

WORKSHOP MEETING OF THE  
BOARD OF DIRECTORS WITH MET DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Board Room, Fountain Valley, California  
November 2, 2016, 8:30 a.m.

**AGENDA**

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**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. 2038)**

**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 AUGUST 2016**

*Recommendation: Review and discuss the information presented.*

**3. UPDATE 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 October MET Board Meeting
- b. Review items of significance for MET Board and Committee Agendas

*Recommendation: Review and discuss the information presented.*

6. **RECOGNITION OF DIRECTOR SUSAN HINMAN FOR HER SERVICE ON THE MWDOC BOARD (ON THE OCCASION OF HER RETIREMENT)**

## **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**

November 2, 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 AUGUST 2016**

**STAFF RECOMMENDATION**

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

**REPORT**

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

For the month of August 2016, Orange County saved 16.33% (compare to historical average of June 2014 and 2013), far exceeding the MWDOC Countywide saving goal of 10%. In fact, total water demand for FY2015-16 is projected to be the lowest demand since 1983. These saving have resulted in over 155,000 AF of water (compared to 2013 water usage) since the State Control Board's Conservation Targets were put in place- June 2015.

As we started the new water year on October 1, state precipitation is exceeding expectations. The Northern California accumulated precipitation (8-Station Index) is reporting 7.3 inches or 300% of normal as of October 25, with a strong chance of additional precipitation before the end of the month. So far, October 2016 is forecasted to be one of the wettest months on record. However, the water year is still early and most of the state's precipitation occurs in the winter months of December thru February.

