

WORKSHOP MEETING OF THE
BOARD OF DIRECTORS WITH MET DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Board Room, Fountain Valley, California
October 5, 2016, 8:30 a.m.

AGENDA

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC PARTICIPATION/COMMENTS

At this time members of the public will be given an opportunity to address the Board concerning items within the subject matter jurisdiction of the Board. Members of the public may also address the Board about a particular Agenda item at the time it is considered by the Board and before action is taken.

The Board requests, but does not require, that members of the public who want to address the Board complete a voluntary "Request to be Heard" form available from the Board Secretary prior to the meeting.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Determine need and take action to agendize item(s), which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present or, if less than two-thirds of the Board members are present, a unanimous vote.)

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>.

(NEXT RESOLUTION NO. 2037)

PRESENTATION/DISCUSSION/INFORMATION ITEMS

1. INPUT OR QUESTIONS ON MET ISSUES FROM THE MEMBER AGENCIES/MET DIRECTOR REPORTS REGARDING MET COMMITTEE PARTICIPATION

Recommendation: Receive input and discuss the information.

2. WATER SUPPLY CONDITION UPDATE AND ORANGE COUNTY PERFORMANCE REPORT FOR JUNE 2016

Recommendation: Review and discuss the information presented.

3. PANEL DISCUSSION ON IMPLEMENTING GOVERNOR'S EXECUTIVE ORDER B-37-16 MAKING WATER CONSERVATION A CALIFORNIA WAY OF LIFE

Recommendation: Review and discuss the information presented.

4. MET ITEMS CRITICAL TO ORANGE COUNTY (The following items are for informational purposes only – a write up on each item is included in the packet. Discussion is not necessary unless requested by a Director)

- a. MET's Water Supply Conditions
- b. MET's Finance and Rate Issues
- c. Colorado River Issues
- d. Bay Delta/State Water Project Issues
- e. MET's Ocean Desalination Policy and Potential Participation by MET in the Doheny Desalination Project and in the Huntington Beach Ocean Desalination Project (Poseidon Desalination Project)
- f. Orange County Reliability Projects
- g. East Orange County Feeder No. 2
- h. South County Projects

Recommendation: Discuss and provide input on information relative to the MET items of critical interest to Orange County.

5. METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS

- a. Summary regarding September MET Board Meeting
- b. Review items of significance for MET Board and Committee Agendas

Recommendation: Review and discuss the information presented.

ADJOURNMENT

Note: 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.



DISCUSSION ITEM

October 5, 2016

TO: Board of Directors

FROM: Robert Hunter
General Manager

Staff Contact: Kevin Hostert/
Harvey De La Torre

**SUBJECT: WATER SUPPLY CONDITION UPDATE AND ORANGE COUNTY
PERFORMANCE REPORT FOR JUNE 2016**

STAFF RECOMMENDATION

Staff recommends the Board of Directors review and discuss this information

REPORT

Attached is an update on state and local water supply conditions, including a status report on Orange County's water saving for July 2016.

For the month of July 2016, Orange County saved 18.59% (compare to historical average of June 2014 and 2013), far exceeding the MWDOC Countywide saving goal of 10%. This saving goal was in response to the State Control Board's Modified Conservation Target that called for water reliability "stress test" for each urban water retail agency.



Orange County Drought Performance & Water Supply Report

October 5, 2016

Municipal Water District of Orange County

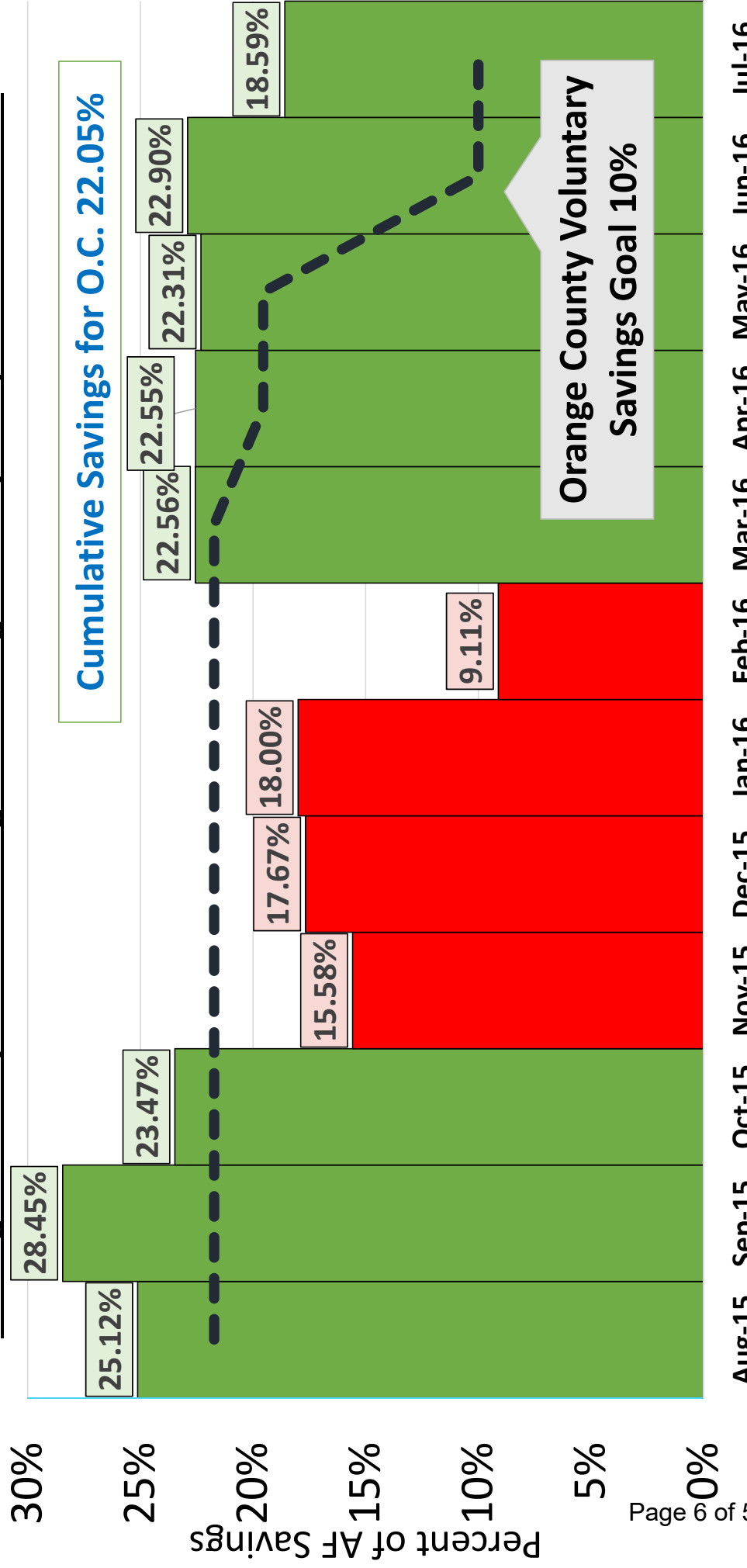
O.C. Water Conservation



O.C. Water Savings Reported to SWRCB

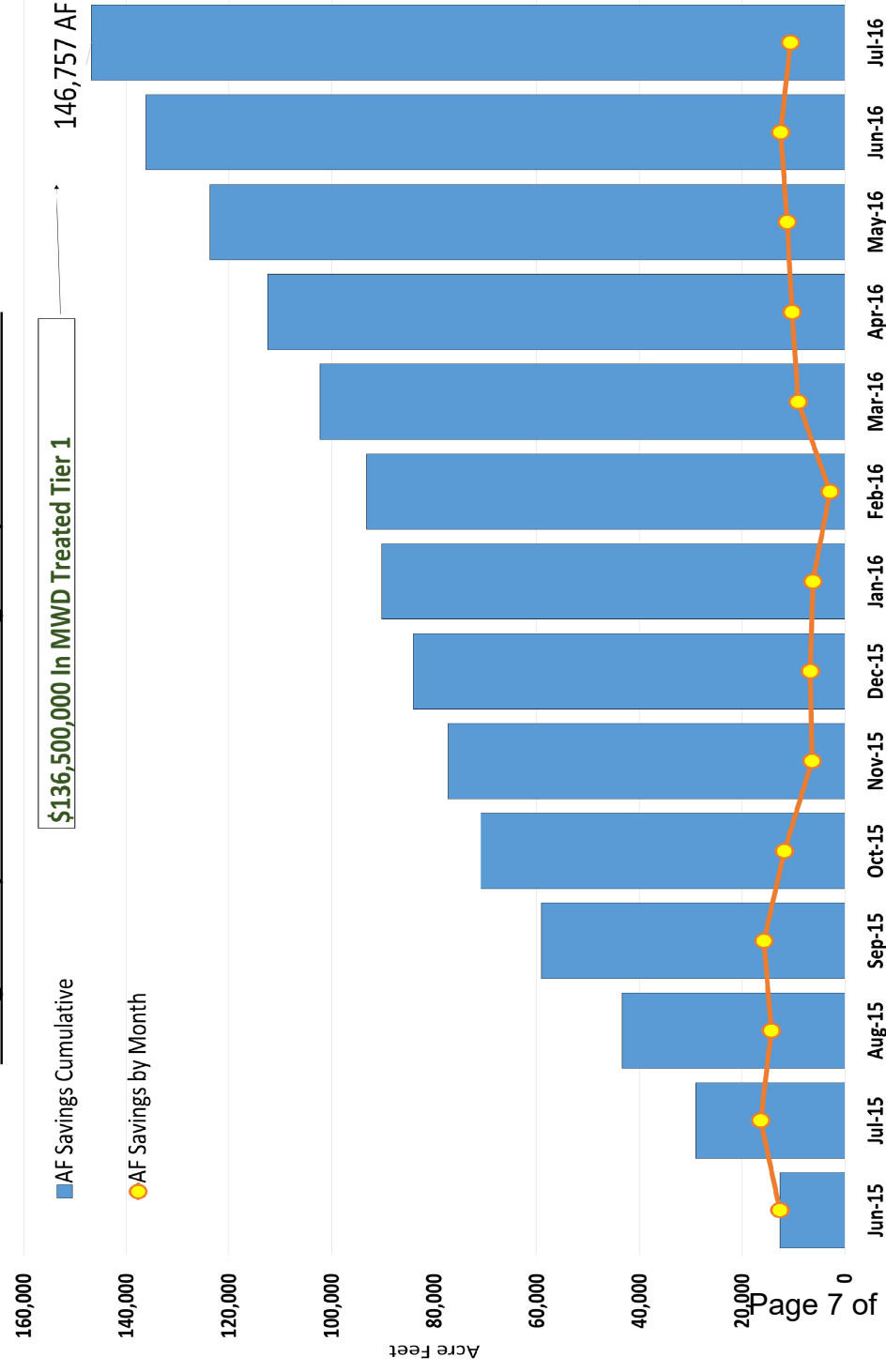


Average Monthly Water Savings for Orange County Compared to CY 2013



O.C. Water Saving (Cumulative)

