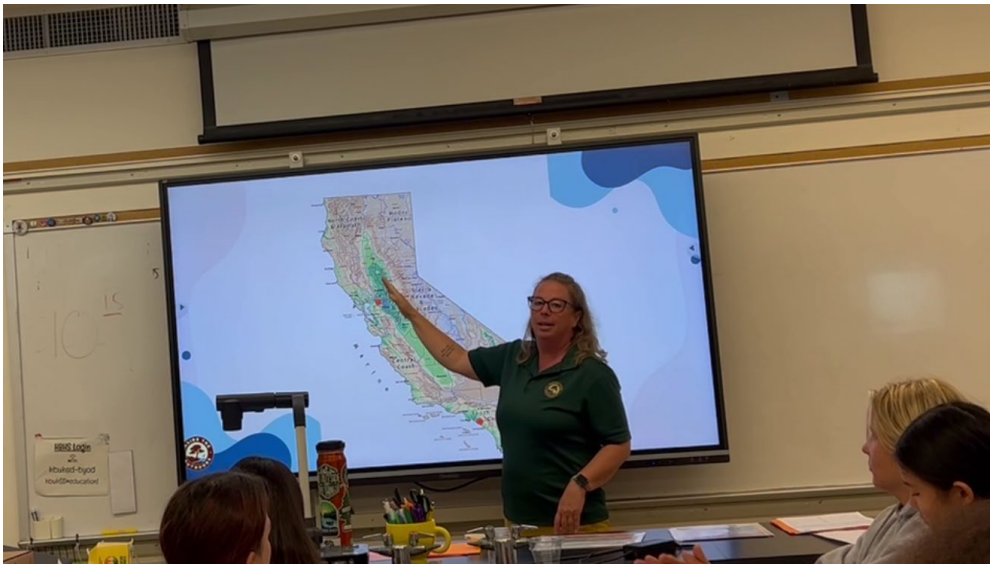
ADDITIONAL PROGRAM DETAILS AND MEASUREMENTS:

“Students got to participate in a lab with real world applications.” - Teacher from Mendez Fundamental School, served by the City of Santa Ana

“It benefited me by having a guest teacher and my students had a lively interesting day.” - Teacher from Dana Hills High School, served by South Coast Water District

“Any time they can do a hands-on lab with outside scientists, it’s a win.” - Teacher from Vista View Middle School, served by the City of Huntington Beach

“The H2O water traveling scientist were amazing! We loved them and they did such a great job! We all were impressed. It was really fun! Thank you again for this wonderful opportunity!” - Teacher from Cook School, served by the City of Garden Grove



Wonders of H2O at Huntington Beach High School, served by the City of Huntington Beach

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25 3-5 GARDEN GROVE	26
27	28	29	30 K-2 SMWD Kinoshita	31	1	2

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30 K-2 SMWD Kinoshita	31	1	2
3	4	5	6	7	8 3-5 ANAHEIM SunKist 3-5 MNWD Oak Grove	9
10	11 K-2 GARDEN GROVE K-2 TUSTIN Red Hill Elem	12	13	14	15 3-5 ANAHEIM Madison K-2 SANTA ANA Wilson	16
17	18 3-5 SANTA ANA Monroe	19	20	21 6-12 ANAHEIM Palm	22 K-2 SAN CLEMENTE	23
24	25 6-12 ANAHEIM South	26	27	28	29 K-2 ANAHEIM Price Elem K-2 SANTA ANA Esqueda	30

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 3-5 TUSTIN Estock Elem	3	4 3-5 ANAHEIM Palm Lane	5	6 3-5 GARDEN GROVE 3-5 HUNTINGTON BEACH	7
8	9 3-5 BREA Brea Country 3-5 BUENA PARK Emery	10 K-2 WESTMINSTER	11 3-5 SANTA ANA Hazard K-2 SANTA ANA R. F. K-2 WESTMINSTER	12	13 3-5 GARDEN GROVE K-2 GARDEN GROVE at K-2 TUSTIN Nelson Elem	14
15	16 3-5 ANAHEIM Price Elem 3-5 BUENA PARK K-2 ANAHEIM Canyon	17	18	19	20 3-5 ETWD San Joaquin 3-5 LA HABRA Ladera K-2 ETWD San Joaquin K-2 WESTMINSTER John	21
22	23 3-5 FOUNTAIN VALLEY	24 K-2 TUSTIN Sycamore	25 K-2 ORANGE California K-2 SEAL BEACH	26	27 3-5 SANTA ANA Edison 3-5 SCWD RH Dana Elem	28
29	30 K-2 ETWD Grace Christian K-2 SAN CLEMENTE	31	1 3-5 TUSTIN St. Jeanne de	2 3-5 - ANAHEIM Orange K-2 SANTA ANA Heroes K-2 SANTA ANA at	3	4

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30 K-2 ETWD Grace Christian K-2 SAN CLEMENTE	31	1 3-5 TUSTIN St. Jeanne de	2 3-5 - ANAHEIM Orange K-2 SANTA ANA Heroes K-2 SANTA ANA at	3	4
5	6	7	8	9 K-2 ANAHEIM Jefferson K-2 WESTMINSTER	10	11
12	13 6-12 WESTMINSTER	14 K-2 ANAHEIM at K-2 HUNTINGTON BEACH	15	16	17 6-12 BUENA PARK K-2 GARDEN GROVE K-2 LA HABRA Ladera K-2 SIMWD Oxford Prep K-2 WESTMINSTER Post	18
19	20	21	22	23	24	25
26	27 6-12 ANAHEIM Madison K-2 SCWD RH Dana Elem K-2 SIMWD Fairmont	28	29	30	1 3-5 ANAHEIM Roosevelt	2

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28 6-12 ANAHEIM Madison K-2 SCWD RH Dana Elem K-2 SMWD Fairmont	29	30	1 3-5 ANAHEIM Roosevelt	2
3	4 3-5 ANAHEIM Centralia	5 6-12 SANTA ANA Valley K-2 SANTA ANA Heritage	6	7 3-5 (virtua) ANAHEIM	8	9
10	11 3-5 FULLERTON K-2 HUNTINGTON BEACH	12 3-5 SMWD Ambuehl	13 3-5 TUSTIN Red Hill K-2 HUNTINGTON BEACH	14 3-5 TUSTIN Sycamore	15	16
17	18 3-5 FULLERTON Acacia	19 6-12 FOUNTAIN VALLEY	20 3-5 BREA Falcon K-2 BREA Mariposa Elem	21 3-5 GARDEN GROVE 6-12 GARDEN GROVE	22 K-2 GARDEN GROVE C.C. K-2 GARDEN GROVE	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18 3-5 FULLERTON Fern	19 3-5 GARDEN GROVE Cook	20
21	22	23	24 K-2 BREA Olinde Elem	25 3-5 WESTMINSTER	26	27
28	29 3-5 ETWD Grace Christian	30	31 K-2 MNWD Malcom Elem	1	2 3-5 BUENA PARK 3-5 ORANGE Palmyra K-2 TUSTIN Loma Vista	3

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29 3-5 ETWD Grace Christian	30	31 K-2 MNWD Malcom Elem	1	2 3-5 BUENA PARK 3-5 ORANGE Palmyra K-2 TUSTIN Loma Vista	3
4	5 3-5 WESTMINSTER K-2 GARDEN GROVE K-2 TCWD Trabuco Elem	6	7	8 K-2 ANAHEIM Anaheim K-2 HUNTINGTON BEACH	9 3-5 SMWD Hankey K8	10
11	12 3-5 GARDEN GROVE	13	14 3-5 MNWD Lomarena	15 3-5 SANTA ANA	16	17
18	19 3-5 GARDEN GROVE Cook	20	21 3-5 HUNTINGTON BEACH	22 3-5 WESTMINSTER Star	23 3-5 FULLERTON Hermosa 3-5 TUSTIN Loma Vista	24
25	26 3-5 SANTA ANA Heritage	27 6-12 SANTA ANA K-2 FULLERTON Sunset	28	29 3-5 MNWD Glen Yermo 6-12 SANTA ANA	1 3-5 FOUNTAIN VALLEY 6-12 SANTA ANA K-2 ANAHEIM Guinn Elem K-2 TUSTIN Beswick	2

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26 3-5 SANTA ANA Heritage 6-12 SANTA ANA K-2 FULLERTON Sunset	27 6-12 SANTA ANA K-2 FULLERTON Sunset	28	29 3-5 MNWD Glen Yermo 6-12 SANTA ANA	1 3-5 FOUNTAIN VALLEY 6-12 SANTA ANA K-2 ANAHEIM Guinn Elem K-2 TUSTIN Beswick	2
3	4 6-12 SANTA ANA 6-12 TUSTIN St. Jeanne	5 3-5 SMWD Bathgate	6 K-2 HUNTINGTON BEACH K-2 HUNTINGTON BEACH	7 3-5 SMWD Las Flores K-2 MNWD Bergeson K-2 SANTA ANA Lowell	8 3-5 SANTA ANA Garfield	9
10	11	12 3-5 HUNTINGTON BEACH	13	14 3-5 HUNTINGTON BEACH 3-5 MNWD Montevideo	15 3-5 GARDEN GROVE K-2 EOCWD Panorama K-2 SANTA ANA Orange	16
17	18 3-5 TCWD Trabuco 6-12 TCWD Trabuco K-2 FOUNTAIN VALLEY K-2 HUNTINGTON BEACH K-2 SANTA ANA Fremont	19 3-5 MNWD Linda Vista	20 3-5 BREA Arovista School 3-5 HUNTINGTON BEACH	21 3-5 SMWD Cielo Vista	22	23
24	25 3-5 SANTA ANA Davis 6-12 MNWD Silverado	26	27 3-5 BREA Olinda School 6-12 SANTA ANA Willard	28 3-5 FULLERTON Richman	29 K-2 MNWD Montevideo	30
31	1 3-5 GARDEN GROVE 3-5 GARDEN GROVE	2 6-12 WESTMINSTER	3	4	5 3-5 GARDEN GROVE 3-5 TUSTIN Beswick	6

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1 3-5 GARDEN GROVE 3-5 GARDEN GROVE	2 6-12 WESTMINSTER	3	4 3-5 FULLERTON Richman	5 3-5 GARDEN GROVE 3-5 TUSTIN Beswick	6
7	8 3-5 GARDEN GROVE 3-5 WESTMINSTER 6-12 SCWD Dana Hills	9 K-2 ORANGE Linda Vista K-2 ORANGE Olive Elem	10 3-5 HUNTINGTON BEACH 3-5 SANTA ANA Carver	11 3-5 FULLERTON Sunset 3-5 SMWD Kinoshita	12	13
14	15 3-5 SAN CLEMENTE K-2 MNWD Wood Canyon	16 3-5 SANTA ANA 3-5 SANTA ANA Martin 6-12 MNWD Linda Vista	17	18 K-2 LA PALMA Los K-2 ORANGE Holy Family	19	20
21	22 3-5 GARDEN GROVE 3-5 HUNTINGTON BEACH K-2 FULLERTON Ivy Crest K-2 GARDEN GROVE K-2 TUSTIN St. Cecilia 10am - K-2 ANAHEIM	23 3-5 GARDEN GROVE 3-5 HUNTINGTON BEACH K-2 SANTA ANA Edison	24 3-5 TUSTIN Nelson K-2 LAGUNA BEACH Top	25 3-5 GARDEN GROVE 3-5 SMWD Arroyo Vista K-2 FOUNTAIN VALLEY	26	27
28	29 3-5 SANTA ANA Wilson K-2 BUENA PARK	30 3-5 HUNTINGTON BEACH K-2 HUNTINGTON BEACH	1 3-5 GARDEN GROVE	2 3-5- SANTA ANA King	3 3-5 MNWD Wood Canyon	4

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29 3-5 SANTA ANA Wilson K-2 BUENA PARK	30 3-5 HUNTINGTON BEACH K-2 HUNTINGTON BEACH	1 3-5 GARDEN GROVE	2 3-5- SANTA ANA King	3 3-5 MNWD Wood Canyon	4
5	6 3-5 BUENA PARK Gilbert 3-5 TUSTIN Tustin K-2 MNWD Bathgate	7	8 3-5 SANTA ANA Diamond K-2 ORANGE Taft Elem	9 3-5 SANTA ANA Diamond K-2 ORANGE Taft Elem	10 3-5 GARDEN GROVE	11
12	13 3-5 SAN CLEMENTE Lobo 3-5 SANTA ANA Esqueda K-2 SANTA ANA Adams K-2 SANTA ANA Taft	14 3-5 SANTA ANA Rosita K-2 SANTA ANA Monroe K-2 SMWD Ambuehl Elem	15 K-2 SANTA ANA K-2 SANTA ANA at	16 6-8 ETWD San Joaquin 6-8 LA HABRA Sierra	17 3-5 LA PALMA Los	18
19	20 3-5 SANTA ANA Adams 3-5 YLWD Wagner School 6-8 SMWD Las Flores TK- K-2 ANAHEIM Vibrant K-2 BREA Brea Country	21 K-2 BUENA PARK San K-2 BUENA PARK St. Pius K-2 MNWD Oak Grove K-2 SMWD Tijeras Creek	22 3-5 MNWD De Portola 3-5 SANTA ANA	23	24 3-5 WESTMINSTER	25
26	27	28	29 6-12 FOUNTAIN VALLEY	30 3-5 HUNTINGTON BEACH	31 3-5 HUNTINGTON BEACH 3-5 WESTMINSTER	1

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1
			6-12 FOUNTAIN VALLEY	3-5 HUNTINGTON BEACH	3-5 HUNTINGTON BEACH 3-5 WESTMINSTER	
2	3	4	5	6	7	8
	3-5 HUNTINGTON BEACH 6-8 HUNTINGTON BEACH	3-5 YLWD Travis Ranch 6-8 HUNTINGTON BEACH	6-8 HUNTINGTON BEACH			
9	10	11	12	13	14	15
	6-12 HUNTINGTON	3-5 FOUNTAIN VALLEY				
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6



INFORMATION ITEM

July 1, 2024

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

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

SUBJECT: Speakers Bureau Quarterly Report

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 MWD OC Speakers Bureau has had an active and influential quarter, connecting with a variety of audiences through 36 speaking engagements. These events have given our staff and Board Members the opportunity to address vital water issues, share knowledge on water management strategies, and promote collaborations that support our mission of water reliability and stewardship. The attached matrix highlights the key messages conveyed during these engagements.