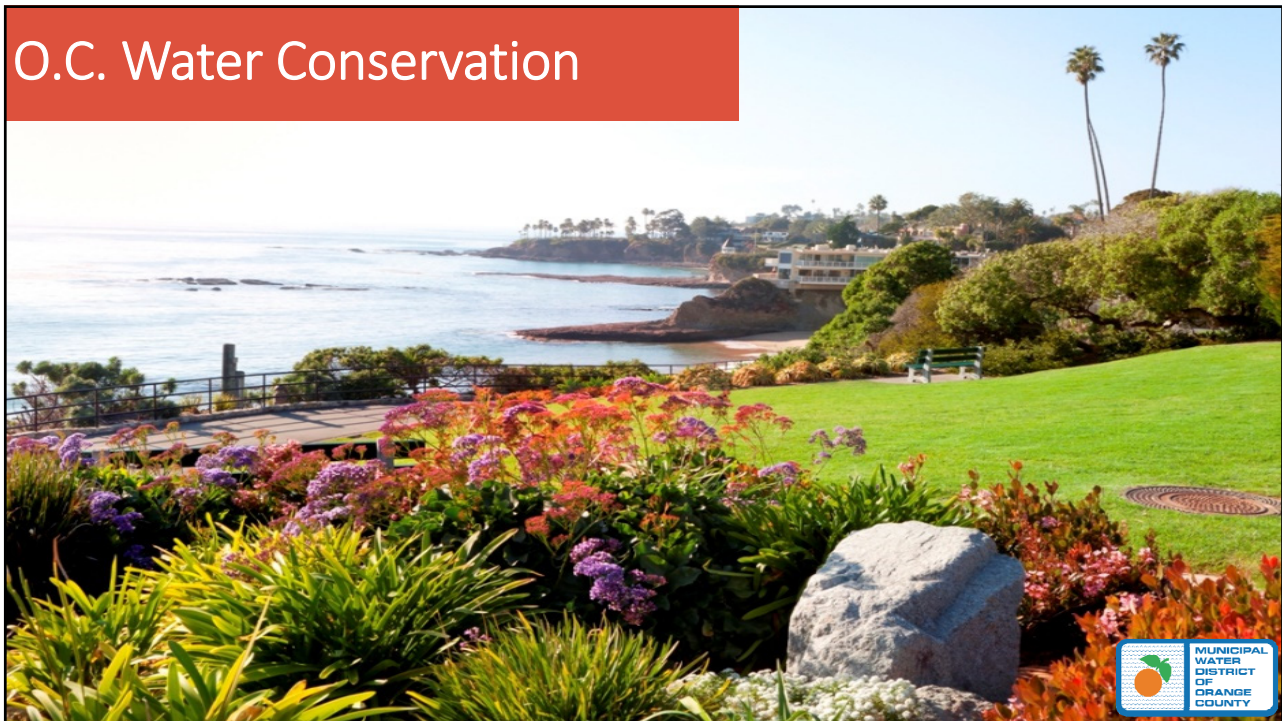


# Orange County Drought Performance & Water Supply Report

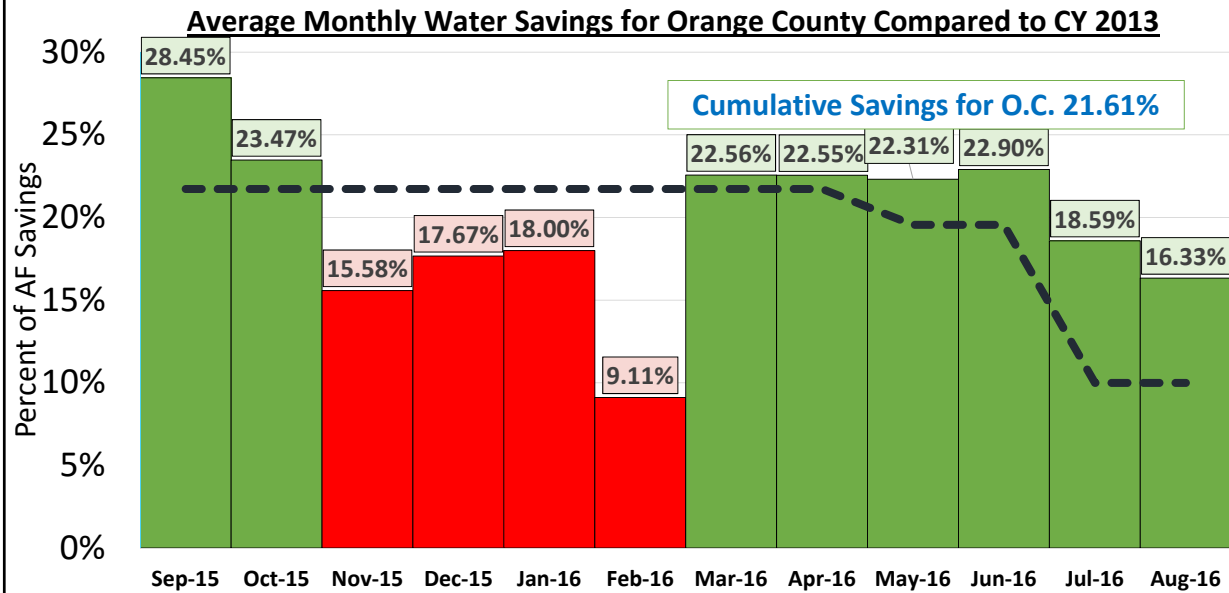
November 2, 2016

Municipal Water District of Orange County

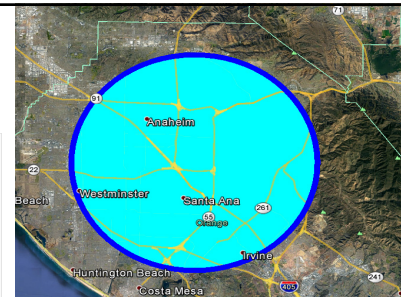
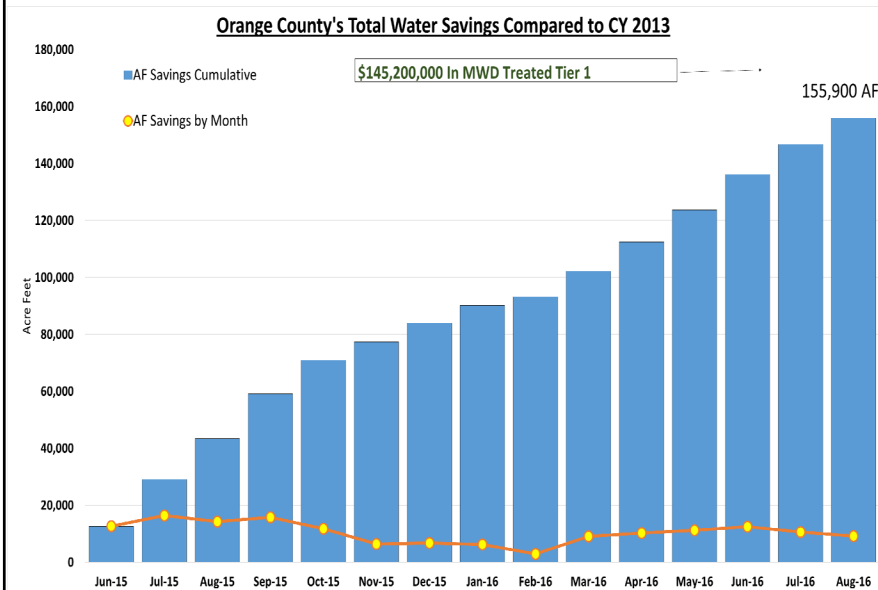
## O.C. Water Conservation