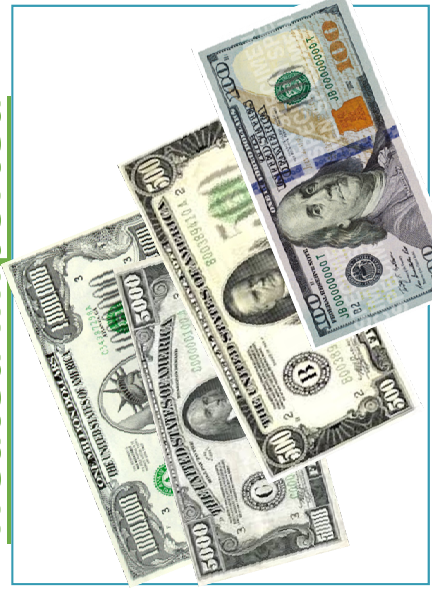
Orange County's Total Water Savings Compared to CY 2013



= approximately 2
years of potable water
usage in South Orange
County

= \$136 Million MWD

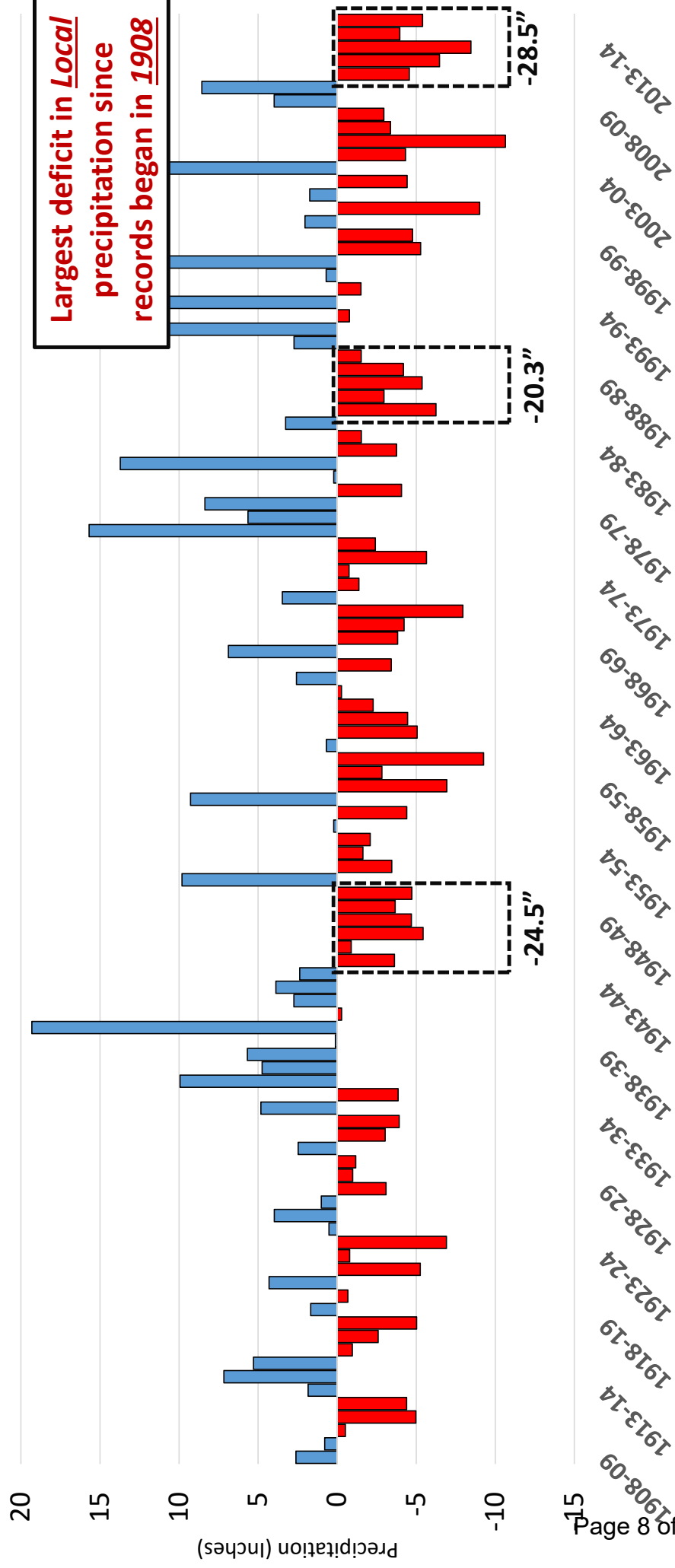
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Historical Local Precipitation



Historical Precipitation Departure from the Average



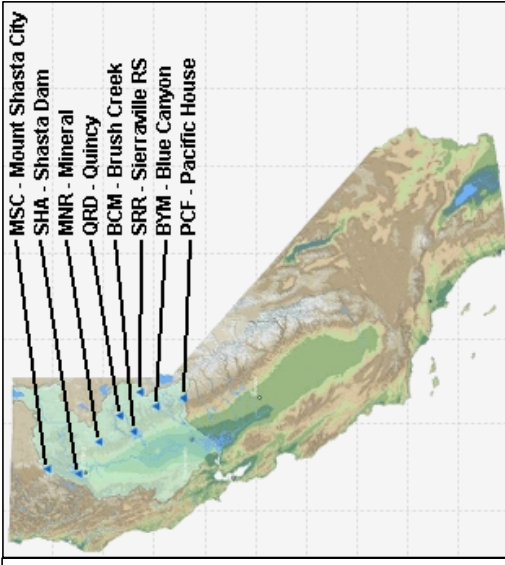
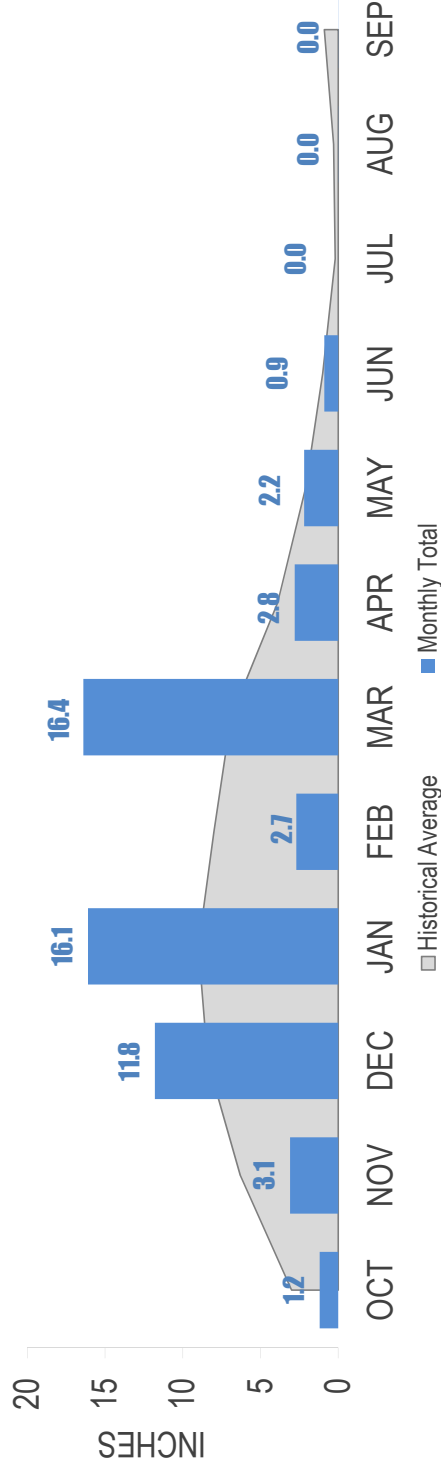
Regional Weather and Water Supply Conditions



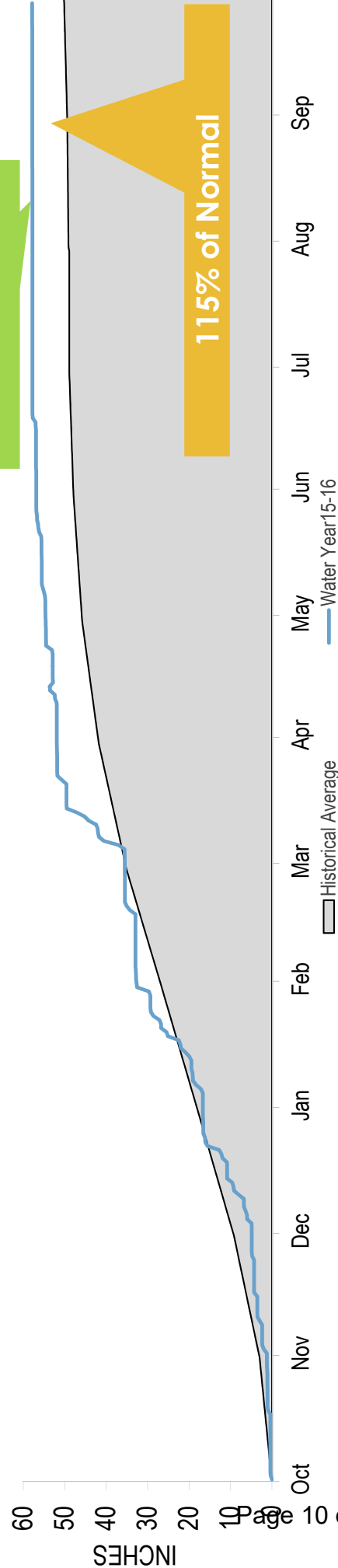
Northern California Accumulated Precipitation



Monthly Precipitation (8 Station Precip Index)