ALIGNMENT WITH BOARD STRATEGIC PRIORITIES

- | | |
|---|--|
| <input checked="" type="checkbox"/> Clarifying MWD OC’s mission and role; defining functions and actions. | <input checked="" type="checkbox"/> Work with member agencies to develop water supply and demand objectives. |
| <input checked="" 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 checked="" type="checkbox"/> Strengthen communications and coordination of messaging. | <input checked="" type="checkbox"/> Invest in workforce development and succession planning. |

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

List of Attachments/Links:
<i>Attachment 1: Speakers Bureau Quarterly Matrix</i>



MWDOC SPEAKERS BUREAU April-June 2024

EVENT DATE	EVENT TITLE	MWDOC SPEAKER (NAME, TITLE/DEPT)	TOPIC/DESCRIPTION	AUDIENCE
4/1/2024	City Engineers Association of Orange County	Charles Busslinger, District Engineer	Upcoming Water Issues for Orange County	OC City Engineers luncheon
4/16/2024	WEEA Leadership Roundtable Meeting	Tiffany Baca, Public Affairs Manager	Workforce development	Water and energy industry and education professionals, workforce advocates
4/20/2024	Coronet Park Earth Day Event	Tiffany Baca, Public Affairs Manager Sarah Wilson, Public Affairs Specialist Nate Shepherd, Public Affairs Coordinator Claire Johnson, Public Affairs Coordinator	MWDOC rebates, good water stewardship	OC Residents of all ages
4/23/2024	OC Talk Radio - Interview	Harvey De La Torre, General Manager	Status of Water conditions and local reliability projects	OC Talk Radio listeners
4/25/2024	OC Civic Learning Celebration	Director Randy Crane - MWDOC staff support: Tiffany Baca and Sarah Wilson, Public Affairs	Role of water in local communities	OC students and families



EVENT DATE	EVENT TITLE	MWDOC SPEAKER (NAME, TITLE/DEPT)	TOPIC/DESCRIPTION	AUDIENCE
4/3/2024	California Emergency Services Association - Southern Chapter Spring Program	Vicki Osborn, Director of Emergency Management, WEROC	Expand our horizons beyond local government and learn about different sectors of Emergency Management: Tribal, Transportation and Water	Emergency Managers across disciplines from SoCal
4/30/2024	Senate Candidate Steve Garvey	Harvey De La Torre, General Manager	OC Water briefing & MWDOC role	Steve Garvey & Staff
4/30/2024	MARAC Southern Region	Vicki Osborn, Director of Emergency Management, WEROC	Briefing on water/waste water events for the last quarter	All levels of Emergency Management from local, state federal and different disciplines
4/4/2024	PG&E Water Conservation Showcase	Joe Berg, Director of WUE	Panel Presentation Re Conservation as a California Way of Life	
4/4/2024	April OC Water Use Efficiency Workgroup Meeting	WUE Department	WUEupdates/presentations on topics including Conservation Framework and other MWDOC programs	OC retail agency staff and other WUE stakeholders



EVENT DATE	EVENT TITLE	MWDOC SPEAKER (NAME, TITLE/DEPT)	TOPIC/DESCRIPTION	AUDIENCE
4/4/2024	La Palma Community Event	Nate Shepehrd, Public Affairs Coordinator Claire Jounson, Public Affairs Coordinator	MWDOC rebates, good water stewardship, MWDOC's purpose	La Palma residents
4/9/2024	OCWD TableTop Exercise and Workshop	Vicki Osborn, Director of Emergency Management, WEROC	OCWD Emergency Response Plan workshop and outage tabletop	OCWD Management and departments responsible to work in the EOC
5/11/2024	Trabuco Canyon Water District's Water Awareness Day	Claire Johnson, Public Affairs Coordinator Katie Vincent, Public Affairs Coordinator	MWDOC rebates, good water stewardship	OC Residents of all ages
5/14/2024	California Association of Public Information Officials 2024 Spring Conference	Tiffany Baca, Public Affairs Manager Sarah Wilson, Public Affairs Specialist	Garnering support through education, information, and partnerships	California Public Information Officers
5/2/2024	May OC Water Use Efficiency Workgroup Meeting	WUE Department	WUE updates/presentations on topics including Conservation Framework and other MWDOC programs	OC retail agency staff and other WUE stakeholders
5/29/2024	Orange County Vector Control Briefing	Vicki Osborn, Director of Emergency Management, WEROC	Establishing an emergency management structure	Vector Control Management Team



EVENT DATE	EVENT TITLE	MWDOC SPEAKER (NAME, TITLE/DEPT)	TOPIC/DESCRIPTION	AUDIENCE
			to handle an event	
5/3/2024	Standardized Emergency Management System Advisory Board	Vicki Osborn, Director of Emergency Management, WEROC	Approval of the Alert and Warning Plan	All levels of Emergency Management from local, state federal and different disciplines
5/30/2024	California Water Efficiency Partnership	Joe Berg, Director of WUE	Panel Presentation Re Sunsetting WUE Programs	
5/4/2024	NatureScape Garden Tour	Melissa Hurtado, WUE Intern Alondra Renteria Solis, WUE Intern	Water efficiency and available MWDOC programs and rebates	Members of the public
5/4/2024	Santa Margarita Water District Water Festival	Nate Shepherd, Public Affairs Coordinator Janine Schunk, WEROC Specialist	MWDOC rebates, good water stewardship	OC Residents of all ages
5/6/2024	California Emergency Services Association Conference	Vicki Osborn, Director of Emergency Management, WEROC	EM 101 8 Hr Training	All levels of Emergency Management from local, state, private and different disciplines
5/7/2024	North Hills Realty Homeowners Sustainability Workshop	Tina Fan, WUE Analyst I	Presented on the Turf Replacement Program and other MWDOC rebates	OC homeowners
5/8/2024	California Emergency Services Association Conference	Vicki Osborn, Director of Emergency Management, WEROC	Working with Water in the State of California	All levels of Emergency Management from local,



EVENT DATE	EVENT TITLE	MWDOC SPEAKER (NAME, TITLE/DEPT)	TOPIC/DESCRIPTION	AUDIENCE
				state, private and different disciplines
6/5/2024	CALWARN Statewide Workshop and TTX	Vicki Osborn, Director of Emergency Management, WEROC	CalWARN Operations Place, Day to Day Mutual Aid	Statewide CalWARN Coordinating Agencies, state water, and EPA
6/6/2024	June OC Water Use Efficiency Workgroup Meeting	WUE Department	WUE updates/presentations on topics including Conservation Framework and other MWDOC programs	OC retail agency staff and other WUE stakeholders
6/8/2024	OC Sanitation Open House	Katie Vincent, Public Affairs Coordinator Nate Shepherd, Public Affairs Coordinator	MWDOC rebates, good water stewardship, MWDOC's purpose	OC Residents of all ages
6/12/2024	Mesa Water Board of Directors	Harvey De La Torre, General Manager	Status of MET & MWDOC Issues and Projects	Mesa Water Board of Directors & Staff
6/17/2024	Proposition 1 DWR Staff Tour	Joe Berg, Director of WUE Rachel Waite, WUE Programs Supervisor Tina Fann, WUE Analyst I	Tour of Turf Replacement Sites Receiving Proposition 1 Grant Funds	DWR and OC Public Works staff, Moulton Niguel WD staff
6/17/2024	WEROC Coordination Meeting	Vicki Osborn, Director of Emergency Management, WEROC	Refer to GM report for topics	WEROC Signatory Agencies



EVENT DATE	EVENT TITLE	MWDOC SPEAKER (NAME, TITLE/DEPT)	TOPIC/DESCRIPTION	AUDIENCE
		Janine Shunk, Interim WEROC Specialist		
6/18/2024	WEEA Leadership Roundtable Meeting	Tiffany Baca, Public Affairs Manager	Workforce development	Water and energy industry and education professionals, workforce advocates
6/20/2024	Vista Meridian Energy, Environment, & Utilities Advisory	Tiffany Baca, Public Affairs Manager	Workforce development, WEEA 101	Advisory panel to educators on career pathway design and implementation.
6/22/2024	Water Awareness Poster Contest Awards Ceremony	Tiffany Baca, Public Affairs Manager Sarah Wilson, Public Affairs Specialist Katie Vincent, Public Affairs Coordinator Nate Shepherd, Public Affairs Coordinator	Water awareness and good water stewardship	K-12 Students, teachers, and their families
6/26/2024	City of Orange New-Staff Orientation to MWDOC WUE Programs	Joe Berg, Director of WUE Rachel Waite, WUE Program Supervisor Rachel Davis, WLC Program Supervisor	Provide an orientation to new staff at the City of Orange Re all MWDOC and Met WUE and WLC Programs available to the City	
6/26/2024	Water Environment Federation's Operators Advisory Panel	Tiffany Baca, Public Affairs Manager	Workforce development, WEEA 101	Water industry and education professionals



INFORMATION ITEM

July 1, 2024

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

FROM: **Harvey De La Torre, General Manager**
Staff Contact: Vicki Osborn

SUBJECT: **WEROC Coordination Meeting/Briefing PowerPoint**

STAFF RECOMMENDATION

It is recommended that the Board of Directors review the attached PowerPoint and receive and file it.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

WEROC coordinates with many of its member agencies every week and in some cases every day to assist with the different needs and requirements our agencies are facing with being prepared to mitigate, respond and recover from emergency events that may occur within our service areas. Each quarter, WEROC hosts a coordination planning meeting in which we review big programs and projects and brief on immediate items in person along with planning together on different topics such as the water distribution plan. Agencies together set the training schedule based on the needs of the WEROC agencies.

Attached is the PowerPoint from the coordination meeting. Additional information or questions can be directed to Vicki Osborn, Director of Emergency Management.

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

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.*

Additional Comments:

List of Attachments/Links:
<i>Attachment 1: WEROC Coordination Meeting June 2024 Power Point and Notes</i>





Welcome and Introductions

REVIEW

Additions to the Agenda

Incidents and Events – 2024 Quarter 2



Blue Ridge Fire - October 2020 YLWD Heli-Hydrant
Photo Courtesy of YLWD

MARCH EVENTS

Foxtrot Anchorage Oil Sheen

APRIL EVENTS

Nothing significant to report

MAY EVENTS

Nothing significant to report.

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

MARCH EVENTS

Foxtrot Anchorage Oil Sheen

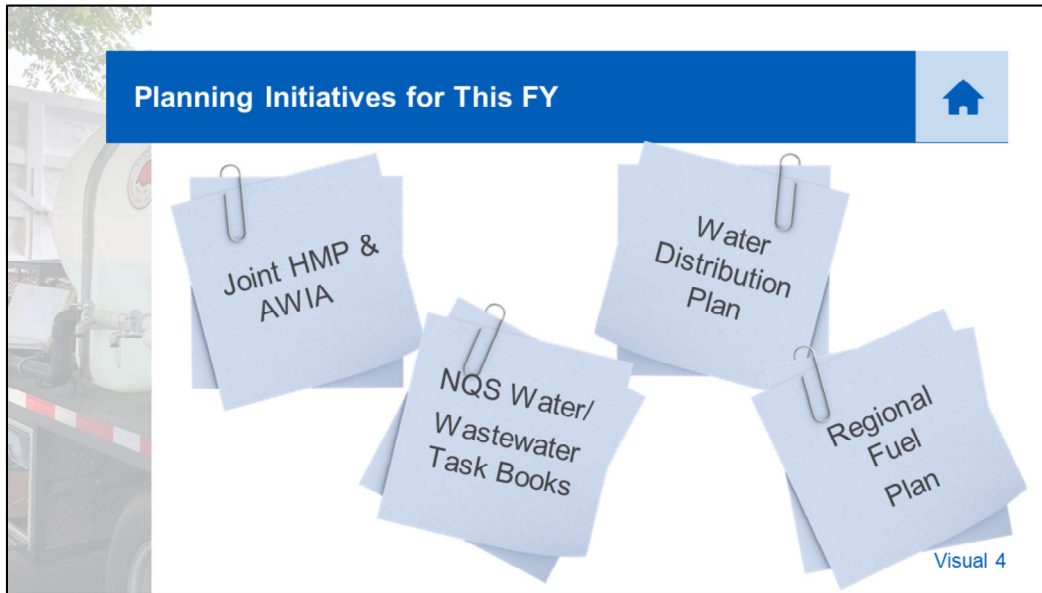
The Foxtrot Anchorage Oil Sheen Incident required effort from the WEROC Office in support of the Member Agencies to obtain information from the coordination calls and liaison updates in the event the oil sheen affected our Member Agencies. There were no reported impacts to any of WEROC's Member Agencies.

APRIL EVENTS


Nothing significant to report

MAY EVENTS

Nothing significant to report.