## O.C. Water Savings Reported to SWRCB



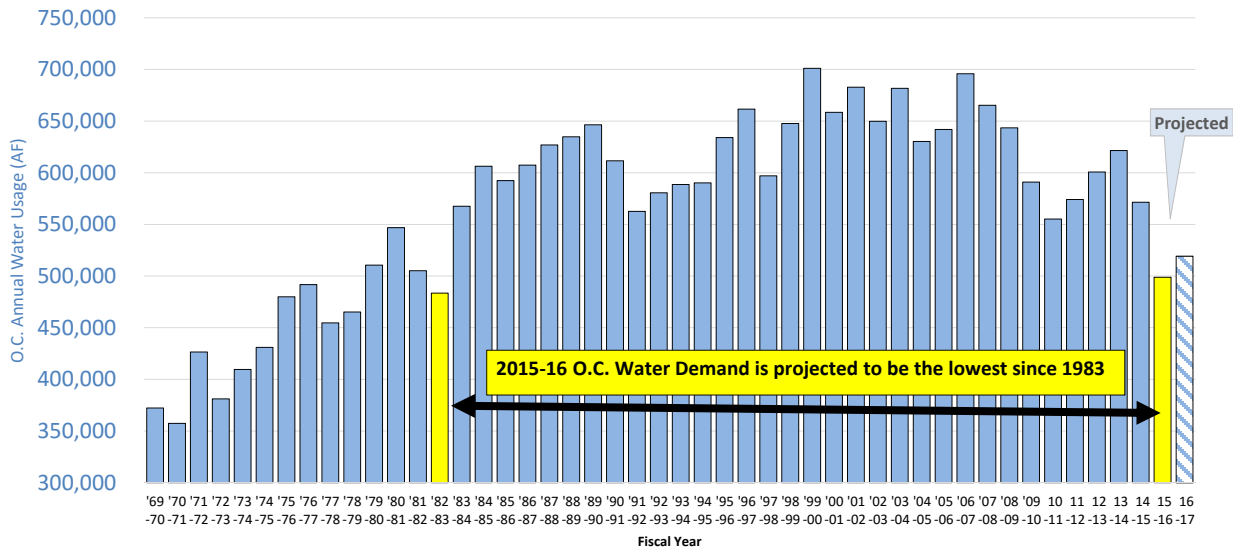
## O.C. Water Saving (Cumulative)



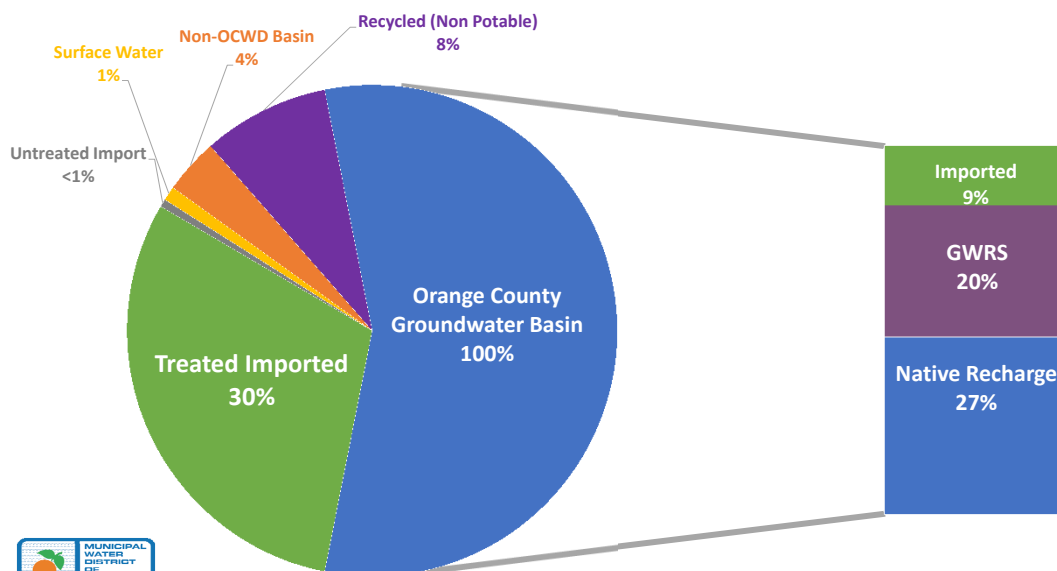
**= 31% of O.C. land mass in 12" of H<sub>2</sub>O**  
**= \$145 Million MWD Treated Imported**