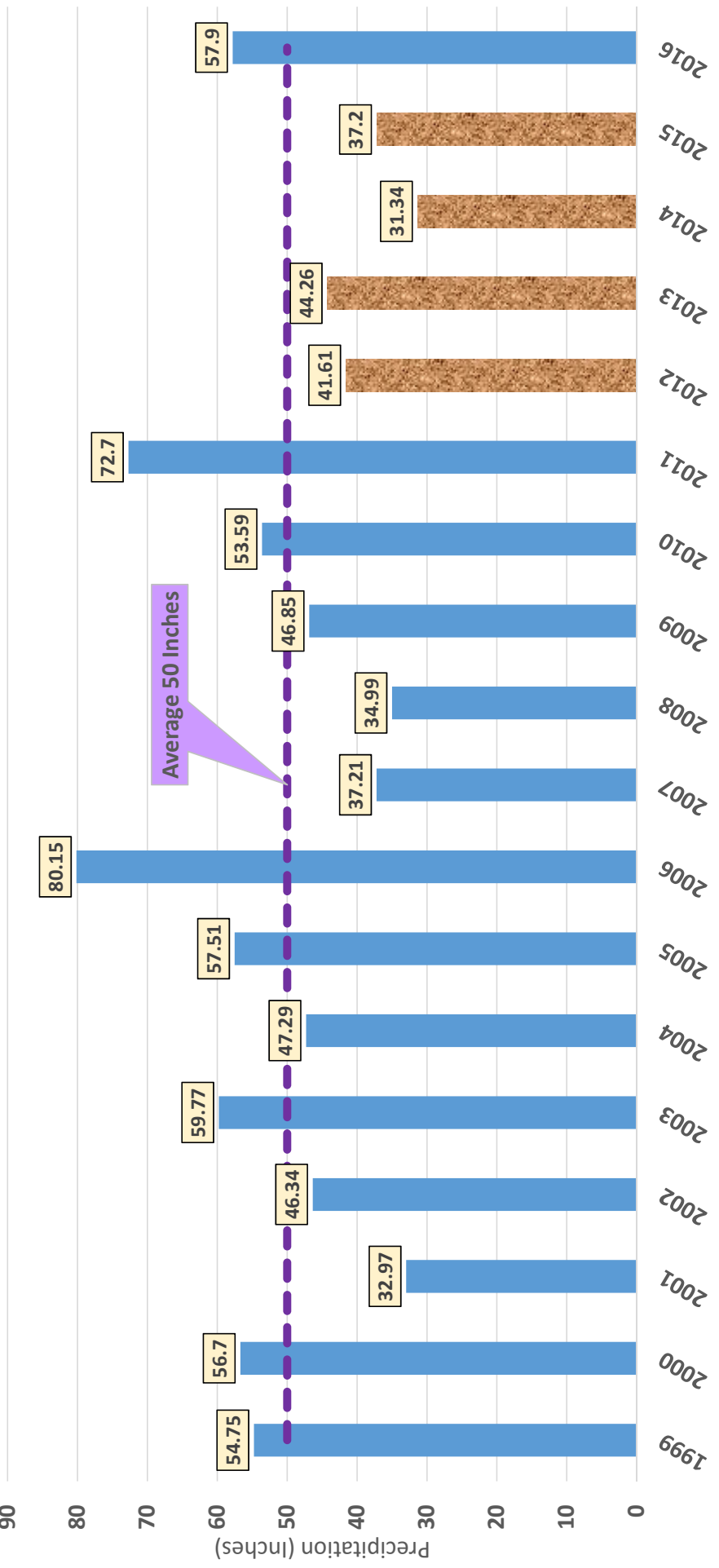
Accumulated Precipitation (8-Station Precip Index)



Historical Northern California Accumulated Precipitation

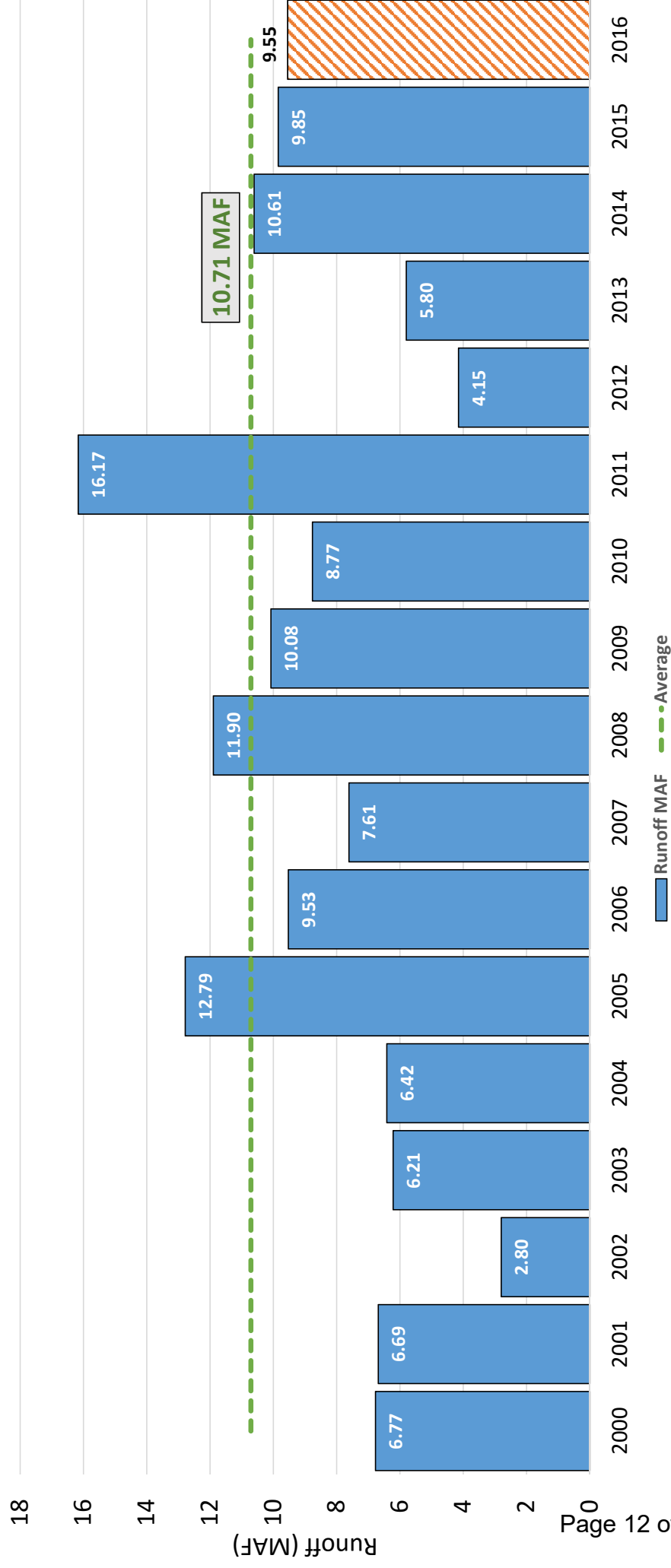


Northern California 8 Station Accumulated Precipitation (Water Year Oct-Sep)



Lake Powell Inflows

Lake Powell Unregulated Historical Inflow

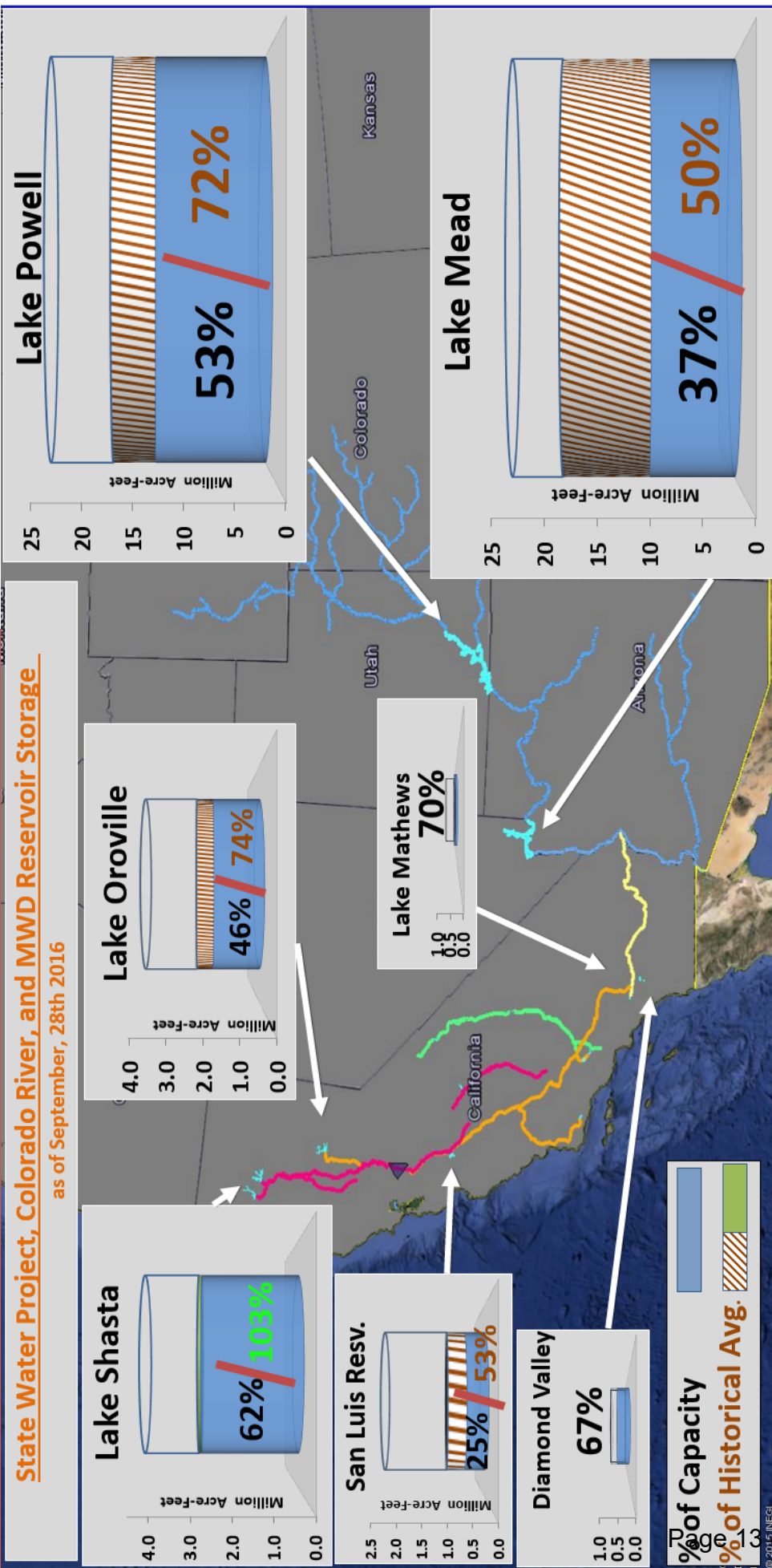


Water Storage



State Water Project, Colorado River, and MWD Reservoir Storage

as of September, 28th 2016



A blurry, artistic photograph of a person in a white shirt and dark pants, possibly in a dance or performance setting. The image is heavily blurred, creating a sense of motion. A solid red vertical bar is positioned on the right side of the image. The word "Questions" is written vertically in white text on the red bar.