Detail for each listed item above will be contained in slides to follow later during

Cal Osha Workplace Violence Regulations WPV-General-Industry-for-employers-fs.pdf (ca.gov)		
Requirements		Statutes Associated with Law
<ul style="list-style-type: none"> • Prohibiting employee retaliation • Accepting and responding to reports of workplace violence. • Workplace violence hazard assessments • Employee workplace violence training and communication. • Emergency response • Other requirements, such as maintaining a Violent Incident Log. 	 SB 553 July 1, 2024	<p>6401.7 Plan Requirements Labor Code 6401.9 Section 3203 (Injury and Illness Prevention). • Section 14300 (Employer Records-Log 300). title 8, section 342(a). Reporting Work-Connected Fatalities and Serious Injuries</p> <p><small>This document is available with active links at www.dir.ca.gov/dosh/dosh_publications. For assistance regarding this subject matter, employers may contact Cal/OSHA Consultation Services at 1-800-963-9424 or InfoCons@dir.ca.gov</small></p>

- Codified Labor Code section 6401.9, which sets out the requirements for the plan. Starting July 1, 2024, the majority of employers in California must establish, implement, and maintain a Workplace Violence Prevention Plan that includes:
 - Prohibiting employee retaliation.
 - Accepting and responding to reports of workplace violence.
 - Employee workplace violence training and communication.
 - Emergency response.
 - Workplace violence hazard assessments.
 - Other requirements, such as maintaining a Violent Incident Log.

- [WPV-General-Industry-for-employers-fs.pdf \(ca.gov\)](#) **Fact Sheet

fact sheet is an overview of the California Senate Bill 553 (SB 553), which was signed into law on September 30, 2023. SB 553 amended Labor Code section 6401.7 to require employers to develop and implement a workplace violence prevention plan in accordance with newly codified Labor Code section 6401.9, which sets out the requirements for the plan. Starting July 1, 2024, the majority of employers in California must establish, implement, and maintain a Workplace Violence Prevention Plan that includes:

- Prohibiting employee retaliation.
- Accepting and responding to reports of workplace violence.
- Employee workplace violence training and communication.
- Emergency response.
- Workplace violence hazard

assessments. • Other requirements, such as maintaining a Violent Incident Log.

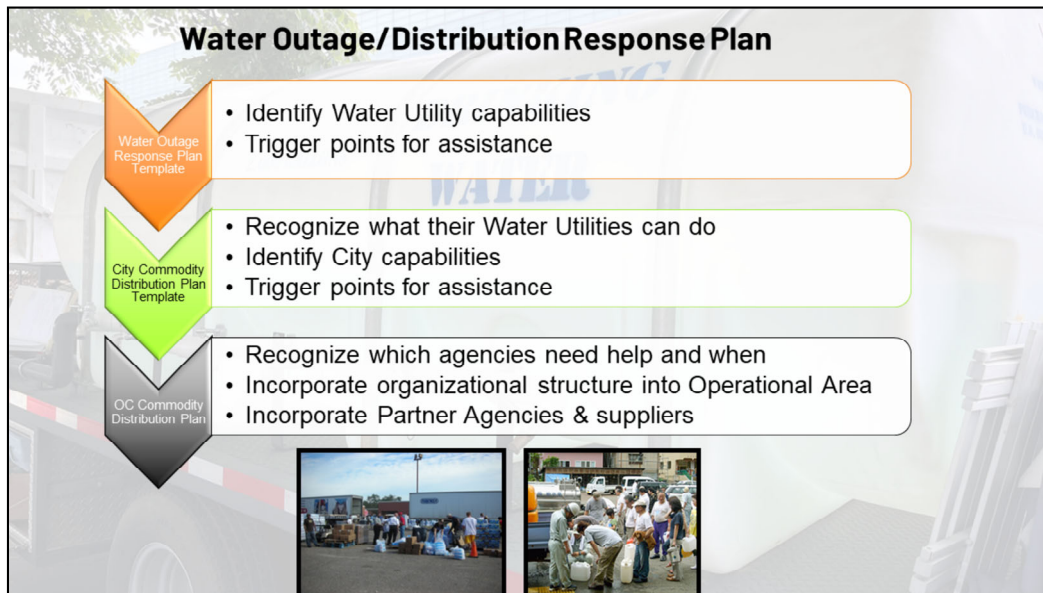
CARB Diesel Engine Update

A	B	C	D	E	F	G	H	I	J	K	L
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	Neupert Beach										
2	Life/Pump Station/Well	Location/Address	Type of Emergency	Mobile or Stationary	Manufacturer	Serial #	Type of Fuel	Fuel storage capacity (Gallons)	Available Run Time on full tank	Why Critical?	Other Info
3	1	16th St Reservoir and Pump Station 951 W. 16th Street N.B. CA 92663	None								
4	2	Zone 4 Pump Station 3300 Pacific View Dr. N.B. CA 92660	Back Up Pump				Natural Gas				
5	3	Zone 5 Pump Station 10 Morris Bay C. D.M. CA 92660	Generator	Stationary			Natural Gas				100 kW generator
6	4	Hillsborough Auxiliary Station 1 Hillsborough C. D.M. CA 92660	None								
7	5	Zone 3 Pump Station 3300 Pacific View Dr. N.B. CA 92660	Generator	Stationary			Natural Gas/Diesel	1,000			600 kW generator
8	6	Dolphin GW Well Site 1649 Dolphin Ave F.S. CA 92708	None								
9	7	Tamura GW Well Site 17399 Magnolia F.V. CA 92708	None								
10											
11											
12											
13											

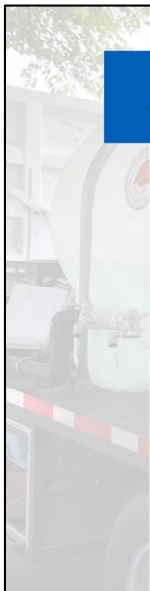
- WEROC Actions:
 - Meetings with Vendors
 - Meeting with CalOES
 - Nancy Ward
 - Tina Curry
 - Meeting with CSDA
 - Monitoring CARB
 - Public comment on new regs I 2025 (which is when they go into effect) will be a challenge to change anything if we don't act now

- Regional Fuel Plan
 - Impacts to current plan
 - Overview of plan vision
 - Meeting with agencies already with a process ie (fire base camp)

 - Agency request for all fuel needs not just generator and fleet (yes/do decision)




- Meetings with Cities and Water Bottling companies to establish a regional contract
- Tabletops to analyze the theories within the plan and to socialize with the cities have been identified. ** See the Exercise Slides



AWIA Update Project & Multi-Jurisdictional HMP

- HMP Kickoff meeting on 6/17
- AWIA of 2018 (2025 Update)
 - RRA
 - Cyber
 - ERP



- HMP Kickoff meeting on 6/17
 - This project is on a tight timeline and all participants need to be on top of requests and cannot miss timelines.
- AWIA
 - BBK working on the choice contract between MWDOC and Participating
 - Vicki finalized the contract between MWDOC/WEROC and HSG
 - Just like last time, tier 1 agencies will go first.



GIS & WEROC Mapping Project Update

- GIS
 - IDE Layers
 - Other needs or requests Discussion
 - Meeting at end of month with WUE
- Regional WEROC Atlas Map Project Update
 - Phase 1 completed
 - Next steps

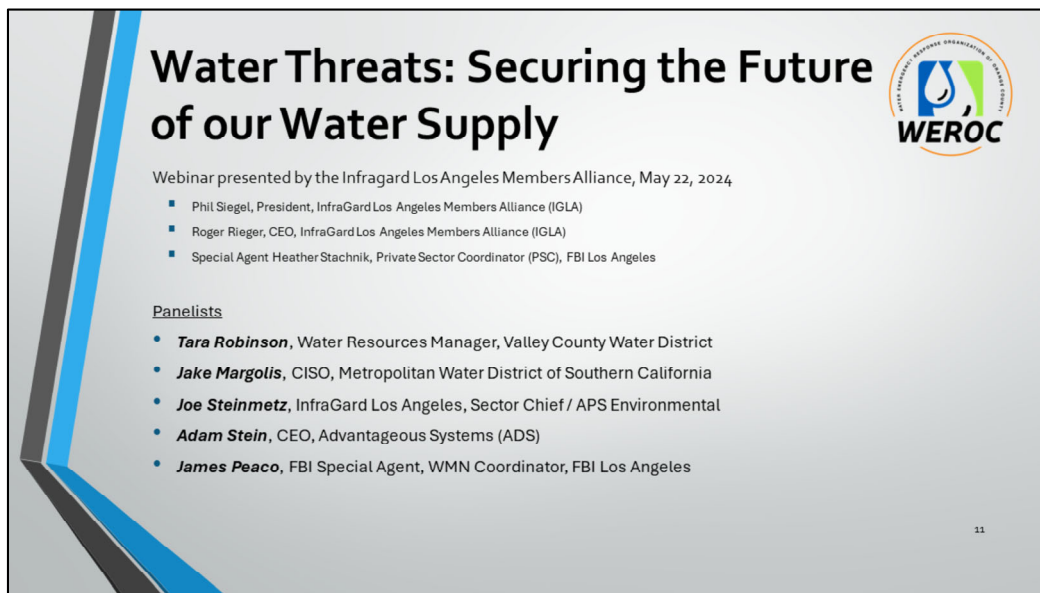


GIS

Vicki is working with Rachel Davis on implementing the boards from Yolo County who developed a series of products that can be used and implemented for IDEs.

WEROC Mapping Project

See Janine for notes or questions



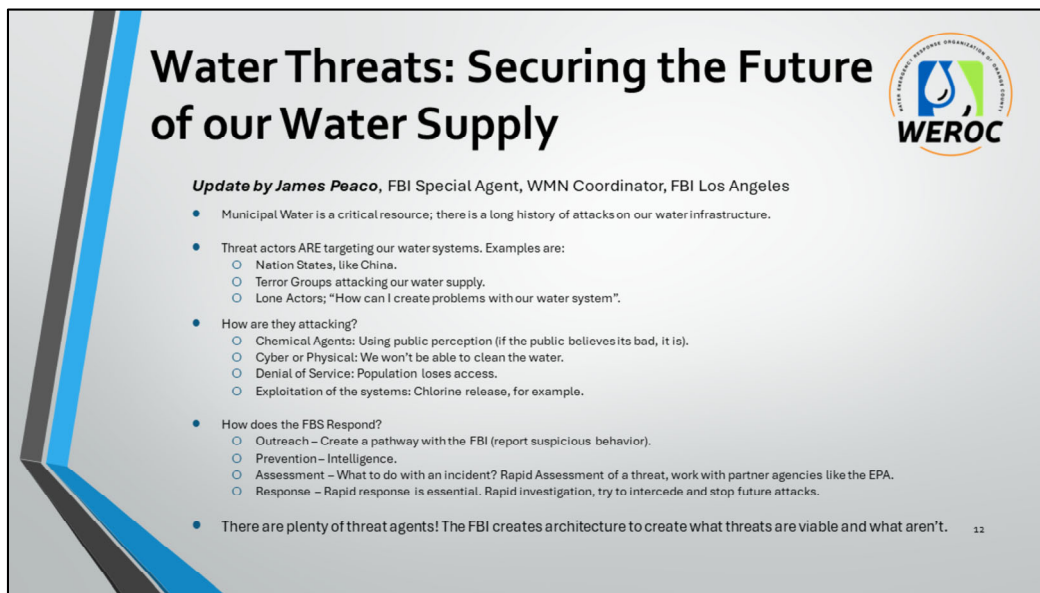
Webinar presented by the Infragard Los Angeles Members Alliance,
May 22, 2024

- Phil Siegel, President, Infragard Los Angeles Members Alliance (IGLA)
- Roger Rieger, CEO, Infragard Los Angeles Members Alliance (IGLA)
- Special Agent Heather Stachnik, Private Sector Coordinator (PSC), FBI Los Angeles

Panelists

- **Tara Robinson**, Water Resources Manager, Valley County Water District
- **Jake Margolis**, CISO, Metropolitan Water District of Southern California
- **Joe Steinmetz**, Infragard Los Angeles, Sector Chief / APS Environmental
- **Adam Stein**, CEO, Advantageous Systems (ADS)

- **James Peaco**, FBI Special Agent, WMN Coordinator, FBI Los Angeles



Water Threats: Securing the Future of our Water Supply

Update by James Peaco, FBI Special Agent, WMN Coordinator, FBI Los Angeles

- Municipal Water is a critical resource; there is a long history of attacks on our water infrastructure.
- Threat actors ARE targeting our water systems. Examples are:
 - Nation States, like China.
 - Terror Groups attacking our water supply.
 - Lone Actors; "How can I create problems with our water system".
- How are they attacking?
 - Chemical Agents: Using public perception (if the public believes its bad, it is).
 - Cyber or Physical: We won't be able to clean the water.
 - Denial of Service: Population loses access.
 - Exploitation of the systems: Chlorine release, for example.
- How does the FBS Respond?
 - Outreach – Create a pathway with the FBI (report suspicious behavior).
 - Prevention – Intelligence.
 - Assessment – What to do with an incident? Rapid Assessment of a threat, work with partner agencies like the EPA.
 - Response – Rapid response is essential. Rapid investigation, try to intercede and stop future attacks.
- There are plenty of threat agents! The FBI creates architecture to create what threats are viable and what aren't.

Update by James Peaco, FBI Special Agent, WMN Coordinator, FBI Los Angeles

- Municipal Water is a critical resource; there is a long history of attacks on our water infrastructure.
- Threat actors ARE targeting our water systems. Examples are:
 - Nation States, like China.
 - Terror Groups attacking our water supply.
 - Lone Actors; "How can I create problems with our water system".
- How are they attacking?
 - Chemical Agents: Using public perception (if the public believes its bad, it is).
 - Cyber or Physical: We won't be able to clean the water.
 - Denial of Service: Population loses access.
 - Exploitation of the systems: Chlorine release, for example.
- How does the FBS Respond?
 - Outreach – Create a pathway with the FBI (report suspicious behavior).
 - Prevention – Intelligence.

- Assessment – What to do with an incident? Rapid Assessment of a threat, work with partner agencies like the EPA.
 - Response – Rapid response is essential. Rapid investigation, try to intercede and stop future attacks.
- There are plenty of threat agents! The FBI creates architecture to create what threats are viable and what aren't.

Water Threats: Securing the Future of our Water Supply

Featured Presenter: Adam Stein, CEO, Advantageous Systems (ADS)

"Disabling cyberattacks are striking water and wastewater systems throughout the United States. Protecting our water infrastructure started about 20 years ago. We have found that there are 5 major threats to the US water supply, and our time is spent on what can we do about it?"