## O.C. Historical Water Usage



## O.C. 2015-16 Water Usage

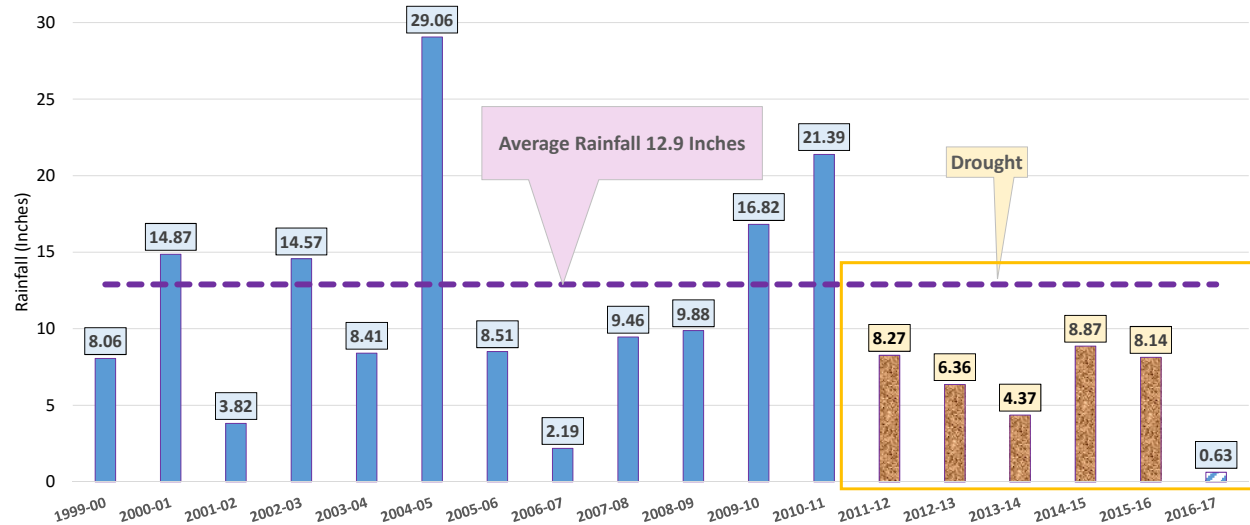




# Historical Local Precipitation



Santa Ana Annual Precipitation Statistics (Fiscal Year July-June)



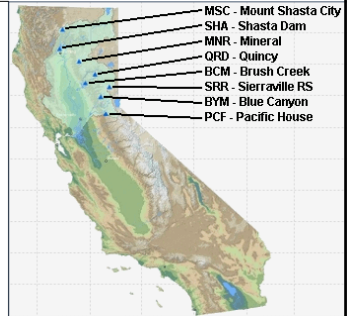
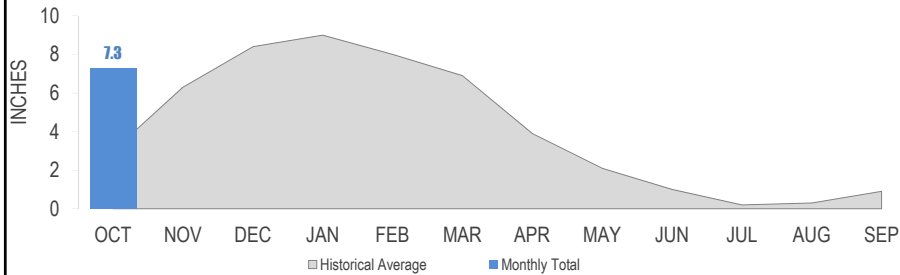
## Regional Weather and Water Supply Conditions



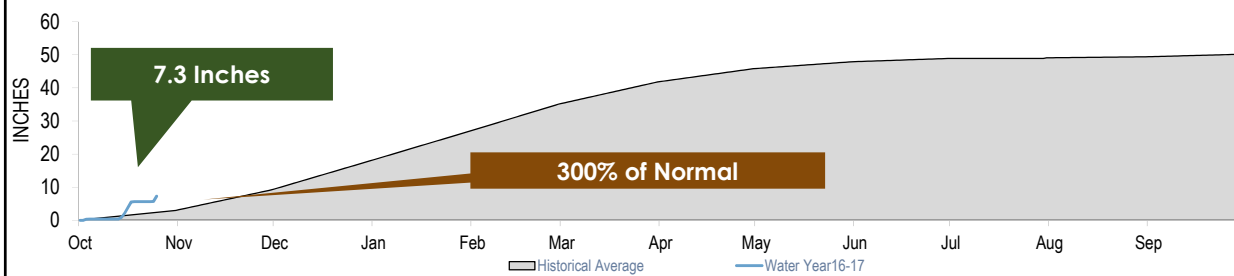
## Northern California Accumulated Precipitation