Questions



DISCUSSION ITEM

October 5, 2016

TO: Board of Directors

FROM: Robert Hunter
General Manager

Staff Contacts: Harvey De La Torre
Joe Berg

SUBJECT: Panel Discussion on Implementing Governor's Executive Order B-37-16
Making Water Conservation A California Way of Life

STAFF RECOMMENDATION

Staff recommends the Board of Directors review and discuss this information

REPORT

On May 9, Governor Brown signed Executive Order B-37-16 "Making Water Conservation A California Way of Life", which directed state agencies to update temporary emergency water restrictions, strength local drought contingency plans, and develop new permanent, long-term water use targets. To aid in the development of recommendations to implement the Governor's executive order actions, the state agencies convened an Urban Advisory Group (UAG) comprised of water agencies, cities, environmental organizations, and stakeholders.

So far, two UAG meetings have taken place one in Northern California and one at Metropolitan. To provide insight on the conceptual proposals presented by the state agencies and the UAG discussions, MWDOC asked the following UAG members to give their perspective of the process and proposals discussed thus far:

- Joe Berg, Director of Water Use Efficiency, Municipal Water District of Orange County
- Deven Upadhyay, Water Resource Group Manager, Metropolitan Water District of Southern California
- Joone Lopez, General Manager, Moulton Niguel Water District

Below is background information on the Executive Order's provisions.

BACKGROUND

Budgeted (Y/N): n/a	Budgeted amount: n/a	Core <u>X</u>	Choice <u> </u>
Action item amount: n/a	Line item:		
Fiscal Impact (explain if unbudgeted):			

Executive Order B-37-16 “Making Water Conservation A California Way of Life” was signed by Governor Brown on May 9, 2016 and directs state agencies to update temporary emergency water restrictions and transition to permanent, long-term improvements in water use. The Executive Order has four main areas of focus: Use Water More Wisely, Eliminate Water Waste, Strengthen Local Drought Resilience, and Improve Agricultural Water Use Efficiency and Drought Planning. The Executive Order, provided as Attachment A, includes 13 actions assigned to specified state agencies. Ten actions focus on urban water use, and three actions focus on agricultural water use. State agencies include the California Energy Commission, California Department of Food and Agriculture, California Department of Water Resources (DWR), California Public Utilities Commission, and State Water Resources Control Board (State Water Board).

The three areas of the Executive Order focusing on urban water use include Using Water More Wisely, Elimination of Water Waste, and Strengthen Local Drought Resilience. They are summarized below:

Use Water More Wisely (Actions 1-3)

The State Water Board has already adjusted the emergency water conservation regulations (Action 1) through the establishment of the Self Certification or stress test of local supplies and demands. The stress test required agencies to assume three additional years of drought using 2013-15 hydrologic conditions and 2013-14 potable demands. The new conservation standard would be commensurate with the level of shortage at the end of year three of the analysis, or 2019. Through this process all agencies in Orange County, with the exception of Brea, established “zero” conservation standards. However, all agencies are still calling for voluntary conservation during this time. Brea is now in the process of resubmitting their revised conservation standard of zero to the State Water Board due to clarified water supply information from Cal Domestic Water Company and Metropolitan. This stress test approach became effective June 1, 2016.

The DWR and State Water Board have convened the UAG to develop new water use targets as a part of permanent framework for urban water agencies (Action 2). These new water use targets shall build upon existing requirements that the state achieve a 20% reduction in urban water usage by 2020. New water use targets shall be customized to the unique conditions of each water agency, shall generate more statewide water conservation than existing requirements, and shall be based on strengthened standards for:

- a. Indoor residential per capita water use;
- b. Outdoor irrigation, in a manner that incorporates landscape area, local climate, and new satellite imagery data;
- c. Commercial, industrial, and institutional water use; and
- d. Water loss through leaks

The current state agency (DWR and State Water Board) proposal establishes an agency level water budget based on these standards (a-d above) with the exception of commercial, industrial and instructional water use due to the high variability of water use in these sectors and to avoid potential impacts to the economy.

Action 3 to “Use Water More Wisely” requires urban water suppliers to provide permanent monthly reporting of water usage, conservation achieved, and

enforcement actions. This reporting has been in place since April 2015. It is anticipated that the permanent reporting will be refined once the new permanent water use targets have been established.

Eliminate Water Waste (Actions 4-7)

The second section of the Executive Order focuses on eliminating water waste. Action 4 shall permanently prohibit end user practices that waste potable water such as:

- a. Hosing of sidewalks, driveways, and other hardscapes;
- b. Washing automobiles with hoses not equipped with a shut-off nozzle; Using non-recirculated water in a fountain or other decorative water feature;
- c. Watering lawns in a manner that causes runoff or within 48 hours after measurable precipitation; and
- d. Irrigating ornamental turf on public street medians.

Actions 5, 6, and 7 focus on minimizing water system leakage through loans for prioritized projects, accelerated data collection for improved water system management, and certification of innovative water conservation and water loss detection and control technologies that also increase energy efficiency.

Strengthen Local Drought Resilience (Actions 8-10)

These actions called for strengthening an agency's Water Shortage Contingency Plans within their Urban Water Management Plans by demonstrating "adequate actions to respond to droughts lasting at least five years" instead of 3 years and create "common statewide standards". The objective is to develop standard shortage contingency plan requirements to assure water supplier are drought resilience to forestall the need for State mandated actions

To initiate this effort, the DWR held UAG Workshops in northern and southern California on August 31st and September 1st, respectively focusing on Water Shortage Contingency Planning (WSCP). The southern California workshop was hosted by MWDOC and was attended by more than 50 representatives from water agencies and environmental organizations. Joe Berg and Directors Tamaribuchi and Osborne attended on behalf of MWDOC.

Note: The slides included with this staff report were developed prior to the October 3 Technical Advisory Group meeting. As a result, they may be revised in advance fo the October 5 Joint Board Meeting.



Panel Discussion on Implementing Governor's Executive Order B-37-16 Updating Emergency Regulations

October 5, 2016

Municipal Water District of Orange County

Governor Brown's Executive Order

May 9, 2016, Governor Brown issued a new Executive Order extending and updating the Emergency Regulations to Feb. 28, 2017

Includes both short-term drought emergency response actions and long-term improvements in water use. There are Four main areas of focus including 13 actions :

- Use water more wisely
- Eliminate water waste
- Strengthen local drought resilience
- Improve agricultural water use efficiency and drought planning



1. Use Water More Wisely

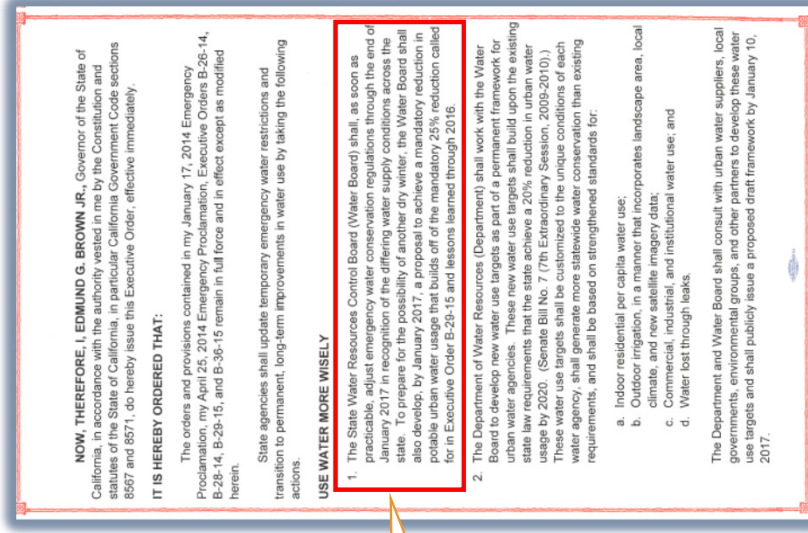
1. The State Water Resources Control Board (Water Board) shall, as soon as practicable, adjust emergency water conservation regulations through the end of January 2017 in recognition of the differing water supply conditions across the state. To prepare for the possibility of another dry winter, the Water Board shall also develop, by January 2017, a proposal to achieve a mandatory reduction in potable urban water usage that builds off of the mandatory 25% reduction called for in Executive Order B-29-15 and lessons learned through 2016.