Overview: 5 Main Water Threats to our water/wastewater systems:

- 1) Global/US Water Sources, Overview of the US Water Supply
- 2) Intentional Threats (terrorism/water/cyber)
- 3) Infrastructure Threats and their Consequences
- 4) Examples of Vulnerable Cities in the US and Why?
- 5) Environmental Threats and their Aftermath

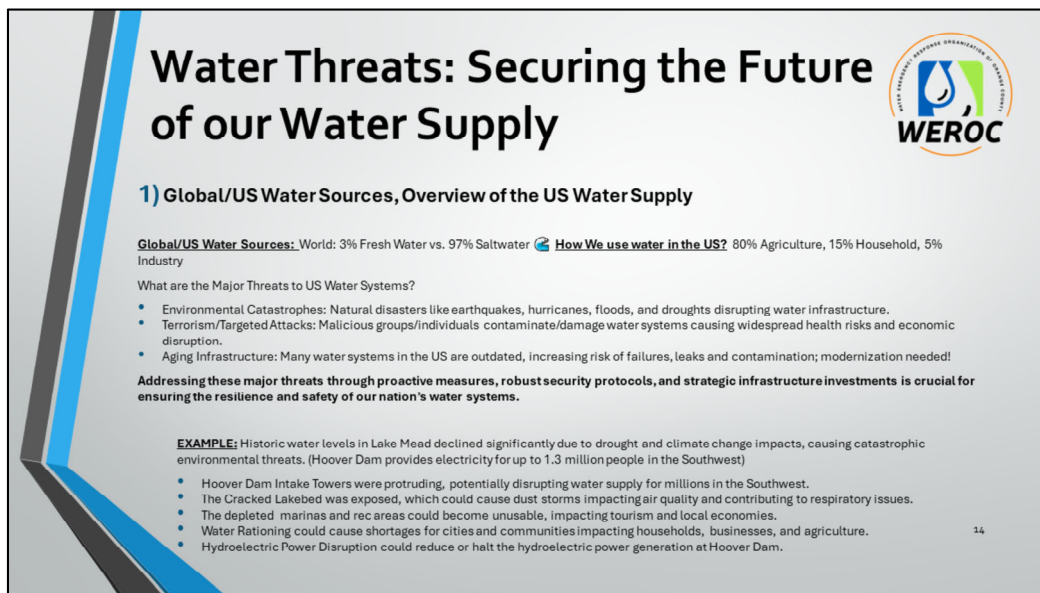
13

Featured Presenter: Adam Stein, CEO, Advantageous Systems (ADS)

"Disabling cyberattacks are striking water and wastewater systems throughout the United States. Protecting our water infrastructure started about 20 years ago. We have found that there are 5 major threats to the US water supply, and our time is spent on what can we do about it?"


Overview: 5 Main Water Threats to our water/wastewater systems:

- 1) **Global/US Water Sources, Overview of the US Water Supply**
- 2) **Intentional Threats (terrorism/water/cyber)**
- 3) **Infrastructure Threats and their Consequences**
- 4) **Examples of Vulnerable Cities in the US and Why?**
- 5) **Environmental Threats and their Aftermath**



Water Threats: Securing the Future of our Water Supply

1) Global/US Water Sources, Overview of the US Water Supply

Global/US Water Sources: World: 3% Fresh Water vs. 97% Saltwater  **How We use water in the US?** 80% Agriculture, 15% Household, 5% Industry

What are the Major Threats to US Water Systems?

- Environmental Catastrophes: Natural disasters like earthquakes, hurricanes, floods, and droughts disrupting water infrastructure.
- Terrorism/Targeted Attacks: Malicious groups/individuals contaminate/damage water systems causing widespread health risks and economic disruption.
- Aging Infrastructure: Many water systems in the US are outdated, increasing risk of failures, leaks and contamination; modernization needed!


Addressing these major threats through proactive measures, robust security protocols, and strategic infrastructure investments is crucial for ensuring the resilience and safety of our nation's water systems.

EXAMPLE: Historic water levels in Lake Mead declined significantly due to drought and climate change impacts, causing catastrophic environmental threats. (Hoover Dam provides electricity for up to 1.3 million people in the Southwest)

- Hoover Dam Intake Towers were protruding, potentially disrupting water supply for millions in the Southwest.
- The Cracked Lakebed was exposed, which could cause dust storms impacting air quality and contributing to respiratory issues.
- The depleted marinas and rec areas could become unusable, impacting tourism and local economies.
- Water Rationing could cause shortages for cities and communities impacting households, businesses, and agriculture.
- Hydroelectric Power Disruption could reduce or halt the hydroelectric power generation at Hoover Dam.

14

1) Global/US Water Sources, Overview of the US Water Supply

Global/US Water Sources: World: 3% Fresh Water vs. 97% Saltwater  **How We use water in the US?** 80% Agriculture, 15% Household, 5% Industry

What are the Major Threats to US Water Systems?

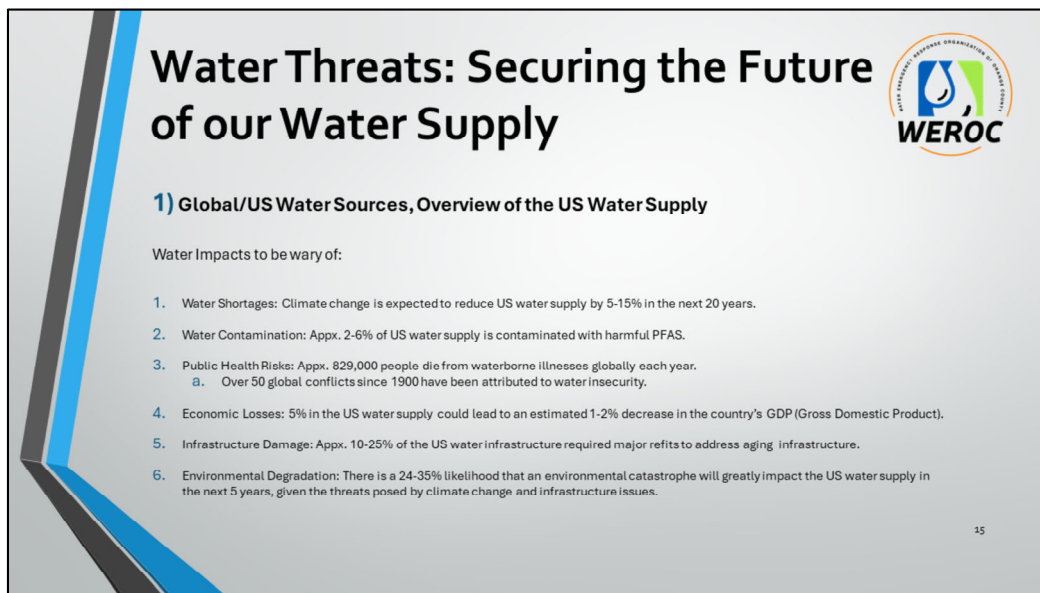
- Environmental Catastrophes: Natural disasters like earthquakes, hurricanes, floods, and droughts disrupting water infrastructure.
- Terrorism/Targeted Attacks: Malicious groups/individuals contaminate/damage water systems causing widespread health risks and economic disruption.
- Aging Infrastructure: Many water systems in the US are outdated, increasing risk of failures, leaks and contamination; modernization needed!

Addressing these major threats through proactive measures, robust security protocols, and strategic infrastructure investments is crucial for ensuring the resilience and safety of our nation's water systems.

EXAMPLE: Historic water levels in Lake Mead declined

significantly due to drought and climate change impacts, causing catastrophic environmental threats. (Hoover Dam provides electricity for up to 1.3 million people in the Southwest)

- Hoover Dam Intake Towers were protruding, potentially disrupting water supply for millions in the Southwest.
- The Cracked Lakebed was exposed, which could cause dust storms impacting air quality and contributing to respiratory issues.
- The depleted marinas and rec areas could become unusable, impacting tourism and local economies.
- Water Rationing could cause shortages for cities and communities impacting households, businesses, and agriculture.
- Hydroelectric Power Disruption could reduce or halt the hydroelectric power generation at Hoover Dam.



Water Threats: Securing the Future of our Water Supply

1) Global/US Water Sources, Overview of the US Water Supply

Water Impacts to be wary of:

1. Water Shortages: Climate change is expected to reduce US water supply by 5-15% in the next 20 years.
2. Water Contamination: Appx. 2-6% of US water supply is contaminated with harmful PFAS.
3. Public Health Risks: Appx. 829,000 people die from waterborne illnesses globally each year.
 - a. Over 50 global conflicts since 1900 have been attributed to water insecurity.
4. Economic Losses: 5% in the US water supply could lead to an estimated 1-2% decrease in the country's GDP (Gross Domestic Product).
5. Infrastructure Damage: Appx. 10-25% of the US water infrastructure required major refits to address aging infrastructure.
6. Environmental Degradation: There is a 24-35% likelihood that an environmental catastrophe will greatly impact the US water supply in the next 5 years, given the threats posed by climate change and infrastructure issues.

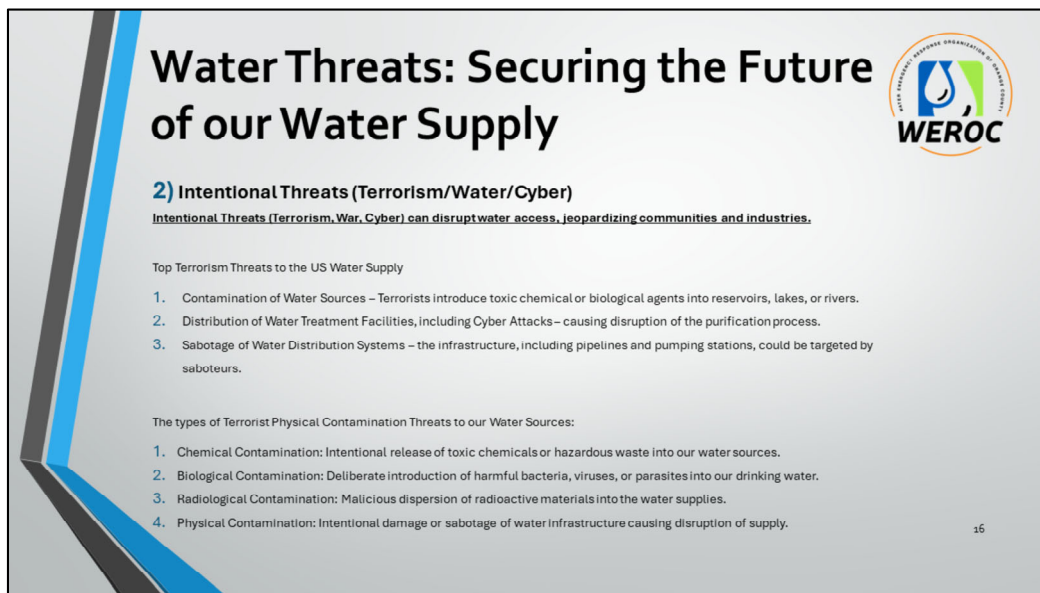
15

1) Global/US Water Sources, Overview of the US Water Supply

Water Impacts to be wary of:

1. Water Shortages: Climate change is expected to reduce US water supply by 5-15% in the next 20 years.
2. Water Contamination: Appx. 2-6% of US water supply is contaminated with harmful PFAS.
3. Public Health Risks: Appx. 829,000 people die from waterborne illnesses globally each year.
 - a. Over 50 global conflicts since 1900 have been attributed to water insecurity.
4. Economic Losses: 5% in the US water supply could lead to an estimated 1-2% decrease in the country's GDP (Gross Domestic Product).
5. Infrastructure Damage: Appx. 10-25% of the US water infrastructure required major refits to address aging infrastructure.

6. Environmental Degradation: There is a 24-35% likelihood that an environmental catastrophe will greatly impact the US water supply in the next 5 years, given the threats posed by climate change and infrastructure issues.



2) Intentional Threats (Terrorism/Water/Cyber)

Intentional Threats (Terrorism, War, Cyber) can disrupt water access, jeopardizing communities and industries.

Top Terrorism Threats to the US Water Supply


1. Contamination of Water Sources – Terrorists introduce toxic chemical or biological agents into reservoirs, lakes, or rivers.
2. Distribution of Water Treatment Facilities, including Cyber Attacks – causing disruption of the purification process.
3. Sabotage of Water Distribution Systems – the infrastructure, including pipelines and pumping stations, could be targeted by saboteurs.

The types of Terrorist Physical Contamination Threats to our Water Sources:

1. Chemical Contamination: Intentional release of toxic chemicals or

hazardous waste into our water sources.

2. Biological Contamination: Deliberate introduction of harmful bacteria, viruses, or parasites into our drinking water.
3. Radiological Contamination: Malicious dispersion of radioactive materials into the water supplies.
4. Physical Contamination: Intentional damage or sabotage of water infrastructure causing disruption of supply.