### Monthly Precipitation (8 Station Precip Index)



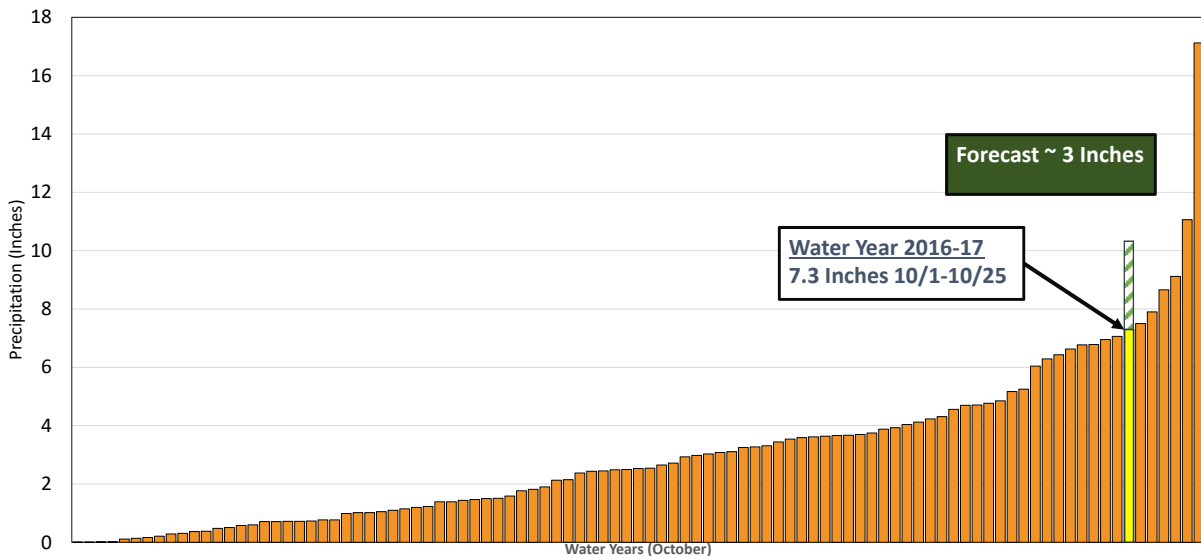
### Accumulated Precipitation (8-Station Precip Index)



## Historical Northern California Accumulated Precipitation



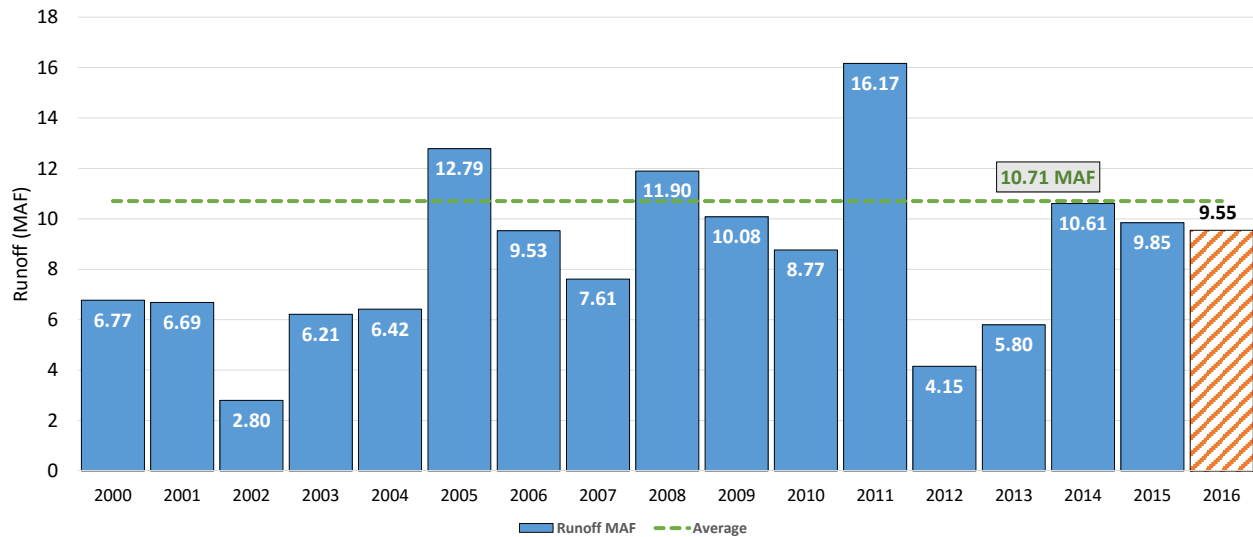
### Historical October Northern California Precipitation