💧 This provision called for the replacement of the previous state-developed mandatory conservation targets (8% to 36% Conservation targets) with individual agency's supply and demand conditions

💧 “Self-certification” 3-year stress-test

💧 In effect until February 28, 2017, unless extended

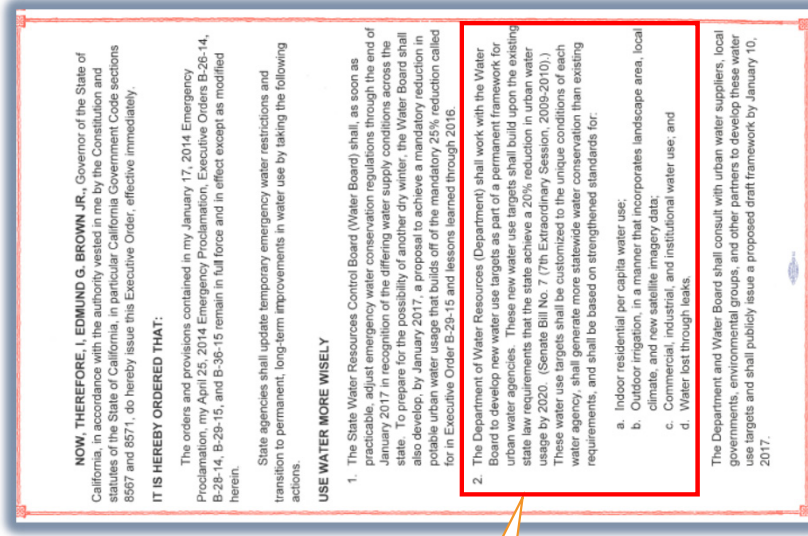
💧 Approximately 84% of water agencies in the State met the stress-test, including Metropolitan and member agencies



2. Use Water More Wisely (cont'd)

2. The Department of Water Resources (Department) shall work with the Water Board to develop new water use targets as part of a permanent framework for urban water agencies. These new water use targets shall build upon the existing state law requirements that the state achieve a 20% reduction in urban water usage by 2020. (Senate Bill No. 7 (7th Extraordinary Session, 2009-2010).) These water use targets shall be customized to the unique conditions of each water agency, shall generate more statewide water conservation than existing requirements, and shall be based on strengthened standards for:

- Creation of New Long Term Water Use Efficiency Targets
- Seeks to build off of and replace the 20% by 2020 framework
- Targets shall be customized to each water agency's unique conditions
 - Accounts for landscape area, climate (Eto) and population
- "Generate more statewide water conservation" than existing requirements



8. Strengthen Local Drought Resilience

8. The Department shall strengthen requirements for urban Water Shortage Contingency Plans, which urban water agencies are required to maintain. These updated requirements shall include adequate actions to respond to droughts lasting at least five years, as well as more frequent and severe periods of drought. While remaining customized according to local conditions, the updated requirements shall also create common statewide standards so that these plans can be quickly utilized during this and any future droughts.

“Strengthen requirements for urban Water Shortage Contingency Plans” contained in UWMPs
Plans need to have **“adequate actions to respond to droughts lasting at least five years”** instead of 3 years

Respond to “more frequent and severe periods of drought”
Also, seek to create “common statewide standards”
Be “customized according to local conditions”

3. The Department and the Water Board shall permanently require urban water suppliers to issue a monthly report on their water usage, amount of conservation achieved, and any enforcement efforts.

ELIMINATE WATER WASTE

4. The Water Board shall permanently prohibit practices that waste potable water, such as:

- Hosing off sidewalks, driveways and other hardscapes;
- Washing automobiles with hoses not equipped with a shut-off nozzle;
- Using non-recirculated water in a fountain or other decorative water feature;
- Watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and
- Irrigating ornamental turf on public street medians.

5. The Water Board and the Department shall direct actions to minimize water system leaks that waste large amounts of water. The Water Board, after funding projects to address health and safety, shall use loans from the Drinking Water State Revolving Fund to prioritize local projects that reduce leaks and other water system losses.

6. The Water Board and the Department shall direct urban and agricultural water suppliers to accelerate their data collection, improve water system management, and prioritize capital projects to reduce water waste. The California Public Utilities Commission shall order investor-owned water utilities to accelerate work to minimize leaks.

7. The California Energy Commission shall certify innovative water conservation and water loss detection and control technologies that also increase energy efficiency.

STRENGTHEN LOCAL DROUGHT RESILIENCE


8. The Department shall strengthen requirements for urban Water Shortage Contingency Plans, which urban water agencies are required to maintain. These updated requirements shall include adequate actions to respond to droughts lasting at least five years, as well as more frequent and severe periods of drought. While remaining customized according to local conditions, the updated requirements shall also create common statewide standards so that these plans can be quickly utilized during this and any future droughts.

9. The Department shall consult with urban water suppliers, local governments, environmental groups, and other partners to update requirements for Water Shortage Contingency Plans. The updated draft requirements shall be publicly released by January 10, 2017.



9. Urban Advisory Group (UAG)

The Department and Water Board shall consult with urban water suppliers, local governments, environmental groups, and other partners to develop these water use targets and shall publicly issue a proposed draft framework by January 10, 2017.

 Executive Order directs state agencies to consult with Water agencies, Environmental Groups and other stakeholders in developing proposals

 Creation of Urban Advisory Group (UAG)

 35 members

 MWDOC, Moulton Niguel WD and Metropolitan are members of the UAG

 Supported by broader, stakeholder based, Technical Advisory Groups

“Publicly issue a draft framework by January 10, 2017”

3. The Department and the Water Board shall permanently require urban water suppliers to issue a monthly report on their water usage, amount of conservation achieved, and any enforcement efforts.

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9. UAG Process

- 🔹 Meetings held/scheduled
 - 🔸 Urban Advisory Group
 - 🔹 Aug. 15 in Sacramento
 - 🔹 Sept. 19 & 20 at Metropolitan
 - 🔹 Oct. 20 in Sacramento
 - 🔸 Technical Advisory Work Group Meetings
 - 🔹 Aug. 1 focusing on Shortage Contingency Plans at MWDOC
 - 🔹 Sept. 8 focusing on Targets at Metropolitan
 - 🔹 Oct. 3 focusing on Shortage Contingency Plans via webinar

- 🔹 Lead by State Board and DWR staff

- 🔹 Open to the Public

🔹 Discussion focus on concepts and proposals to meet the Executive Order's provisions



2. Long-Term Water Efficiency Targets

A Water Budget Based Approach

Proposed Water Use Target Calculation

Targets calculated by adding the volume or GPCD from sector budgets, but not CII

Sector	Budget (vol.)	Budget (GPCD)
Indoor Residential	X,XXX,XXX	55 (1)
Outdoor Landscape (2)	X,XXX,XXX	XX (3)
Water Loss	XXX,XXX	X (3)
Target:	X,XXX,XXX	XX GPCD

Compliance Volume = Total Production – CII Mixed Use Meter Deliveries

- (1) Indoor Residential GPCD assigned by state agencies; 55 GPCD is provisional until 2024.
- (2) State agencies will provide irrigated landscape area to each retail agency.
- (3) Outdoor Landscape and Water Loss volumes and GPCD would be customized to each agency.








2. Why a Water Budget Based Approach?

- 💧 Accounts for landscape area and climate (Eto)
- 💧 Results in a customized water use target for each supplier
- 💧 Builds upon existing requirements
- 💧 Takes into account previous water use efficiency efforts – does not require a baseline







2. Long-Term Water Efficiency Targets (Continued)

UAG Comments:




-  Proposal moves to an efficiency standard defining “how good is good enough?” rather than an arbitrarily prescribed percent reduction
-  Removing mixed-use Commercial, Industrial and Institutional from the target is a significant improvement over the initial proposal
-  Agencies will have the sole discretion to design and utilize rate structures and drought penalties
-  A variance process is needed to address special conditions
-  Agencies will need to determine landscape area served by mixed use CII accounts and subtract that area from overall irrigated area
-  Local weather data (Eto) will be needed
-  MWDOC and agencies to evaluate how we will perform under the proposal

8. Water Shortage Contingency Plans

State Board & DWR Observations

-  Small agencies do not have WSCP and are impacted earliest
-  Large Agencies need to
 -  Do better/more comprehensive WSCP
 -  Activate WSCPs sooner to avoid state imposed conservation standards

State Board & DWR Staff objectives and Proposals

-  To develop standard WSCP requirements to assure water supplier drought resilience and forestall the need for State mandated actions
-  To recognize the need for supplier-specific flexibility for responding to actual or potential shortages
-  To assure transparency and accountability to both customers and state agencies

8. Water Shortage Contingency Plans - Approach

- 💧 **Plan:** Develop supplier-specific WSCP with defined elements
- 💧 **Assess:** Use defined process to annually assess conditions and respond with supplier-appropriate actions
- 💧 **Respond:** Implement supplier appropriate actions already defined in WSCP (based on assessment results)
- 💧 **Report:**
 - 💧 Submit annual assessment to State agencies
 - 💧 Submit WSCP every 5-years with UWMP
 - 💧 Submit monthly status when certain stages activated

8. Conceptual Proposal







	Risk Tolerance	current year assessment	year one	year two	year three	year four	year five
			For UAG Discussion Only				
	25% surplus						
	20% surplus		Stage 1				
	15% surplus			Stage 2			
	10% surplus				Stage 3		
	5% surplus					Stage 4	
	supply = demand						Stage 5
	Loal Response Actions		Voluntary	Voluntary	Mandatory	Mandatory	Mandatory
	Demand reduction/supply augmentation						



8 Water Shortage Contingency Plans

(Continued)

UAG Comments:

-  Triggers for implementing WSCPs should be local decision
-  Shift from a surplus to a shortage based approach
-  The approach needs to recognize and include both demand- and supply-side opportunities
-  The supply and demand scenario for the stress test has not been defined yet
 -  Both should be defined locally, not by the state, based on realistic/probable conditions
-  Need to be careful to separate short-term drought response from long-term efficiency

Timeline

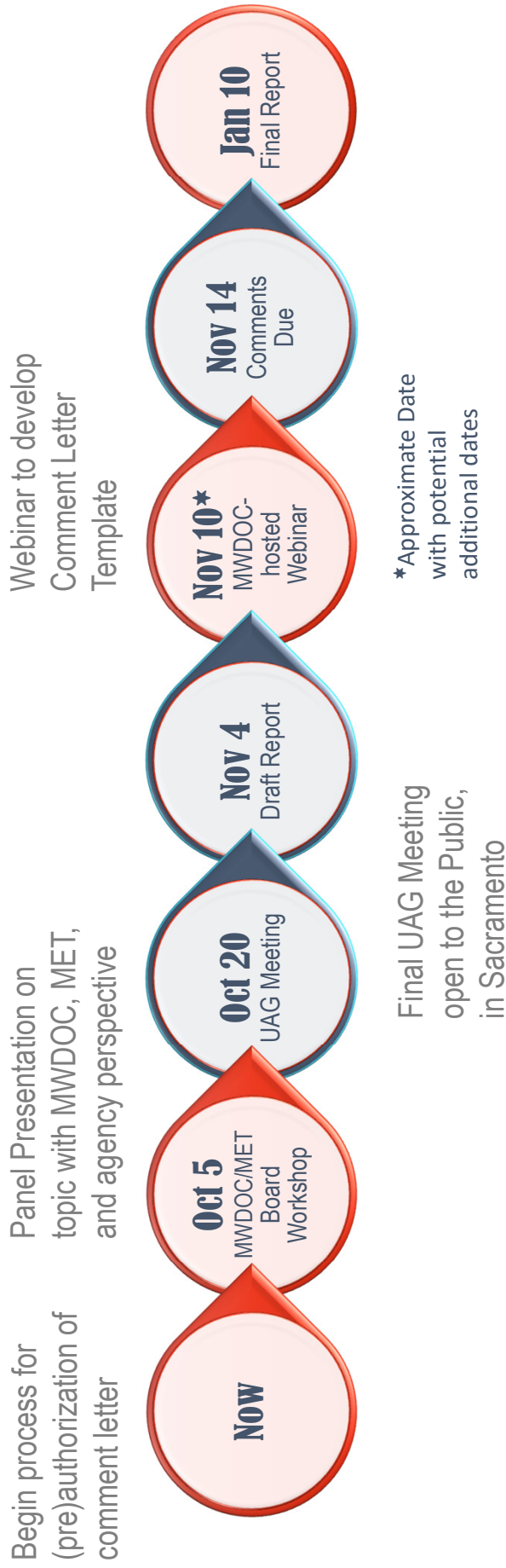
Overall Process:

- 🕒 Technical work groups within next two weeks
- 🕒 Urban Advisory Group Meeting October 20th
- 🕒 Draft Report: November 4
- 🕒 Comments due: November 14
- 🕒 Publish final report: January 10, 2017 with provisional standards

2. Implementation of Targets:

- 🕒 State to provide in 2018
 - 🕒 Finalized indoor, outdoor and CII standards
 - 🕒 Irrigated area measurement to retail agencies
 - 🕒 Gross irrigated area for each agency
 - 🕒 Guidance document
- 🕒 Provisional progress reports begin in 2019
- 🕒 Full compliance and enforcement beginning in 2025

Timeline – Key points in time to engage



MWDOC Next Steps

- 🔹 Form a small technical member agency working group to:
 - 🔹 Provide input for upcoming UAG and Technical Work Groups
 - 🔹 Draft template letter for member agency use
 - 🔹 Draft regional letter from MWDOC
- 🔹 Provide progress reports
 - 🔹 MWDOC Board
 - 🔹 Member agency managers
 - 🔹 Conservation Coordinators



Panel Discussion

Executive Department

State of California

EXECUTIVE ORDER B-37-16 MAKING WATER CONSERVATION A CALIFORNIA WAY OF LIFE

WHEREAS California has suffered through a severe multi-year drought that has threatened the water supplies of communities and residents, devastated agricultural production in many areas, and harmed fish, animals and their environmental habitats; and

WHEREAS Californians responded to the drought by conserving water at unprecedented levels, reducing water use in communities by 23.9% between June 2015 and March 2016 and saving enough water during this period to provide 6.5 million Californians with water for one year; and

WHEREAS severe drought conditions persist in many areas of the state despite recent winter precipitation, with limited drinking water supplies in some communities, diminished water for agricultural production and environmental habitat, and severely-depleted groundwater basins; and

WHEREAS drought conditions may persist in some parts of the state into 2017 and beyond, as warmer winter temperatures driven by climate change reduce water supply held in mountain snowpack and result in drier soil conditions; and

WHEREAS these ongoing drought conditions and our changing climate require California to move beyond temporary emergency drought measures and adopt permanent changes to use water more wisely and to prepare for more frequent and persistent periods of limited water supply; and

WHEREAS increasing long-term water conservation among Californians, improving water use efficiency within the state's communities and agricultural production, and strengthening local and regional drought planning are critical to California's resilience to drought and climate change; and

WHEREAS these activities are prioritized in the California Water Action Plan, which calls for concrete, measurable actions that "Make Conservation a California Way of Life" and "Manage and Prepare for Dry Periods" in order to improve use of water in our state.

NOW, THEREFORE, I, EDMUND G. BROWN JR., Governor of the State of California, in accordance with the authority vested in me by the Constitution and statutes of the State of California, in particular California Government Code sections 8567 and 8571, do hereby issue this Executive Order, effective immediately.

IT IS HEREBY ORDERED THAT:

The orders and provisions contained in my January 17, 2014 Emergency Proclamation, my April 25, 2014 Emergency Proclamation, Executive Orders B-26-14, B-28-14, B-29-15, and B-36-15 remain in full force and in effect except as modified herein.

State agencies shall update temporary emergency water restrictions and transition to permanent, long-term improvements in water use by taking the following actions.

USE WATER MORE WISELY

1. The State Water Resources Control Board (Water Board) shall, as soon as practicable, adjust emergency water conservation regulations through the end of January 2017 in recognition of the differing water supply conditions across the state. To prepare for the possibility of another dry winter, the Water Board shall also develop, by January 2017, a proposal to achieve a mandatory reduction in potable urban water usage that builds off of the mandatory 25% reduction called for in Executive Order B-29-15 and lessons learned through 2016.
2. The Department of Water Resources (Department) shall work with the Water Board to develop new water use targets as part of a permanent framework for urban water agencies. These new water use targets shall build upon the existing state law requirements that the state achieve a 20% reduction in urban water usage by 2020. (Senate Bill No. 7 (7th Extraordinary Session, 2009-2010).) These water use targets shall be customized to the unique conditions of each water agency, shall generate more statewide water conservation than existing requirements, and shall be based on strengthened standards for:
 - a. Indoor residential per capita water use;
 - b. Outdoor irrigation, in a manner that incorporates landscape area, local climate, and new satellite imagery data;
 - c. Commercial, industrial, and institutional water use; and
 - d. Water lost through leaks.

The Department and Water Board shall consult with urban water suppliers, local governments, environmental groups, and other partners to develop these water use targets and shall publicly issue a proposed draft framework by January 10, 2017.

3. The Department and the Water Board shall permanently require urban water suppliers to issue a monthly report on their water usage, amount of conservation achieved, and any enforcement efforts.

ELIMINATE WATER WASTE

4. The Water Board shall permanently prohibit practices that waste potable water, such as:
 - Hosing off sidewalks, driveways and other hardscapes;
 - Washing automobiles with hoses not equipped with a shut-off nozzle;
 - Using non-recirculated water in a fountain or other decorative water feature;
 - Watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and
 - Irrigating ornamental turf on public street medians.
5. The Water Board and the Department shall direct actions to minimize water system leaks that waste large amounts of water. The Water Board, after funding projects to address health and safety, shall use loans from the Drinking Water State Revolving Fund to prioritize local projects that reduce leaks and other water system losses.
6. The Water Board and the Department shall direct urban and agricultural water suppliers to accelerate their data collection, improve water system management, and prioritize capital projects to reduce water waste. The California Public Utilities Commission shall order investor-owned water utilities to accelerate work to minimize leaks.
7. The California Energy Commission shall certify innovative water conservation and water loss detection and control technologies that also increase energy efficiency.

STRENGTHEN LOCAL DROUGHT RESILIENCE

8. The Department shall strengthen requirements for urban Water Shortage Contingency Plans, which urban water agencies are required to maintain. These updated requirements shall include adequate actions to respond to droughts lasting at least five years, as well as more frequent and severe periods of drought. While remaining customized according to local conditions, the updated requirements shall also create common statewide standards so that these plans can be quickly utilized during this and any future droughts.
9. The Department shall consult with urban water suppliers, local governments, environmental groups, and other partners to update requirements for Water Shortage Contingency Plans. The updated draft requirements shall be publicly released by January 10, 2017.

10. For areas not covered by a Water Shortage Contingency Plan, the Department shall work with counties to facilitate improved drought planning for small water suppliers and rural communities.

IMPROVE AGRICULTURAL WATER USE EFFICIENCY AND DROUGHT PLANNING

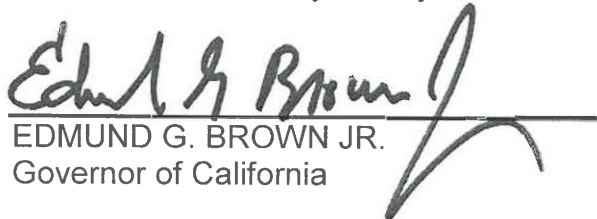
11. The Department shall work with the California Department of Food and Agriculture to update existing requirements for Agricultural Water Management Plans to ensure that these plans identify and quantify measures to increase water efficiency in their service area and to adequately plan for periods of limited water supply.
12. The Department shall permanently require the completion of Agricultural Water Management Plans by water suppliers with over 10,000 irrigated acres of land.
13. The Department, together with the California Department of Food and Agriculture, shall consult with agricultural water suppliers, local governments, agricultural producers, environmental groups, and other partners to update requirements for Agricultural Water Management Plans. The updated draft requirements shall be publicly released by January 10, 2017.

The Department, Water Board and California Public Utilities Commission shall develop methods to ensure compliance with the provisions of this Executive Order, including technical and financial assistance, agency oversight, and, if necessary, enforcement action by the Water Board to address non-compliant water suppliers.

This Executive Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

I FURTHER DIRECT that as soon as hereafter possible, this order be filed in the Office of the Secretary of State and that widespread publicity and notice be given of this order.

IN WITNESS WHEREOF I have
hereunto set my hand and caused the
Great Seal of the State of California to
be affixed this 9th day of May 2016.


EDMUND G. BROWN JR.
Governor of California

ATTEST:

ALEX PADILLA
Secretary of State



DISCUSSION ITEM

October 5, 2016

TO: Board of Directors & MET Directors

FROM: Robert J. Hunter
General Manager

Staff Contact: Harvey De La Torre/
Karl Seckel

SUBJECT: Metropolitan Water District (MET) Items Critical To Orange County

STAFF RECOMMENDATION

Staff recommends the Board of Directors to review and discuss this information.

SUMMARY

This report provides a brief update on the current status of the following key MET issues that may affect Orange County:

- a) MET's Water Supply Conditions
- b) MET's Finance and Rate Issues
- c) Colorado River Issues
- d) Bay Delta/State Water Project Issues
- e) MET's Ocean Desalination Policy and Potential Participation in the Doheny and Huntington Beach Ocean (Poseidon) Desalination Projects
- f) Orange County Reliability Projects
- g) East Orange County Feeder No. 2
- h) South Orange County Projects

ISSUE BRIEF # A

SUBJECT: MET's Water Supply Conditions

RECENT ACTIVITY

Although conditions in Northern California have been normal for 2016, resulting in a 60% State Water Project "Table A" Allocation, water restrictions along the Delta have impacted water supplies. According to DWR, the State Water Project (SWP) and Central Valley Project (CVP) combined have lost, due to fishery restrictions, close to 990,000 Acre-Feet (AF) to the ocean. Furthermore, Lake Oroville provided additional releases to help the CVP system meet its regulatory requirements which has lower deliveries to San Luis Reservoir. Although, in the coming months Lake Shasta will release additional water to payback the SWP system, these restrictions have limited potential storage.