Water Threats: Securing the Future of our Water Supply

2) Intentional Threats (Terrorism/Water/Cyber)

The top 10 Chemicals that could contaminate the US Water Supply are:

- 1) Sodium Cyanide
- 2) Polychlorinated Biphenyle (PCB's)
- 3) Arsenic Compounds
- 4) Mercury Salts
- 5) Chlorine Gas
- 6) Volatile Organic Compounds (VOC's)
- 7) Pesticides
- 8) Radionuclides
- 9) Perchlorate
- 10) Microplastics

The top 10 Biological Reagents that could contaminate the US Water Supply:

- 1) Bacillus Anthracis (anthrax)
- 2) Botulinum Neurotoxin
- 3) Ricin
- 4) Poliovirus
- 5) Vibrio Cholerae
- 6) Cryptosporidium Parvum
- 7) Francisella Tularensis (tularemia)
- 8) Staphylococcal Enterotoxin B (SEB)
- 9) Variola Virus (smallpox)
- 10) Yersinia Pestis (plague)

The top 10 Natural Radiological Contamination Threats to the US Water Supply:

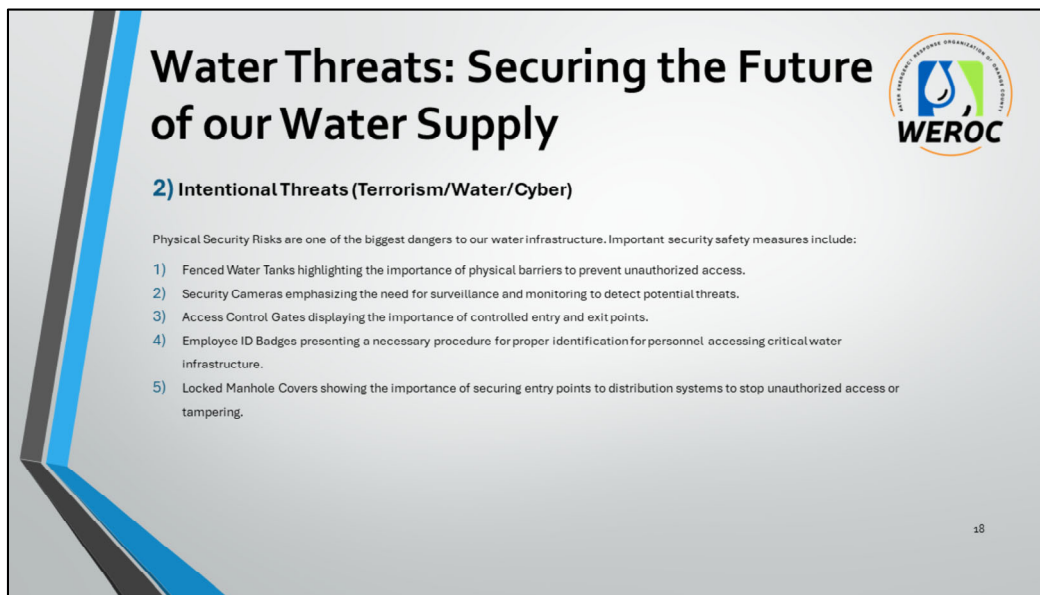
- 1) Nuclear Accidents
- 2) Radioactive Waste Mismanagement
- 3) Radiological Dispersal Devices
- 4) Natural Radioactive Deposits
- 5) Uranium Mining Runoff
- 6) Nuclear Weapons Testing
- 7) Radioactive Fallout
- 8) Medical Isotope Leaks
- 9) Cosmic Radiation
- 10) Radiation Exposure Incidents

Examples of Radiological Contaminants that could intentionally contaminate the Water Supply:

- 1) Cesium-137 (increased cancer risk)
- 2) Strontium-90 (bone cancer, leukemia)
- 3) Iodine-131 (thyroid cancer)
- 4) Plutonium-239
- 5) Americium-241

17

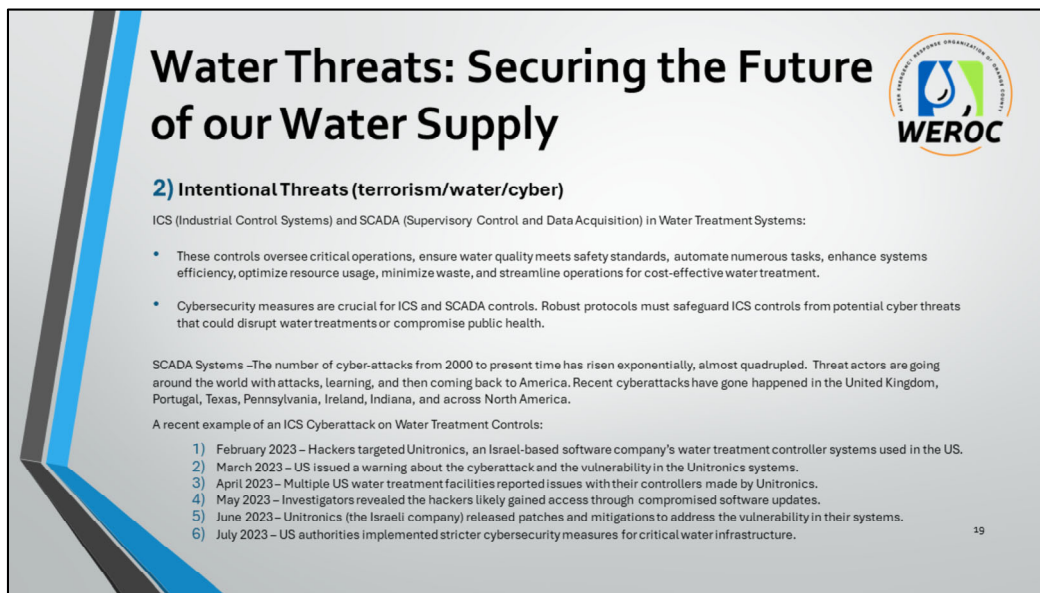
- See Vicki or Janine for further information regarding this slide.



2) Intentional Threats (Terrorism/Water/Cyber)

Physical Security Risks are one of the biggest dangers to our water infrastructure. Important security safety measures include:

- 1) Fenced Water Tanks highlighting the importance of physical barriers to prevent unauthorized access.
- 2) Security Cameras emphasizing the need for surveillance and monitoring to detect potential threats.
- 3) Access Control Gates displaying the importance of controlled entry and exit points.
- 4) Employee ID Badges presenting a necessary procedure for proper identification for personnel accessing critical water infrastructure.
- 5) Locked Manhole Covers showing the importance of securing entry points to distribution systems to stop unauthorized access or tampering.



Water Threats: Securing the Future of our Water Supply

2) Intentional Threats (terrorism/water/cyber)

ICS (Industrial Control Systems) and SCADA (Supervisory Control and Data Acquisition) in Water Treatment Systems:

- These controls oversee critical operations, ensure water quality meets safety standards, automate numerous tasks, enhance systems efficiency, optimize resource usage, minimize waste, and streamline operations for cost-effective water treatment.
- Cybersecurity measures are crucial for ICS and SCADA controls. Robust protocols must safeguard ICS controls from potential cyber threats that could disrupt water treatments or compromise public health.

SCADA Systems –The number of cyber-attacks from 2000 to present time has risen exponentially, almost quadrupled. Threat actors are going around the world with attacks, learning, and then coming back to America. Recent cyberattacks have gone happened in the United Kingdom, Portugal, Texas, Pennsylvania, Ireland, Indiana, and across North America.

A recent example of an ICS Cyberattack on Water Treatment Controls:

- 1) February 2023 – Hackers targeted Unitronics, an Israel-based software company's water treatment controller systems used in the US.
- 2) March 2023 – US issued a warning about the cyberattack and the vulnerability in the Unitronics systems.
- 3) April 2023 – Multiple US water treatment facilities reported issues with their controllers made by Unitronics.
- 4) May 2023 – Investigators revealed the hackers likely gained access through compromised software updates.
- 5) June 2023 – Unitronics (the Israeli company) released patches and mitigations to address the vulnerability in their systems.
- 6) July 2023 – US authorities implemented stricter cybersecurity measures for critical water infrastructure.

19

Intentional Threats (terrorism/water/cyber)

ICS (Industrial Control Systems) and SCADA (Supervisory Control and Data Acquisition) in Water Treatment Systems:

- These controls oversee critical operations, ensure water quality meets safety standards, automate numerous tasks, enhance systems efficiency, optimize resource usage, minimize waste, and streamline operations for cost-effective water treatment.
- Cybersecurity measures are crucial for ICS and SCADA controls. Robust protocols must safeguard ICS controls from potential cyber threats that could disrupt water treatments or compromise public health.

SCADA Systems –The number of cyber-attacks from 2000 to present time has risen exponentially, almost quadrupled. Threat actors are going around the world with attacks, learning, and then coming back to America. Recent cyberattacks have gone happened in the United Kingdom, Portugal, Texas, Pennsylvania, Ireland, Indiana, and across

North America.

A recent example of an ICS Cyberattack on Water Treatment Controls:

- 1) February 2023 – Hackers targeted Unitronics, an Israel-based software company's water treatment controller systems used in the US.
- 2) March 2023 – US issued a warning about the cyberattack and the vulnerability in the Unitronics systems.
- 3) April 2023 – Multiple US water treatment facilities reported issues with their controllers made by Unitronics.
- 4) May 2023 – Investigators revealed the hackers likely gained access through compromised software updates.
- 5) June 2023 – Unitronics (the Israeli company) released patches and mitigations to address the vulnerability in their systems.
- 6) July 2023 – US authorities implemented stricter cybersecurity measures for critical water infrastructure.



3) Infrastructure Threats and their Consequences (Aging Infrastructure)

Intentional threats can disrupt water access, jeopardizing communities and industries. Infrastructure threats to the US water supply can contaminate reservoirs, damage treatment facilities, and impair disruption networks, affecting access to clean water.

The 5 largest Dams in the US are all very aged:

- 1) Hoover Dam, Nevada/Arizona (1936)
- 2) Fort Peck Dam, Montana (1940)
- 3) Grand Coulee Dam, Washington (1942)
- 4) Glen Canyon Dam, Arizona (1966)
- 5) Oroville Dam, California (1968)

A significant portion of the US water infrastructure is at least 100 years old. Problems include old rusting and corroded pipes, burst water mains, dam maintenance and repair, modernization of water treatment plants, and lead pipe replacement.

Hypothetical Doomsday Scenarios/Aqueduct Disruptions include:

- 1) Severe Water Shortage in major cities, impacting millions of residents.

- 2) Agricultural Devastation causing significant damage to California's agricultural sector leading to crop failures and economic losses.
- 3) Increased Wildfire Risk from a lack of water, potentially causing widespread destruction and air pollution.
- 4) Public Health Crisis limiting access to clean water, posing serious health risks and/or potential outbreaks of waterborne diseases.



Water Threats: Securing the Future of our Water Supply

3) Infrastructure Threats and their Consequences (Aging Infrastructure)

Funding Challenges of putting \$\$\$ into aging infrastructure are:

- 1) Aging Infrastructure that requires substantial investments to replace or rehabilitate to prevent leaks, breaks, and ensure reliable service.
- 2) Cyber Threats – Protecting water systems from cyber-attacks necessitates investments in cybersecurity measures like advanced monitoring systems, data encryption and employee training.
- 3) Environmental Regulations – Compliance comes with increasingly stringent environmental regulations, and often requires costly upgrades to treatment plants and monitoring equipment.
- 4) Population Growth – Expanding and upgrading water systems to meet the demands of growing populations and urban development can be significant financially, requiring investments in new infrastructure.

21

3) Infrastructure Threats and their Consequences (Aging Infrastructure)

Funding Challenges of putting \$\$\$ into aging infrastructure are:

- 1) Aging Infrastructure that requires substantial investments to replace or rehabilitate to prevent leaks, breaks, and ensure reliable service.
- 2) Cyber Threats – Protecting water systems from cyber-attacks necessitates investments in cybersecurity measures like advanced monitoring systems, data encryption and employee training.
- 3) Environmental Regulations – Compliance comes with increasingly stringent environmental regulations, and often requires costly upgrades to treatment plants and monitoring equipment.
- 4) Population Growth – Expanding and upgrading water systems to meet the demands of growing populations and urban development can be significant financially, requiring investments in new infrastructure.



Water Threats: Securing the Future of our Water Supply

4) Cities with the most vulnerable infrastructure:

- 1) Cities with aging water infrastructure.
- 2) Coastal cities vulnerable to sea level rise.
- 3) Water-stressed regions with limited resources.
- 4) City examples:
 - 1) Los Angeles – Aging Pipes and Drought
 - 2) New York City – Outdates Systems
 - 3) Houston – Flood Vulnerability
 - 4) Miami – Sea Level Rise

Los Angeles Water Supply Infrastructure – The LA area, known for its arid climate, relies heavily on imported water to meet the needs of its large population. The city's water supply system, which is a vast network of aqueducts, reservoirs, and treatment facilities, is a critical infrastructure that requires constant monitoring and maintenance.

- Water Sources include the Delta, the State Water Project, the Sierra Nevada Mountains, the Los Angeles Aqueduct, the Colorado River Aqueduct, and Stormwater, Groundwater, Water Recycling, and Conservation from the City of Los Angeles.
- The Metropolitan Water District of Southern California is a regional water supplier that delivers water to 26 member agencies and serves approximately 19 million people in six counties: Los Angeles, Orange, Riverside, San Bernardino, San Diego and Ventura.
- Distribution of water sources for Metropolitan WD are 46% Sacramento River, 25% Colorado River, 19% State Water Project, and 10% Los Angeles Aqueduct.
- Environmental Threats to the LA Water Supply include drought, wildfires, earthquakes, and coastal erosion.
- Proactive measures to mitigate environmental risks are crucial for sustaining Los Angeles' water supply.

22

4) Cities with the most vulnerable infrastructure:

- 1) Cities with aging water infrastructure.
- 2) Coastal cities vulnerable to sea level rise.
- 3) Water-stressed regions with limited resources.
- 4) City examples:
 - 1) Los Angeles – Aging Pipes and Drought
 - 2) New York City – Outdates Systems
 - 3) Houston – Flood Vulnerability
 - 4) Miami – Sea Level Rise

Los Angeles Water Supply Infrastructure – The LA area, known for its arid climate, relies heavily on imported water to meet the needs of its large population. The city's water supply system, which is a vast network of aqueducts, reservoirs, and treatment facilities, is a critical infrastructure that requires constant monitoring and maintenance.

- Water Sources include the Delta, the State Water Project, the Sierra Nevada Mountains, the Los Angeles Aqueduct, the Colorado River Aqueduct, and Stormwater, Groundwater, Water Recycling, and Conservation from the City of Los Angeles.
- The Metropolitan Water District of Southern California is a regional water supplier that delivers water to 26 member agencies and

serves approximately 19 million people in six counties: Los Angeles, Orange, Riverside, San Bernardino, San Diego and Ventura.