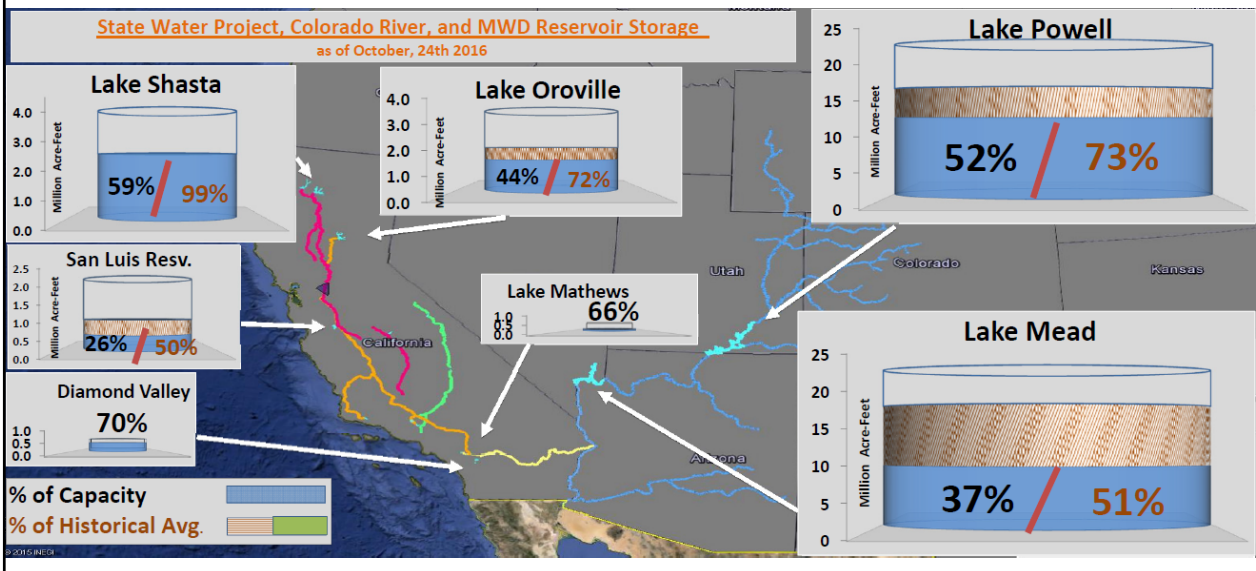


# Lake Powell Inflows

Lake Powell Unregulated Historical Inflow



# Water Storage







## DISCUSSION ITEM

November 2, 2016

**TO:** Board of Directors

**FROM:** Robert Hunter  
General Manager

**Staff Contacts:** Harvey De La Torre  
Joe Berg

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

### STAFF RECOMMENDATION

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Staff recommends the Board of Directors review and discuss this information

### BACKGROUND

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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. Three of the Executive Order's main areas focus on urban water use: Using Water More Wisely, Elimination of Water Waste, and Strengthen Local Drought Resilience. They are summarized in the report below.

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 approximately 35 water agencies, cities, environmental organizations, and stakeholders from across California. Local representation on the UAG includes representatives from the Metropolitan Water District of Southern California, MWDOC, and Moulton Niguel Water District. So far, three UAG meetings have taken place. Technical sub-groups have also been established and will continue to meet.

### REPORT

<b>Budgeted (Y/N):</b> n/a	Budgeted amount: n/a	Core <input checked="" type="checkbox"/> _X_	Choice <input type="checkbox"/> __
<b>Action item amount:</b> n/a		Line item:	
<b>Fiscal Impact (explain if unbudgeted):</b>			

In response to the actions established within Executive Order B-37-16, the Department of Water Resources (DWR) and the State Water Resources Control Board (State Board) must jointly develop two proposals. The first will respond to using water more wisely through new, long-term efficiency targets that go beyond 20% by 2020 targets. The second is to strengthen local drought resilience through requirements for Water Shortage Contingency Plans (WSCP).

#### Draft Proposal: Long-Term Efficiency Targets

To use water more wisely, the Executive Order identifies select practices for permanent prohibition:

- Hosing off sidewalks, driveways, other hardscape
- Washing cars without a hose shut-off nozzle
- Non-recirculating water in decorative features
- Watering lawns in a manner that causes runoff, including watering within 48 hours of rain
- Irrigating ornamental turf on street medians

Additional practices may also be prohibited.

Further, the establishment of agency-level long-term water use efficiency targets have been proposed and will require permanent monthly reporting. These targets must go beyond the 20% by 2020 target established through SBx7. Water agencies will establish a long-term framework for new agency-level water use targets based on the water budgets calculated from standards for each of the following four sectors: Indoor Residential; Outdoor Irrigation; Commercial, Industrial, Institutional (CII); and Distribution System Loss Budget. The final standards will be developed through a public process. Thus far through the UAG process, parameters have been proposed for the development of the following water budgets:

Indoor Residential Budget: The provisional proposed standard is 55 gallons per person per day (GPCD), which will be revised downward in 2018, based on additional studies. The State will reevaluate in 2025 to determine a 2030 standard.