With expected SWP and Colorado River deliveries reaching 2.11 Million AF for 2016 and MET demands totaling 1.75 MAF, MET anticipates it will increase its dry-year storage from 900 TAF to 1.3 MAF.

ISSUE BRIEF # B

SUBJECT: MET's Finance and Rate Issues

RECENT ACTIVITY

MET Financial Report

At the September MET Finance and Insurance Committee, MET staff presented their annual financial review for the first two months of FY2016-17. Water sales through August were 91.2 TAF, or 22%, lower than budget and 55.1 TAF, or 15%, lower than the 5-year average. Water sales are 10.1 TAF, or 3%, greater than this same time last year. These lower than expected water sales are attributed to the continuation of conservation.

Total revenue is \$57.9 million, or 19%, lower than budget estimates of \$301.9 million. However, compared to actual sales through August 2015, the actual August 2016 sales are \$19.3 million higher. While both treated and untreated sales are lower than the budgeted amount, the untreated sales in the current year actuals are 62% lower than expected. However, staff anticipates sales will pick up during the months of October and December as a result of groundwater basin replenishment purchases. The current year actuals are projected to be on track with the budget by the close of CY2016.

ISSUE BRIEF # C

SUBJECT: Colorado River Issues

RECENT ACTIVITY

California Agencies Refine Drought Contingency Concept

Efforts to continue voluntary conservation are ongoing and each of the Lower Basin States anticipates reduced consumptive uses for maintaining storage in 2016, which will help maintain the elevation levels in Lake Mead. Over the past several years, the Lower Basin States have agreed to voluntarily leave water in Lake Mead.

Updates to Minute 319 are under negotiation with Mexico, with a targeted completion date by the end of calendar year 2016. Effects on Metropolitan are a pilot program where MET would have the opportunity to fund conservation in Mexico with a portion of the water savings resulting in credit to Metropolitan.

Colorado River Supplies

On August 16, the U.S. Bureau of Reclamation (Reclamation) issued its annual determination of Colorado River supplies for the upcoming year, and determined that there will be no water supply curtailments on the Colorado River in 2017, meaning full Colorado River supplies available in 2017. Along with the water supply determination for 2017, Reclamation also projected the likelihood of shortages on the Colorado River for the next several years. That analysis concluded that there is about a 50 percent chance of a shortage on the Colorado River in 2018, increasing to about 60 percent in 2019 and beyond. The study suggests that without additional actions to reduce the decline of water levels in Lake Mead, water shortages will be more likely in the not-so-distant future.

Colorado River Salinity Control Forum's Water Quality Review

The Colorado River Salinity Control Forum (Forum) is in the process of developing the 2017 Review of Water Quality Standards for Salinity of the Colorado River. The review, which is completed every three years, evaluates the current and projected salinity levels of the Colorado River. Currently, because of actions taken by the Forum and Reclamation in the past, Colorado River salinity levels are well below the criteria adopted in the 1970s, but as development continues in the Colorado River, additional salinity control efforts will be needed to prevent salinity levels from exceeding standards in future years. During August, Reclamation continued to work on water quality modeling for the 2017 Triennial review, and the first draft of the modeling results will be presented to the Forum during its next meeting on October 26 and 27, 2016 in Moab, Utah. The meeting will also include a tour and celebration of the 20th Anniversary of the Paradox Valley salinity control project, which includes a well that captures brine and

injects it two miles underground to prevent it from reaching the Colorado River. The project captures about 110 million tons of salt that would otherwise flow into the River each year. The well is nearing the end of its useful life, and the Bureau of Reclamation are evaluating options for replacing the well, including the construction of evaporation ponds or another well.

ISSUE BRIEF # D

SUBJECT: Bay Delta/State Water Project Issues

RECENT ACTIVITY

California WaterFix Petition Hearings

In August and September, the California WaterFix petition hearings before the State Water Resources Control Board (SWRCB) continued. Part 1 of the hearings addresses the effects of the project on legal users of water. The first segment (Part 1A) is the presentation of the project by the California Department of Water Resources (DWR) and the Bureau of Reclamation (USBR), and all parties have the opportunity to cross examine DWR and USBR witnesses. Part 1A of the WaterFix change petition hearing completed on September 27, 2016.

The second segment (Part 1B), which is scheduled to begin October 20, 2016, is the presentation of evidence by all opponents where they describe their potential alleged injury resulting from the proposed project. DWR and USBR will have the opportunity to cross-examine the evidence presented by the project opponents. Several parties and a substantial number of joiners requested an extension of time for parties to submit Part 1B cases in chief. The co-hearing officers denied parties' request to further extend the September 1, 2016 due date.

Following the completion of the Record of Decision (ROD), Notice of Determination (NOD), and Biological Opinion (Bio Op), Part 2 of the hearings will commence. Part 2 is scheduled to begin no sooner than February 2017 and will consider the effects of the project on fish and wildlife and review "appropriate flow" criteria.

California WaterFix Petition Hearings Schedule:

- | | |
|--|--------------------------|
| • Filed Petition | Aug 2015 |
| • Part 1 | |
| ○ Filed Written Testimony | May 2016 |
| ○ Presentation of Testimony | Jul-Sep 2016 |
| ○ Protestants Filed Testimony | Sep 2016 |
| ○ Presentation of Protestant Testimony | Oct 2016 |
| • Initiation of Part 2 | After ROD/NOD and Bio Op |

Delta Smelt Resiliency Strategy

DWR is continuing to develop implementation strategies for the actions identified in the Delta Smelt Resiliency Strategy (Strategy), which is an integrated strategy that includes thirteen near-term actions to improve conditions for Delta smelt. It will be implemented from 2016 through 2018, with a focus on creating better habitat, enhancing the food

web, creating higher turbidity, and reducing levels of aquatic weeds, predators, and algal blooms that are detrimental to Delta smelt.

Metropolitan staff continues to coordinate with the state and federal agencies to provide input regarding the implementation of the actions and the design of monitoring to evaluate the effectiveness of the Strategy actions.

Beginning in July 2016, one of the actions that has been implemented was to augment of flow in the Yolo Bypass to promote food production. Early results indicate action was effective in boosting phytoplankton.

In August, Metropolitan submitted written comments to the Collaborative Adaptive Management Team. Metropolitan also was signatory to a broad coalition letter expressing support for the more comprehensive Strategy.

ISSUE BRIEF # E

SUBJECT: MET's Ocean Desalination Policy and Potential Participation in the Doheny and Huntington Beach Ocean (Poseidon) Desalination Projects

RECENT ACTIVITY

MET is working on the Phase 2 of its Integrated Resources Plan for 2015. MET is open to considering alternative ways of participating in local projects, including ocean desalination projects, as part of the on-going discussions.

Doheny Desal

The details of this have been moved to briefing Issue H as it pertains only to South Orange County.

Poseidon Huntington Beach

Orange County Water District (OCWD) is currently working on preparation of the CEQA documentation for the Poseidon Project. Work continues on the project integration into the water supplies for OC. Poseidon is working with the Santa Ana Regional Water Quality Control Board on their NPDES permit. It is our understanding that the Regional Board may wait until the CEQA document is completed to consider action. Poseidon has deferred their application at the Coastal Commission until the Regional Board work is completed, likely sometime in 2017.

ISSUE BRIEF # F

SUBJECT: Orange County Reliability Projects

RECENT ACTIVITY

Central Pool Augmentation Program

There are no updates to report.

Orange County Water Reliability Study

Karl Seckel, Harvey De La Torre along with Dan Rodrigo and Andrea Zimmer from CDM-Smith met with MET staff members Brandon Goshi and Jennifer Nevills who were in charge of MET's IRP and IRP modeling. Our goal was to share our approach for the OC Water Reliability evaluation and to compare and contrast the approach of the two studies. MET appreciated the briefing and approach used in OC.

CDM-Smith is working on the final publishing of the reports:

- There are four Technical Memoranda (TM) being prepared and an Executive Summary plus several appendices. All four TM's have previously been circulated and comments have been submitted.
- Staff and CDM-Smith TM have incorporated comments from staff and member agencies into TM's 1, 2 & 4. Staff will be reviewing these and sending them out for final quick review. TM 3 is nearing completion and will need review by OCWD staff.
- CDM-Smith recently submitted the first version of the Executive Summary to staff for review and comments. Staff will provide input back and then the Executive Summary will be sent out for comments to our agencies.
- Staff and CDM-Smith will complete the publishing by the end of October.

ISSUE BRIEF # G

SUBJECT: East Orange County Feeder No. 2

RECENT ACTIVITY

Use of East Orange County Feeder No. 2 for Conveyance of Groundwater and Poseidon Water

After a briefing/background document is updated, Rob Hunter will be meeting with Debra Man to continue the discussions at that level.

ISSUE BRIEF # H

SUBJECT: South Orange County Projects

RECENT ACTIVITY

Doheny Desal Project

South Coast Water District is continuing to move the project forward and to look for potential partners and grant funding as they initiate the CEQA process.

MWDOC is working on the decommissioning and removal of the test facilities at Doheny State Park. Plans, specifications, permitting and coordination with State Parks for the decommissioning work is nearing completion. The construction award will come to the P&O Committee and Board likely in December.

MWDOC is awaiting NWRI to schedule the Science Advisory Panel to review both the SJBA and the South Coast Water District Foundational Action Program Studies.