- Distribution of water sources for Metropolitan WD are 46% Sacramento River, 25% Colorado River, 19% State Water Project, and 10% Los Angeles Aqueduct.
- Environmental Threats to the LA Water Supply include drought, wildfires, earthquakes, and coastal erosion.
- Proactive measures to mitigate environmental risks are crucial for sustaining Los Angeles' water supply.



Water Threats: Securing the Future of our Water Supply

5) Environmental Threats to the US Water Supply include:

1. Pollution from Industrial Waste – release of harmful chemicals and toxins into waterways.
2. Agricultural Runoff – fertilizers, pesticides and animal waste from farms contaminate water sources.
3. Urban Stormwater Runoff – from cities carries oil, chemicals, and other pollutants into water bodies.
4. Climate Change and Droughts – rising temperatures and changes in precipitation patterns impact water availability.
5. Natural Disasters (Earthquakes/Weather) – outdated infrastructure increases risk of water contamination during natural disasters.
6. Overexploitation of Groundwater – excessive groundwater pumping depletes aquifers and leads to saltwater intrusion.
7. Fracking and Mining Operations – release harmful chemicals and disrupt water sources.
8. Invasive Species – can disrupt ecosystems and threaten water quality.

Forever Chemicals (PFAS) are a major threat to the US water supply and has caused **widespread contamination** in our drinking water sources due to their persistence and mobility in the environment. The **health impacts** from exposure have been linked to health issues including cancer, thyroid problems, and reproductive issues. There are **regulatory challenges** in that there are no federal regulations for PFAS in drinking water, making it difficult to address the issue on a national scale.

The EPA has been working since 2009 on actions related to forever chemicals by issuing health advisories, launching a multi-pronged approach to address PFAS, new testing strategies and monitoring efforts, and releasing the PFAS Strategic Roadmap that outlines bold actions to restrict PFAS.

23

5) Environmental Threats to the US Water Supply include:

1. Pollution from Industrial Waste – release of harmful chemicals and toxins into waterways.
2. Agricultural Runoff – fertilizers, pesticides and animal waste from farms contaminate water sources.
3. Urban Stormwater Runoff – from cities carries oil, chemicals, and other pollutants into water bodies.
4. Climate Change and Droughts – rising temperatures and changes in precipitation patterns impact water availability.
5. Natural Disasters (Earthquakes/Weather) – outdated infrastructure increases risk of water contamination during natural disasters.
6. Overexploitation of Groundwater – excessive groundwater pumping depletes aquifers and leads to saltwater intrusion.
7. Fracking and Mining Operations – release harmful chemicals and disrupt water sources.
8. Invasive Species – can disrupt ecosystems and threaten water quality.

Forever Chemicals (PFAS) are a major threat to the US water supply

and has caused **widespread contamination** in our drinking water sources due to their persistence and mobility in the environment. The **health impacts** from exposure have been linked to health issues including cancer, thyroid problems, and reproductive issues. There are **regulatory challenges** in that there are no federal regulations for PFAS in drinking water, making it difficult to address the issue on a national scale.

The EPA has been working since 2009 on actions related to forever chemicals by issuing health advisories, launching a multi-pronged approach to address PFAS, new testing strategies and monitoring efforts, and releasing the PFAS Strategic Roadmap that outlines bold actions to restrict PFAS.



5) Environmental Threats to the US Water Supply include:

Climate Change Effects are:

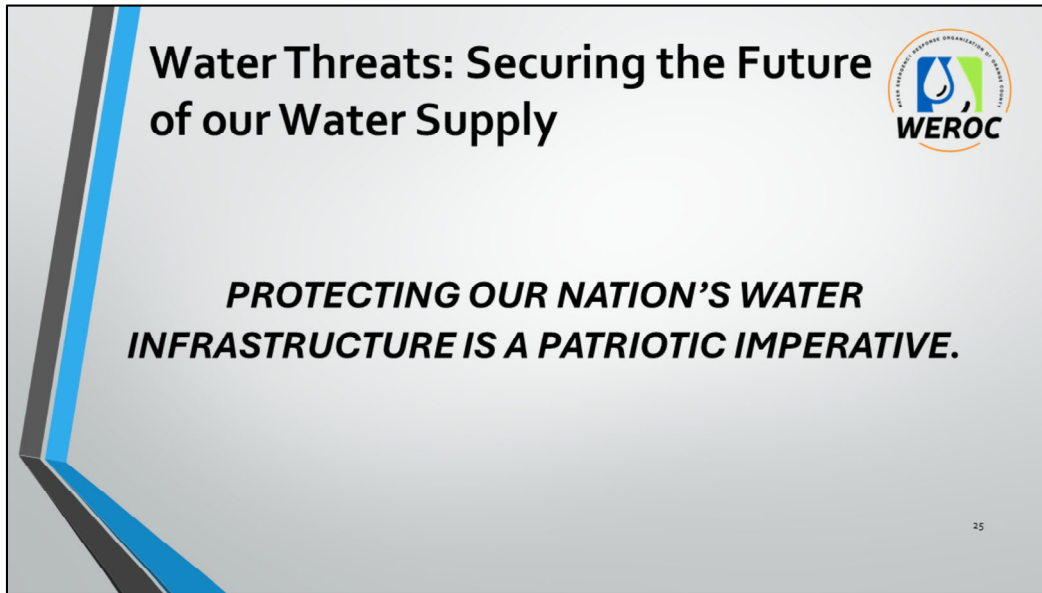
1. Rising Temperatures – increasing global temperatures can lead to higher evaporation rates, altering precipitation patterns and stressing water resources.
2. Changing Precipitation Patterns – causes shifts in precipitation patterns, resulting in more frequent and severe droughts or floods, straining water infrastructure and management systems.
3. Extreme Weather Events – an increased frequency and intensity of extreme weather events, such as hurricanes, heavy rainfall, and heat waves, which can damage water infrastructure and disrupt supply.

Five (5) Strategies for Climate-Resilient Water Supply

1. Invest in Water Infrastructure Upgrades – allocate funds for repairing aging pipes and modernizing treatment facilities.
2. Promote Water Conservation Measures – implement policies and incentives to reduce household and industrial water usage.
3. Develop Alternative Water Sources – explore desalination plants,


wastewater recycling, and rainwater harvesting.






4. Enhance Watershed Management – restore wetlands, implement sustainable agricultural practices, and protect water sources.
5. Strengthen Data and Monitoring Systems – improve data collection and analysis to better predict and respond to water crisis.



- See Janine for notes or questions

OCIAC Briefing _ In Person



Color	When should it be used?	How may it be shared?
 Not for disclosure, restricted to participants only.	Sources may use TLP:RED when information cannot be effectively acted upon without significant risk for the privacy, reputation, or operations of the organizations involved. For the eyes and ears of individual recipients only, no further.	Recipients may not share TLP:RED information with any parties outside of the specific exchange, meeting, or conversation in which it was originally disclosed. In the context of a meeting, for example, TLP:RED information is limited to those present at the meeting. In most circumstances, TLP:RED should be exchanged verbally or in person.
 Limited disclosure, restricted to participants' organization.	Sources may use TLP:AMBER-STRICK when information requires support to be effectively acted upon, yet carries risk to privacy, reputation, or operations if shared outside of the organization.	Recipients may share TLP:AMBER-STRICK information only with members of their own organization on a need-to-know basis to protect their organization and prevent further harm.
 Limited disclosure, restricted to participants' organization and its clients (see Terminology Definitions).	Sources may use TLP:AMBER when information requires support to be effectively acted upon, yet carries risk to privacy, reputation, or operations if shared outside of the organizations involved. Note that TLP:AMBER-STRICK should be used to restrict sharing to the recipient organization only.	Recipients may share TLP:AMBER information with members of their own organization and its clients on a need-to-know basis to protect their organization and its clients and prevent further harm.
 Limited disclosure, restricted to the community.	Sources may use TLP:GREEN when information is useful to increase awareness within their wider community.	Recipients may share TLP:GREEN information with peers and partner organizations within their community, but not via publicly accessible channels. Unless otherwise specified, TLP:GREEN information may not be shared outside of the cybersecurity or cyber defense community.
 Disclosure is not limited.	Sources may use TLP:CLEAR when information carries minimal or no foreseeable risk of misuse, in accordance with applicable rules and procedures for public release.	Recipients may share this information without restriction. Information is subject to standard copyright rules.

26

- **WARNING: FOR OFFICIAL USE ONLY (FOUO) and/or LAW ENFORCEMENT SENSITIVE (LES) information.** It contains information that may be exempt from public release under the Freedom of Information Act (5 U.S.G. 552). It is to be controlled, stored, handled, transmitted, distributed, and disposed of in accordance with DHS policy relating to FOUO and LES information and is not to be released to the public, the media, foreign nationals, or other personnel who do not have a valid "need-to-know" without prior approval of an authorized DHS official.

Notes Portions of the briefing noted have been removed based on FOUO or Amber designation. All questions can be directed to Vicki for additional information.

The California Cybersecurity Integration Center (Cal-CSIC) has become aware of a high vulnerability known as CVE-2024-23110. 1 The vulnerability lies in the command line interpreter of FortiOS. 2 The multiple stack-based buffer overflow vulnerability may allow an authenticated attacker to execute unauthorized code or commands via specially crafted command line arguments

- The National Cybersecurity Center of Excellence (NCCoE) has

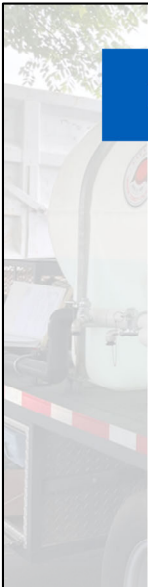
released for public comment a draft of *Cybersecurity for the Water and Wastewater Sector: Build Architecture, Operational Technologies Remote Access*. The comment period is open through **July 15, 2024**.

About the Project

- This Technical Note describes the product agnostic remote access reference architectures and presents three remote access example solutions the NCCoE plans to demonstrate as part of the *Cybersecurity for the Water and Wastewater Sector: A Practical Reference Design for Mitigating Cyber Risk in Water and Wastewater Systems* project. The Technical Note presents a traditional on-premises remote access reference architecture and two example solutions: one for medium to large water and wastewater systems (WWS) and one for very small to small WWS. A cloud-based remote access reference architecture and example solution are also described.
- We are first addressing the remote access scenario and describing architectures and example solutions which allow authorized access to a water or wastewater utility's Operational Technology (OT) assets. Subsequent publications will address the other identified risk scenarios and solutions.

Submit Your Comments

- The public comment period for the draft is open until **11:59 p.m. EST on July 15, 2024**. Visit the NCCoE Securing Water and Wastewater Utilities [project page](#) for the draft publication and comment form. https://www.nccoe.nist.gov/projects/securing-water-and-wastewater-utilities#publications_comment_form



National Qualification System

- WEROC is developing a NQS Guidance and task book for water and wastewater
- Each agency will be able to customize the documents more based on the needs of their agencies.
- WEROC will be building the guidance to match different IMT needs from 2-4
- See notes for full description of the NQS

27

• **National Qualification System**

At the federal level, the National Incident Management System (NIMS) National Qualification System (NQS) describes the components of a qualification and certification system for certifying the qualifications of incident personnel, describes how to stand up and implement a peer review process, and provides an introduction to the process of credentialing personnel. Many WEROC agencies have asked for assistance with identifying a system and highlighting what training needs to be taken for each level and position of the emergency management system developed in their agency. The NQS indicated that agencies identify the training needs and systematic approach for this process. Agencies have asked WEROC to develop the guidance document they would be able to adopt to meet the NIMS requirements for the NQS. WEROC over the next 6 months will be creating a document for both water and wastewater that will establish a Type 4 Incident Management Team which will encompass both a traditional ICS model with an Incident Command Post (ICP) and separate Emergency Operations Center (EOC) for larger agencies and a hybrid model ICP/EOC that can be adopted by smaller agencies.

WEROC Training Calendar



NIMS/SEMS Combined_7/16_Location TBD


G626 Action Planning 7/24 Location TBD

Emergency Management Instructor Course (EMIC) 7/29
Location WEROC/MWDOC Office

Safety Assessment Program (SAP) 8/13 Location TBD

G191 ICS/EOC Interface_8/15_Location TBD

Agency Representative (AREP)_9/11_Location TBD



Other Recommended Trainings (Action Item)

- Initial Damage Assessment (IDE) and Recovery Training Part 1
- Recovery Training (Understanding PDA and State/FEMA Validation of Damage) Part 2
- Water Trailer Training (Resource Request & Maintenance-Decommission)
- Fuel Trailers Training
- G611 EOC Overview of Sections
- DWR Flood Fight

- Other recommended trainings based on the discussions with the WEROC agencies. These can be added based on the decision of the group at the meeting today

WEROC Exercise Calendar

- OA Exercise – Spring 2025
- Regional Water Distribution Plan TTXs
- Monthly Tests
 - WEROC Radio
 - WebEOC
 - Additional test (Logistics Requests)

- OA Exercise for FY24/25 (Focused on Shelter Operations and Volunteers)
 - No play for water agencies so WEROC will be conducting a functional for all water and wastewater agencies in the Spring of 2025
- Regional Water Distribution Plan TTXs for water agencies and the City Emergency Managers are being scheduled. Looking for locations (one in each BOS District or simplicity)
- We have seen a decrease in the WEROC Radio Test. This test is an exercise to test systems in place and your participation is important
- Action Item for the group – build out additional test either monthly or quarterly to keep resource request processes up to date in relation to scarce resources or supply chain challenges. These will also assist WEROC with different types of equipment, chemicals etc. need and understand what contract are being used in order to strengthen these needs before an actual event.