Outdoor Irrigation Budget: Building off of the updated Model Water Efficient Landscape Ordinance (MWELO), landscape water budgets will include adjust factors based on weather (ETAF), landscape plant, and irrigation efficiency. Further, the age of a development will impact the standard (meaning, pre 2010 landscapes will be given a higher ETAF (80%), allowing for more irrigation, than post 2015 landscapes which should have a lesser water need and consequently a lower ETAF in accordance with MWELO). The water budget for “special landscapes,” such as landscapes irrigated with recycled water, are given an ETAF of 100%.

Commercial, Industrial, Institutional (CII) Budget: CII accounts will be classified by NAICS<sup>1</sup> code, and benchmarks will be developed for major industries. Large landscape areas will be required to have separate meters for indoor and outdoor use. Audits and water management plans will be required within the CII sector, however, it remains unclear if these are intended to be at the customer or agency level.

DWR will release a technical guidance document on water budget targets, reporting, and compliance. Additionally, all water agencies will receive aerial imagery of land-use area data from DWR by the summer of 2018. Water agencies will be required to finalize their water budgets for compliance by 2025.

Reporting on the new efficiency targets will be required within six months of receiving land-use area data or by April 1, 2019, whichever is later. Water agencies will report to DWR in a supplement to their Urban Water Management Plan.

The reporting will include:

- Calculation of 2018 provisional targets
- Narrative descriptions of:
  - Whether the supplier is meeting its provisional target
  - Actions the supplier will take to meet targets by 2025
- Water loss standard set by State Board

Enforcement will begin in 2026 following water agencies' submissions of its 2025 compliance reports on water use targets. Suppliers that do not meet their 2025 targets are subject to enforcement at the supplier level only. Enforcement may range from information/conservation mandates to administrative civil liability penalties (fines).

#### Draft Proposal: Strength Water Shortage Contingency Plans

To meet these requirements established for strengthening WSCPs within the Executive Order, WSCPs must now identify actions the water agency would take to reduce demands at different uniform shortage thresholds; although each agency may have different actions. Furthermore, the agencies must demonstrate how they will enforce reductions when required. Additional proposed elements for inclusion within WSCPs are:

- Documentation of ability to enforce actions identified in WSCP
- Communications plan
- Financial plan to address reduced demand when WSCP actions are triggered
- Process to update WSCP every five years

Water agencies would be required to submit an annual report forecasting available supplies versus demands to determine if the WSCP needs to be triggered. The annual report must include the data used to support projections and the process of review by council/board. Uncertainty remains regarding the obligation of conservation and/or other actions as well as which supplies may be used in developing the projections.

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<sup>1</sup> The North American Industry Classification System (NAICS) classifies business establishments for the purpose of collecting, analyzing, and publishing statistical data related to the U.S. economy. The NAICS industry codes define establishments based on the activities in which they are primarily engaged.



A 5-year Drought Risk Assessment using “driest plausible hydrology” has also been proposed for annual submission. Concerns were raised regarding the inequivalence of the five-year term and known State Water Project Table A allocations. Additional concerns were raised by UAG stakeholders regarding the unintended consequences surrounding new development/available water supply as well as public relations regarding supplies. It was suggested by UAG participants that the 5-year Drought Risk Assessment be done as part of Urban Water Management Plans.

As part of this process, water agencies will be responsible for continuing monthly reporting of demands. The State will keep track of agencies that have implemented their WSCPs and report information on statewide water use and shortage actions. Enforcement will ensure agencies submit adequate plans and follow through with them, both of which were previously identified as shortcomings.

### Timeline

The release date of the formal draft proposals and public comment period has been deferred 10 days, to November 14, 2016, with comments due by November 23, 2016. However, both final proposals are to be submitted to the Governor and Legislature by January 10, 2017.

To coordinate proposal comments, MWDOC will facilitate an in-person and web-based workgroup discussion to develop a template letter for water agency use. This workgroup discussion is tentatively set for November 17, following the regularly scheduled MWDOC Managers meeting.



**DISCUSSION ITEM**

November 2, 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**

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

**SUMMARY**

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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**

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October 1, 2016 marked the beginning of the Water Year 2017. While it is not possible to accurately say whether water year 2017 will be wet or dry, we can expect that on average future droughts will become increasingly challenging due to the expected warmer temperatures. However, as of October 24, 2016, the 2017 Water Year has begun with 7.3 inches of accumulated precipitation at the 8-station index, resulting in 300% of normal.