Other NEW Information on South County Projects as of August 2016:

- **San Juan Basin Optimization Project** – Santa Margarita Water District (SMWD) is proceeding along with the preliminary design for the project; they have hired a CEQA firm to begin preparation of the environmental documents. They have also asked neighboring agencies about potential interest in the project and recently held a workshop discussion hosted by the South Coast Water District Board. Agencies were asked to respond by September 15 regarding interest in the Project. SMWD also developed and released an RFP to solicit proposals from engineering firms interested in providing technical support for the project. SMWD expects to award the contract in September.
- **Trampas Recycled Water Reservoir** – SMWD is continuing to work on the design for this 5,000 AF recycled reservoir project that will allow for expansion of recycled water distribution to SMWD and neighboring agencies.
- **Advanced Purified Water (APW) Facility at Lake Mission Viejo** – SMWD has proceeded with construction of a recycled water treatment facility to provide additional treatment for the SMWD's disinfected, tertiary effluent and produce advanced purified water to maintain water levels in Lake Mission Viejo. The APW will incorporate a collection of treatment processes including ultrafiltration, chemical conditioning, reverse osmosis, and UV disinfection. Effluent will be discharged into Lake Mission Viejo with the remaining effluent distributed in the SMWD's existing recycled water system through additional piping connections. Production capacity of the APW facility is expected to be 600 AFY. The estimated operational date is this fall.

- **Camp Pendleton Seawater Desalination Project** - San Diego County Water Authority (SDCWA) is studying a desalination project to be located at the southwest corner of Camp Pendleton Marine Corps Base adjacent to the Santa Margarita River. The project is currently in the feasibility study stage and SDCWA is conducting geological surveys, analyzing intake options, and studying the effect on ocean life and routes to bring desalinated water to SDCWA's delivery system. MWDOC and the Doheny Desal Participants are working to lease the Doheny Mobile Test Facility to Michael Baker International for use at the SDCWA intake study testing site.
- **Expansion of the Irvine Interconnection Project to South Orange County** - An agreement completed in 2006 resulted in an investment by South Orange County (SOC) agencies in the Irvine Ranch Water District (IRWD) system to allow exchanges of water to be delivered by IRWD into SOC under emergency situations. Project capacity was committed by IRWD to move up to 30 cfs of emergency supplies whereas the agreement allows moving up to 50 cfs, not to exceed 3,000 AF per emergency event. In accordance with the Agreement with IRWD, the emergency capacity committed to the SOC agencies declines over time and goes to zero by 2030. IRWD is examining their ability to increase the exchange and conveyance of water under this arrangement or extend to extend the end date of the agreement and the capacity thereunder. MWDOC is working on other options with OCWD and MET to move groundwater via the EOCF#2 to SOC during emergency events.
- **Baker Water Treatment Plant** - The Baker Water Treatment Plant is a joint regional project by five SOC water districts to build a 28.1 million gallon per day (mgd) [43.5 cubic feet per second (cfs)] drinking water treatment plant at the site of the former Baker Filtration Plant in the City of Lake Forest is nearing completion. The project will provide increased water supply reliability to South Orange County by increasing local treatment capability from multiple water supply sources, including imported untreated water from MET through the Santiago Lateral and local surface water from Irvine Lake. The project will provide a reliable local drinking water supply during emergencies or extended facility shutdowns on the MET delivery system. It will also increase operational flexibility by creating redundancy within the water conveyance system. The advanced treatment processes - microfiltration treatment and ultraviolet disinfection technologies – will produce water that meets standards stricter than current regulatory requirements, resulting in a consistent, high quality source of drinking water for South Orange County. Plans are underway for the start of operation in November 2016; MWDOC, IRWD, SMWD and the Project Participants are working on the meter reading and water invoicing as part of the water will be pumped into the South County Pipeline.
- **Laguna Beach County Water District Groundwater Project with Newport Beach** – MWDOC, MET, Laguna Beach County Water District and Newport Beach have been working to activate Laguna Beach County's access to 2,025

AF of groundwater from within the Orange County Water District Basin.
Deliveries began in September 2016.

If any agencies would like to have updates included herein on any projects within your service area, please email the updates to Karl Seckel at kseckel@mwdoc.com

**Summary Report for
The Metropolitan Water District of Southern California
Board Meeting
September 13, 2016**

INDUCTION OF BOARD MEMBER

Gloria Cordero was inducted to the Board representing the City of Long Beach. (**Agenda Item 5C**)

COMMITTEE ASSIGNMENTS

Director Cordero was assigned to the Legal and Claims Committee and the Organization, Personnel and Technology Committee. (**Agenda Item 5E**)

FINANCE AND INSURANCE COMMITTEE

Adopted the Resolution Pertaining to the Reimbursement from Bond Proceeds of Capital Expenditures for the Purchase of the Delta Islands and Acquisition Costs, and Costs of Issuance of Debt as contained in the Board letter. (**Agenda Item 8-1**)

ENGINEERING AND OPERATIONS COMMITTEE

Appropriated \$2.43 million; awarded \$1,171,293 contract to Corpro Companies, Inc. to install cathodic protection on the Allen-McColloch Pipeline; and authorized design of cathodic protection for the Orange County Feeder. (Approp. 15441) (**Agenda Item 8-2**)

COMMUNICATIONS AND LEGISLATION COMMITTEE

Adopt Policy Principle on Watershed Management. (**Agenda Item 8-3**) (**The item was withdrawn**)

REAL PROPERTY AND ASSET MANAGEMENT COMMITTEE

Authorized renewal of leases for HayDay Farms and River Valley Ranches. (**Agenda Item 8-4**)

CONSENT CALENDAR

In other action, the Board:

Appropriated \$550,000; and authorized design of electrical upgrades to 14 structures within the Orange County operating region. (Approp. 15480) (**Agenda Item 7-1**)

Appropriated \$290,000; and authorized design of lining repairs for the yard piping at Hiram W. Wadsworth Pumping Plant. (Approp. 15480) (**Agenda Item 7-2**)

OTHER MATTERS:

In other action, the Board:

Approved 30-day leave of absence for Director Russell Lefevre, effective September 23, 2016.
(Agenda Item 5D)

THIS INFORMATION SHOULD NOT BE CONSIDERED THE OFFICIAL MINUTES OF THE MEETING.

Board letters related to the items in this summary are generally posted in the Board Letter Archive approximately one week after the board meeting. In order to view them and their attachments, please copy and paste the following into your browser <http://edmsidm.mwdh2o.com/idmweb/home.asp>.



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

MWD MEETING AGENDA

Board Meeting
Meeting with Board of Directors

October 11, 2016

11:30 a.m. -- Board Room

MWD Headquarters Building

700 N. Alameda Street

Los Angeles, CA 90012

1. Call to Order

- (a) Invocation: Linda Omoto Baldini, Senior Administrative Analyst, Real Property Group
- (b) Pledge of Allegiance: Director Sylvia Ballin

2. Roll Call

3. Determination of a Quorum

4. Opportunity for members of the public to address the Board on matters within the Board's jurisdiction. (As required by Gov. Code § 54954.3(a))

5. OTHER MATTERS

- A. Approval of the Minutes of the Meeting for September 13, 2016. (A copy has been mailed to each Director) Any additions, corrections, or omissions

Draft Minutes

- B. Report on Directors' events attended at Metropolitan expense for month of September
- C. Induction of new Director Elsa Saxod, from San Diego County Water Authority

- (a) Receive credentials
- (b) Report on credentials by General Counsel
- (c) File credentials
- (d) Administer Oath of Office
- (e) File Oath

- D. Approve committee assignments

- E. Chairman's Monthly Activity Report

- F. Report from Executive Committee on nominations

- G. Nomination and Election for Board Chairman for two-year term effective January 1, 2017

6. DEPARTMENT HEADS' REPORTS

- A. General Manager's summary of Metropolitan's activities for the month of September
- B. General Counsel's summary of Legal Department activities for the month of September
- C. General Auditor's summary of activities for the month of September
- D. Ethics Officer's summary of activities for the month of September

7. CONSENT CALENDAR ITEMS — ACTION

- 7-1 Adopt CEQA determination and resolution for Annexation No. 100 to Calleguas Metropolitan Water District and Metropolitan. (F&I)

7-1 Board Letter & Attachments

- 7-2 Adopt CEQA determination and appropriate \$1.1 million; and authorize increase in change order authority for the filter rehabilitation construction contract at the F. E. Weymouth Water Treatment Plant (Approp. 15477). (E&O)

7-2 Board Letter & Attachments

- 7-3 Adopt CEQA determination and appropriate \$1.6 million; and authorize (1) preliminary investigations and preparation of environmental documentation for dewatering of the Foothill Feeder; and (2) agreement with Dudek in an amount no to exceed \$750,000 (Approp. 15480). (E&O)

7-3 Board Letter & Attachments

- 7-4 Adopt CEQA determination and authorize agreements with Brown and Caldwell, Carollo Engineers, CDM Smith, CH2M, and Parsons Environment & Infrastructure Group for engineering services to support board-authorized Capital Investment Plan projects. (E&O)

7-4 Board Letter & Attachment

- 7-5 Adopt CEQA determination and appropriate \$180,000; and authorize design of chemical containment upgrades at the Henry J. Mills Water Treatment Plant (Approp. 15452). (E&O)

7-5 Board Letter & Attachments

- 7-6 Adopt CEQA determination and authorize granting a 48-square foot permanent easement to Southern California Edison for power lines on Metropolitan-owned property near Lake Mathews in Riverside County. (RP&AM)

7-6 Board Letter & Attachments

(END OF CONSENT CALENDAR)

8. OTHER BOARD ITEMS — ACTION

- 8-1 Adopt CEQA determination and appropriate \$7.9 million; and authorize (1) preliminary investigations to rehabilitate the 45 main pumps at Metropolitan's Colorado River Aqueduct pumping plants; (2) design to rehabilitate a single main pump; and (3) agreement with Northwest Hydraulic Consultants, Inc. in an amount not to exceed \$300,000 (Approp. 15481). (E&O)

8-1 Board Letter & Attachments

- 8-2 Adopt CEQA determination and adopt Policy Principle on Watershed Management. (C&L) (To be mailed separately)

- 8-3 Adopt CEQA determination and approve Metropolitan Water District's Salary Schedule pursuant to CalPERS regulations. (OP&T) (To be mailed separately)

9. BOARD INFORMATION ITEMS

None

10. FUTURE AGENDA ITEMS

11. 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.

This committee reviews 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 the meeting of the Board of Directors may be obtained from the Board Executive Secretary. This committee will not take any final action that is binding on the Board, even when a quorum of the Board is present.

Writings relating to open session agenda items distributed to Directors less than 72 hours prior to a regular meeting are available for public inspection at Metropolitan's Headquarters Building and on Metropolitan's Web site <http://www.mwdh2o.com>.

Requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.