TTX/Workshop Scheduled




- 7/16 Fullerton - Cyber
- 9/3 Water Distribution Plan Loc TBD
- 9/10 Water Distribution Plan Loc TBD
- 9/17 Water Distribution Plan Loc TBD
- 9/19 Water Distribution Plan Loc TBD
- 10/2 SOCWA TTX/ICS Workshop
- 10/8 Water Distribution Plan Loc TBD
- 10/9 ETWD
- 10/30 ETWD



UASI Asset Audits

- SAPD/APD Making Site Visits
- Status of Asset
- Decommissioning of an Asset



County

- Continuity of Government plan
- OCFA Trenching Partnership

State

- MARAC * See Notes below

County Continuity Plan

The Orange County Board of Supervisors approved the County Continuity of Government Plan at the June 2024 Board Meeting. The Letter of Promulgation and Plan document, including all attachments, can be found on [PrepareOC](#)

Orange County Fire Authority Partnership and Confined Space/Trench Rescue Team Collaboration

OCFA has been reaching out separately to many of the water agencies in Orange County trying to obtain what resources and opportunities there are to partner with agencies if mutual is needed. City of Anaheim pointed the new captain to WEROC to possibly assist with efforts, and we will be working on jointly establishing a process for obtaining mutual aid resource quickly and efficiently and training together with member agencies who want to participate. This will be presented and discussed further with the member agencies at the WEROC meeting in June.

Mutual Aid Regional Advisory Committee (MARAC)/ SEMS

Advisory Board

Vicki attended the SEMS Advisory Board as the Region 1 Representative (Vicki is the alternate and our primary representative from San Luis Obispo was unable to attend). This meeting was in Sacramento at CalOES Headquarters. The State Alert & Warning Plan was approved with the recommended changes received on the working document.

- The SEMS Advisory Board is the highest level of the SEMS maintenance system established to address the need for changes. The three-tiered system encompasses an Advisory Board, Technical Group, and Mutual Aid Regional Advisory Committees (MARACs). Collectively, these multi-agency groups make changes to the system when necessary. They include representatives from all disciplines involved in emergency response. This system is part of the California Emergency Services Act which is part of the California Government Code.

§ 2425. Establishment and Purpose. The Director, OES, shall establish the SEMS Advisory Board consisting of representatives from emergency response agencies to provide advice on all aspects of this Chapter.

Vicki represented counties, cities and also special districts as this guidance outlines the systems and processes for alert & warning. It should be noted, while agencies in Orange County primarily use AlertOC provided by the county, there are water agencies in region 6 that are using the state provided system and overall, regardless of the system used, we all need to have a systematic approach to providing alert and warning message to the community. The only way to do this is by a collaborative effort between all government and even private entities, at all levels.

California Water and Wastewater Agency Response Network (CALWARN)

- Definitions and Capabilities in notes section
- Statewide Exercise June 5th

What types of incidents does CalWARN Respond to?

Who is a member of CalWarn?

www.calwarn.org

Purpose

- The purpose and goal of the California Water/Wastewater Agency Response Network (CalWARN) Mutual Assistance Plan is to provide personnel, technical specialists and resources to support the disaster operations of affected jurisdictions during an emergency in order to assist with response and recovery for the whole community.
- In incidents that affect more than one utility at the same time, mutual assistance/aid coordination at a higher level may be necessary. As the incident response grows or, alternatively, when an emergency starts as a large-scale event (such as a catastrophic earthquake), CalWARN coordination can expand. As the need for coordination increases, the CalWARN Response Team may come from non-affected parts of the state to assist the area that is affected during a large emergency, so the impacted utilities can focus on repair and restoration. During an incident that affects multiple counties, coordination at the region and/or state level may be necessary.

Objectives

- The objectives of the CalWARN Plan are to:
- Establish a process for providing personnel, technical specialists

and resources from Providing Jurisdictions (hereinafter referred to as Providers) in unaffected areas to support Requesting Jurisdictions (hereinafter referred to as Requestors).

- Provide a system that includes an emergency organization structure, an information flow process, and forms necessary to coordinate the formal request, assignment, deployment, and demobilization of resources consistent with other statewide mutual aid programs and the Standardized Emergency Management System (SEMS) and the National Incident Management System (NIMS).

Mutual Assistance Con Ops

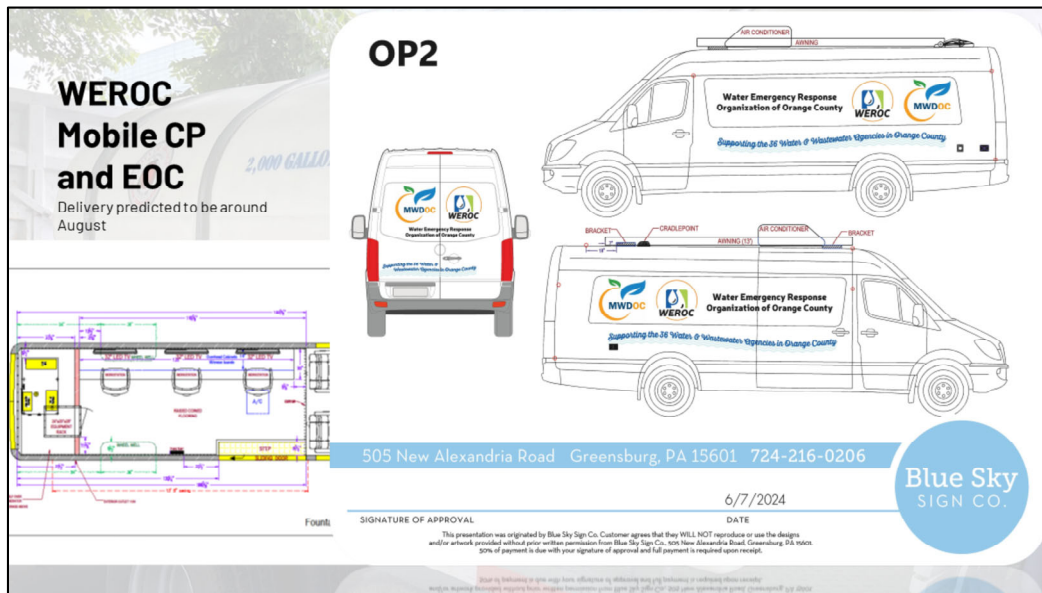
- Before CalWARN can be activated, the Requestor is advised to review the following questions:
- Are we unable to reach our operational support goals and objectives with the current personnel?
- Do we have a thorough understanding of the CalWARN Plan and process?
- Do we understand the impact (Liability and Financially) CalWARN can have on our jurisdiction?
- Who is the official authorizing CalWARN requests for our jurisdiction? (Examples: General Manager, Utility Manager, Emergency Manager, etc.)
- What are the critical position(s) needed to support this response?
- At what location(s) we need personnel?
- What is the anticipated length of assignment for CalWARN resources?
- Are we able to support incoming CalWARN resources with housing, transportation, and/or feeding? If not all, what are we able to support?
- Do we need to activate CalWARN?

CalWARN Statewide Exercise

Statewide Exercise between the Executive committee and regional chairs to see if the updated Operation Plan would work

Identify gaps

Identify future processes to be built



Since the Board approved the WEROC Mobile EOC Project on September 20, 2023, we have encountered some challenges in the vehicle's production due to supply chain issues. These challenges necessitated changes in the overall design. In December 2023, the WEROC Director of Emergency Management collaborated with the company to address these issues and implement the necessary equipment adjustments. Consequently, the floor and elevation plan designs were modified to accommodate the new equipment, resulting in an enhanced overall design that is versatile for use both in the field and at stationary brick-and-mortar facilities.

Additionally, at the beginning of May, the graphic designer provided three potential renderings for the exterior design wrap. WEROC sought input from MWD0C staff to select the best representation for the Mobile EOC's exterior design.

With the project now back on track, WEROC is optimistic about having the vehicle delivered in August, assuming no further delays occur.

*Thank you for your time.
Please let us know if you have any questions.*

Vicki Osborn
Director of Emergency Management
714-593-5010
vosborn@mwdoc.com



SCAN ME



New share Pa Stop share

Partners

Tiffany Baca

HOSTED WEEA LEADERSHIP ROUNDTABLE MEETING

- **Amplification**
 - Compatibility and value
 - Needs/goals/benefits alignment
 - Future success metrics
- **Assessment**
 - Skill gaps and needs
 - Training and development
 - Resource allocation

HOOVER DAM & CRA INSPECTION TRIP W/ DIRECTOR ACKERMAN

2024

Call to Action: Educating for a Green Economy

WEEA CONTRIBUTION: CAELI GREEN CAREERS REPORT

<https://tinyurl.com/CAELreport>

CALIFORNIA ENVIRONMENTAL LITERACY INITIATIVE

OC SANITATION DISTRICT OPEN HOUSE 375 PEOPLE REACHED

WATER AWARENESS POSTER CONTEST AWARD CEREMONY

- 40 winners with their friends, family, & teachers
- Shipley Nature Center
- 4 hands-on, water-centric learning stations
- Ricky Raindrop appearance

7th Annual Girl Scouts STEM Expo

Visit Westminster's Coronet Park to learn how to transform your own space! 15252 Oakcliff Dr. Westminster CA 92683

NATIONAL Fresh Vegetables

HAPPY Father's Day! JUNE 19, 2024

8% SOCIAL MEDIA ENGAGEMENT RATE
A Good Rate is 1-5%

WATER FLO
IN PARTNERSHIP WITH THE YOR

Learn more information, visit [MWD OC.com/fixaleak](https://mwdoc.com/fixaleak)

California Native PLANT SALE

TCWD MEMBER AGENCY SPOTLIGHT FILMING W/ HASHTAG PINPOINT

MWD OC eCurrents Newsletter

June 2024

Facebook Instagram LinkedIn YouTube Pinterest

52% OPEN RATE
Industry Standard 28%

LIVE GREEN

2024 Annual Water Awareness Poster Contest Winner

IN THIS ISSUE <https://conta.cc/45c9o9X>
Page 93 of 107

BOARD OF DIRECTORS

ENGINEERING & PLANNING

<p>Lead and Copper Rule Revisions – Lead Service Line Inventory Choice Program</p>	<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 have been completed and agencies have moved to the field verification phase.</p> <p>As of late June 2024, field verification is well underway. Completion of the field verification phase is anticipated by the end of July 2024. Inventories will then be prepared for review by participants in time for submission to DDW in early October 2024.</p>
---	--

<p>Shutdowns</p>	<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 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 will begin in early July 2024 and continue through the end of January 2025.</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.</p> <p>MWDOC Engineering will provide further details through a presentation at the A&F Committee meeting on July 10, 2024.</p>

General Managers Report

WEROC Status Report

Item No. 7b

June 2024

JUNE EVENTS

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

- On 6/21/24, at approximately 120 hours, a wildland fire started near the 91/241 exchange. WEROC contacted both Anaheim Water and YLWD to [provide information on the activates of fire agencies on scene. At approximately 1330 hours, forward progress was stopped Additional details can be provided by Vicki.

COORDINATION/PARTICIPATION WITH MEMBER AGENCIES AND OUTSIDE AGENCIES MEETINGS NOT LISTED IN THE PROJECT AND PROGRAMS SECTION

- On 6/4/24, Vicki attended the CESA Training and Education Working Group Meeting. This group is creating video training on different subjects that will be beneficial for all emergency managers, with a focus on new emergency managers coming into the field. This training session will be available statewide to members. Topics include:
 - Continuity in Different Sectors - This would be a presentation on how continuity works in different fields like Government, Business, Hospital, Schools, and Tribal.
 - Emergency Plans Working Together - This would be a presentation on the multitude of emergency plans in our field (EOP, EAP, COOP, LHMP, etc.) and how they work together to build a program. There may also be an EMAP component for those looking to make those plans into the accreditation program.
 - Building Your EOC Toolkit - This would be a presentation on how agencies can use technology and tool kits like Smartsheet, Google products, and Teams to support emergency management programs.
 - FEMA Assistance Programs - This would be a presentation focused on the FEMA Individual Assistance Program changes. As a second part, we may have someone speak to the public assistance as well.
 - Special Population Needs in Disaster - This would be a presentation on how to serve people experiencing homelessness in disasters. This could also be expanded to include other special populations like access and function needs, etc.
- On 6/5, Vicki participated in the MET Cyber Security Summit planning meeting with Dave Anderson.
- On 6/5, Vicki participated in the CalWARN Function Exercise, and was a speaker for the morning workshop training (see exercise section for more detailed information)
- On 6/6, Vicki and Janine attended the Orange County Emergency Management Organization (OCEMO) monthly coordination meeting. A presentation was provided by the Orange County Vector Control Special District highlighting their services and

functions, and an outlook for this year's mosquito impacts including planning for dengue fever. The regular subcommittee reports were made and the minutes from these meetings can be shared with the board if desired. (*reminder OCEMO is the Operational Area Working Group created under the Operational Area Executive Board which Vicki is the OA Mutual Aid Coordinator for Water and Wastewater.)

- On 6/8/24, Vicki attended the OC Sans Open House in support of her funding/member agency.
- On 6/17, Vicki had a phone call with CSDA regarding the ZEV/Carb Project (*see below for more detail notes)
- On 6/19, Vicki has a phone call with CalOES Deputy Directors regarding the ZEV/Carb Project, see below for more detailed notes)
- On 6/20, Vicki had a meeting with Kevin Morley (AWWA DC) regarding the ZEV Carb Project (*see below for more details notes)
- On 6/26, Janine had a meeting with CDR regarding the Mapping project, see below for more details.
- On 6/27, Janine attended the Orange County Health Care Agency Points of Dispensing (POD) planning. WEROC is one of the few non city entities that has a POD plan in place if needed.
- On 6/27, Janine attended the County IPP Workshop which is a requirement for grant funding. This joint planning effort is submitted to CalOES. The WEROC IPP was updated during the WEROC Coordination Meeting.
- On 6/28, Vicki participated in the CESA State Board meeting.

WEROC AGENCY PLANNING, COORDINATION AND PROGRAM EFFORTS

AWIA & Multi-Jurisdictional Hazard Mitigation Multi Plan Project

The Multi-Jurisdictional Hazard Mitigation Plan had its kickoff meeting on June 17th. Action Items have already been sent to participating agencies. AWIA kick off meeting for all tier agencies will be on July 22, 2024, at MWDOC. The contract was finalized and signed by HSG and MWDOC. Vicki is working with BBK on the contracts for the participating agencies as part of this choice program. As this project moves forward, information and updates will be provided monthly in this report. As a reminder, 30 out of 36 WEROC agencies will be participating in one or more areas of this contract.

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. OCIAC did attend the WEROC Coordination meeting and provided a water briefing to the agencies in attendance. In addition Janien presented on the InfraGard presentation (this is included in the information item WEROC Coordination Meeting).

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.

Again, we want to partner with the Governor and be part of his ZEV and Green Project, but the vehicle types and equipment technology available has not caught up yet as a viable solution. Best summary I can provide for day-to-day operations our larger fleet and heavy machinery with the technology currently out there for vehicles would last about 2 hours, which means we need to purchase 2 vehicles for every one vehicle replaced, and the vehicles (which almost all are on backorder) cost 2-3 times more than what we can currently purchase. For emergencies, we might not be able to support the mission of the statute for supplying water for suppression, or public works clearing roadway access, etc. in a timely manner because the equipment would not be able to work 24 hrs. to make a repair, clear roads, fire breaks etc.

WEROC hope is in partnership with CalOES, on behalf of all our partner agencies I have the pleasure to work with thru CalWARN, MARAC, CSDA, AWWA, APWA, CMUA, etc. We hope that an exemption for Public Works, Water, and Wastewater entities (all which are primarily local governments) can be given and implemented immediately just as it has been done for law and fire. As soon as the right technology and capability of vehicles is there, water agencies will make a change as we are always looking to and for ways to help with climate change because the bigger picture is, it effects our water supply and is an important endeavor we are committed to take.

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.

- Orange County Operational Area and County of Orange Integrated Preparedness 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) map project and obtaining the final maps so we can work with the contractor. Janine has a meeting at the Center for Demographic Research (CDR) this Wednesday, June 26, to begin laying out Phase 2 of the project. This project will go into FY 24/25.

Regional Water Distribution Plan

As of right now, we are still waiting on the water company to have leadership look at the plan discussed, provide feedback and we will reconvene in the next few weeks to discuss further.

Water Distribution TTXs are being scheduled for the fall.

Training, Exercises and National Qualification System Training Plan

- **Training:**

June 4, 18, 19 & 20th, Vicki taught 4 G611 EOC Section Trainings (Management, Planning, Finance and Logistics) for water agencies. 82 people attended this training offering.

At the WEROC Coordination Meeting on June 17th, WEROC member agencies identified what training is requested for the rest of the calendar year. The WEROC Integrated Preparedness Plan is being updated with this information and will be shared with the County.

WEROC has been able to secure the following free training opportunities for Orange County:

Emergency Management Instructor Certification (EMIC). 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.

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:**

The following agencies have scheduled Workshop with Tabletop Exercises to be developed and facilitated by Vicki between July – October. Also, Regional Water Distribution Plan will be exercised in the fall with city emergency managers and water agencies

- City of Fullerton (Cyber)
- El Toro Water District (EQ)
- South Coast Water District (Palisades Dam)
- South Orange County Water and Wastewater Authority (ICS/Intruder)

- (5) Water Distribution Plan TTX (5 BOS Districts)

Vicki participated in the CalWARN Workshop and Functional Exercise on June 5th. The morning workshop provided training on the Operations Plan for CalWARN (that Vicki wrote) and other aspects of mutual assistance. Vicki spoke to mutual aid and some of the coordination efforts from the past 5 years. The rest of the day followed with the functional exercise with all the regions and the State Water Control Board, EPA and DDW. A functional exercise is when injects (problems) are provided and the execution of the solution occurs (not just talking but actual action such as phone calls, emails, radio transmissions). An after-action report is being generated.

WEROC Mobile EOC/Command Vehicle

No new updates from last month.

WEROC Quarterly Coordination Meeting

On June 17th, the WEROC Coordination Meeting was held. See information item #5. Below are the agenda items contained in the PowerPoint provided:

- AlertOC SOP Changes
 - AWIA/Hazard Mitigation Planning Schedule & Update on Contract/Scope of Work
 - Cal OSHA Workplace Violence Regulation Discussion
 - CARB Diesel Engine Exemptions Update
 - Exercises Calendar
 - GIS Update
 - InfraGard/EPA Webinars Review
 - National Qualification System Water/Wastewater Positions
 - OCFA Resource Mutual Aid and Trench Rescue Response Collaboration
 - OCIAAC Update Briefing (Water/Wastewater Threats)
 - Operational Area Plan Review Update
 - Regional Fuel Plan
 - Training Calendar
 - Water Distribution Plan
 - WEROC Mobile Command Post/EOC Vehicle
-

Status of Water Use Efficiency Projects
June 2024

Description	Lead Agency	Status % Complete	Scheduled Completion or Renewal Date	Comments
SoCal WaterSmart Residential Indoor Rebate Program	MWDSC	Ongoing	Ongoing	In May 2024, 115 high efficiency clothes washers were installed in Orange County. To date, 129,751 high efficiency clothes washers and 61,693 high efficiency toilets have been installed through this program.
SoCal WaterSmart Commercial Rebate Program	MWDSC	Ongoing	Ongoing	In May 2024, 138 commercial premium high efficiency toilets were rebated on in Orange County. To date, 117,410 commercial devices have been installed through this program.
Flow-Monitoring Device Rebate Program	MWDSC	Ongoing	Ongoing	In May 2024, 18 flow-monitoring device was installed in Orange County. To date, 254 flow-monitoring devices have been installed through this program.
Smart Timer Rebate Program	MWDSC	Ongoing	Ongoing	In May 2024, 83 residential and 60 commercial smart timers were installed in Orange County. To date, 34,050 smart timers have been installed through this program.
Rotating Nozzles Rebate Program	MWDSC	Ongoing	Ongoing	In May 2024, 349 rotating nozzles were installed in Orange County. To date, 583,096 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 May 2024, 8 rain barrels were installed in Orange County. To date, 8,997 rain barrels have been installed through this program.
Turf Replacement Program	MWDOC	Ongoing	Ongoing	In May 2024, 20 rebates were paid, representing \$198,816.17 in rebates paid this month in Orange County. To date, the Turf Replacement Program has removed approximately 28 million square feet of turf.
Spray to Drip Rebate Program	MWDOC	Ongoing	Ongoing	In May 2024, 7 rebates were paid, representing \$29,616.00 in rebates paid this month in Orange County. To date, the Spray to Drip Program has converted approximately 3.9 million square feet of standard spray irrigation to drip irrigation.
Landscape Design and Landscape Maintenance Assistance Programs	MWDOC	Ongoing	Ongoing	In May 2024, 1 landscape maintenance package was delivered to a MWDOC Turf Replacement Program customer. To date, 775 landscape design packages and 350 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.

Item

Description	Lead Agency	Status % Complete	Scheduled Completion or Renewal Date	Comments
Industrial Process/ Water Savings Incentive Program (WSIP) cont.				In May 2024, 5 projects were completed, with a combined water savings of 5.5 AFY. Total water savings to date for the entire program is 1,307 AFY and 8,616 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 27,714 AF cumulatively.

**Public & Governmental Affairs Activities Report
May 29, 2024 – June 25, 2024**

<p>Member Agency Support</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> Coordinated filming of Trabuco Canyon Water District member agency spotlight video <p>Government Affairs Staff:</p> <ul style="list-style-type: none"> Circulated the monthly grants tracking and acquisition report to all participating member agencies Provided a brief overview of SB 1255 (Durazo) which proposes a Low-Income Rate Assistance (LIRA) program using “voluntary” donations, and solicited feedback from the MWDOC Member Agency Managers meeting
<p>Community and Special Events</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> Speakers Bureau: Coordinated the 2024 Water Awareness Poster Contest Awards Ceremony for our 40 winners and their families at Shipley Nature Center Coordinated the Hoover Dam/Colorado River Aqueduct Inspection Trip with Directors Ackerman and Jung Provided an information booth at the Orange County Sanitation District’s Open House <p>Government Affairs Staff:</p> <ul style="list-style-type: none"> Worked with Christina in Admin to solicit legislative certificates for the Water Awareness Poster Contest Attended the OCBC Infrastructure Committee meeting Participated in the CSDA Professional Development Committee meeting where we reviewed (after previously rating) annual awards nominees and selected the winners Attended and staffed the Hoover Dam/CRA trip with Director Ackerman and Director Jung Participated in the OCBC Government Affairs Committee meeting
<p>K-12 Water Education</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> Met with MWDOC Choice 3-12 School Program contractor Orange County Department of Education’s Inside the Outdoors to discuss year-end and steps for next school year Met with County of Orange Stormwater Program representatives to discuss potential partnership opportunities for reaching Orange County students Met with Metropolitan Water District of Southern California’s Education team to discuss logistics for a co-hosted Department of Water Resources Orange County ProjectWET teachers training
<p>Workforce Initiative</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> Speakers Bureau: Hosted the Water Energy Education Alliance (WEEA) Leadership Roundtable Meeting #18 with guest panelists the Los Angeles Department of Water & Power Speakers Bureau: Delivered a WEEA and water workforce 101 presentation to the Vista Meridian Energy, Environment, & Utilities Advisory Met with Orange County Friends of Harbors, Beaches, and Parks to discuss a potential fiscal sponsorship opportunity

	<ul style="list-style-type: none"> • Participated in the Water Replenishment District’s Water Workforce Ad Hoc Committee meeting • Met with Generation:NOW! and Assistant Superintendent of Innovation, San Diego County Office of Education, to discuss a partnership with TGR Foundation (formally Tiger Woods) for a career exploration and teacher training pilot in Orange County • Participated in the California Environmental Literacy Initiative’s Green Career Call to Action webinar introducing its Call to Action: Educating for a Green Economy 2024-2025 Report, featuring a WEEA Practice Profile highlighting WEEA participant’s and MWDOC’s successful education and workforce development programs. This report is a precursor to the creation of a statewide strategic plan to secure equitable access for TK–16 students to green (and blue) careers. • Met with North County Regional Occupational Program to discuss current and future opportunities to create career pathways to water career for Orange County students • Attended the Environmental Protection Agency’s Workforce Development in the Water Sector webinar
<p>Digital Communications, Publications, and Media Engagement</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Prepared and delivered MWDOC June 2024 eCurrents newsletter <ul style="list-style-type: none"> ◦ Open Rate 52% (utilities average 24.6%) • Completed several updates for the MWDOC.com website • Developed and distributed social media content across MWDOC’s social media channels
<p>Special Projects</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Coordinated and participated in an OC Water Summit committee meeting with Directors Thomas, Nederhood, and Crane • Continue to work on planning, preparation and coordination of OC Water Summit • Met with L.A. Design Studios to discuss next steps in refreshing MWDOC.com home page <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> • Invited a speaker from Disneyland to present on DisneylandForward at the July ISDOC meeting • Coordinated with the June WACO speaker on logistics • Staffed the ISDOC Executive Committee meeting • Staffed the WACO Planning Committee meeting • Sent various ISDOC related emails including speaker coordination, editing minutes, providing agenda feedback, coordinating a meeting with the Membership Ad-Hoc Committee

<p>Outreach Metrics</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> ● Google Performance Analytics (GM Report Timeframe) <ul style="list-style-type: none"> ○ 390 business profile interactions ○ 3,519 people viewed the business profile ● Website Analytics (GM Report Timeframe) <ul style="list-style-type: none"> ○ 6,403 pageviews and ocwatersmartparks.com: 72 site sessions (past 90 days) ○ Top pages for this date range <ul style="list-style-type: none"> ▪ Home Page – 1,600 ▪ Water Use Efficiency – 1,100 ▪ Residential Rebates – 383 ▪ Turf Replacement Program – 193 ▪ Agendas, Packets, Minutes – 180 ▪ OC Friendly Landscapes – 136 ▪ RFPs / RFQs – 129 ● ocwatersmartgardens.com Analytics (May 2024) <ul style="list-style-type: none"> ○ 669 Sessions ○ 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%.</i></p> <p><i>For this period, MWDOC's engagement rate is at 8.00%</i></p> <ul style="list-style-type: none"> ○ 150,753 post reach (number of people) <ul style="list-style-type: none"> ▪ 12,062 Post engagement (actions taken – likes, shares, etc.)
<p>Legislative Affairs</p>	<p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> ● Attended the ACWA State Legislative Committee meeting ● Met with staff from Assemblywoman Blanca Pacheco and shared some of MWDOC's legislative priorities ● Coordinated with PA staff on a quote for Congressman Huffman's office for H.R. 8682 – Tax Parity for Water Rebates, and circulated the press release to Directors after it was released ● Coordinated with ACWA and our Sacramento advocate to reach out to pertinent members of the delegation on ACWA sponsor bill SB 2254 ● Participated in the ACWA working group on SB 1255, low income rate assistance (LIRA) program ● Attended the CMUA Regulatory Committee meeting ● Participated in the CMUA Legislative Committee meeting ● Participated in the Metropolitan Member Agency meeting specific to SB 1255, the LIRA program proposal ● Attended the CMUA LIRA Strike Team meeting ● Participated in the CSDA Legislative Committee meeting ● Participated in the Southern California Water Coalition Legislative Task Force meeting ● Attended the ACWA Region 10 State Legislative Committee prep meeting

	<ul style="list-style-type: none">• Attended the ACWA State Legislative Committee meeting• Participated in the CMUA LIRA Strike Team meeting (these are weekly for now)
--	--