While Lake Shasta is at 59% capacity, which is 99% of normal, and Lake Orville is at 44% capacity, which is 72% of normal; San Luis Reservoir remains at 26% of capacity. The low San Luis Reservoir level is a result of two factors. Water is being delivered to the Delta, instead of San Luis, to benefit Salmon which are in need of colder water. Additionally, water is being diverted to assist with salt water intrusion in the Delta.

On the Colorado River reservoir front, as of October 3, 2016, the water level at Lake Mead was at 1,075.36 ft. with 9.63 MAF of storage, or 37% of capacity. The water level at Lake Powell was at 3,610.92 ft. with 12.82 million acre-feet of storage, or 53% of capacity. The total system storage was at 30.17 MAF, or 51% of capacity, which is about 121,000 AF less than this time last year.

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**

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#### **MET Financial Report**

At the October MET Finance and Insurance Committee, MET staff presented its quarterly financial review for the first quarter of FY2016-17. At the end of the first quarter, the cumulative water sales through September were 127.5 thousand acre-feet (TAF) (21%) lower than budget and 83.2 TAF (15%) lower than the five year average. While the monthly sales are tracking under budget, they are higher than this point last year. Sales at the end of the second quarter will give greater insight on "Budget to Actual" estimates.

Of note, a \$36 million credit was received for the State Water Contract. Nonetheless, the current State Water Project budget projections remain on target.

## **ISSUE BRIEF # C**

**SUBJECT: Colorado River Issues**

### **RECENT ACTIVITY**

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#### **Metropolitan Submits its 2017 Colorado River Water Request**

On September 15, Metropolitan submitted its annual Colorado River Water request to the Bureau of Reclamation (Reclamation). Metropolitan's 2017 water request included its basic apportionment and an estimate of water supplies made available by Metropolitan's Imperial Irrigation District (IID) Conservation Program, the PVID following program, the IID-San Diego County Water Authority transfer and exchange program, and water conserved by the All-American and Coachella Canals. The total initial estimate of water available to Metropolitan in 2017 is 960,000 acre-feet. This figure does not represent any agricultural adjustments, which could be positive or negative, nor storing or taking delivery of any Intentionally Created Surplus (ICS) supplies to or from Lake Mead. If additional Colorado River supplies are needed in 2017, Metropolitan could take delivery of ICS or develop additional water management programs with its partners along the Colorado River.

#### **Proposed Lower Basin Drought Contingency Plan Refined**

In the summer of 2016, Lake Mead reached its lowest level since it was initially filled in the 1930s. Recent studies project an increased risk of Lake Mead falling to critically low levels, which could put all Colorado River water users in the Lower Basin at risk for water curtailments and supply uncertainty. To address this increased risk, representatives of the U.S. Bureau of Reclamation (Reclamation), Arizona, California, Nevada, and water agencies within those states, including Metropolitan, developed a proposal to reduce the likelihood of Lake Mead falling to elevation 1,020 feet and to develop operational tools to provide greater flexibility to meet water supply needs.

The proposed Lower Colorado River Basin Drought Contingency Plan (Plan) includes increasing but manageable reductions in water deliveries to each state within the Lower Basin in the event that Lake Mead continues to decline. It also includes provisions to help Metropolitan fill its Colorado River Aqueduct when needed to meet demands in its service area.

As part of the incentive for California to participate, the proposed Plan includes increased flexibility to meet water supply needs. Implementation of the proposed Plan would significantly reduce the risk of Lake Mead reaching critically low levels within the next 10 years, which would significantly reduce the risk of potential water curtailments to California water agencies, including Metropolitan, and provide stability on the Colorado



River to continue to implement water management programs to meet Metropolitan's needs. The Plan would also confirm that Metropolitan has the ability to store and take delivery of ICS, bank water from Nevada, and explore binational opportunities to augment its water supplies. These programs have provided significant benefit to Metropolitan during California's ongoing drought, and lay the framework for Metropolitan to meet its Board-adopted policy principle of filling the Colorado River Aqueduct in years needed to meet its service area's water demands.

The full overview of the proposed Lower Colorado River Basin Drought Contingency Plan can be found in the attached Metropolitan Water Planning and Stewardship Committee Information Item.



- **Board of Directors**  
***Water Planning and Stewardship Committee***

11/8/2016 Board Meeting

9-1

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## **Subject**

Overview of proposed Lower Colorado River Basin Drought Contingency Plan

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## **Executive Summary**

In the summer of 2016, Lake Mead reached its lowest level since it was initially filled in the 1930s. Recent studies project an increased risk of Lake Mead falling to critically low levels, which could put all Colorado River water users in the Lower Basin at risk for water curtailments and supply uncertainty. To address this increased risk, representatives of the U.S. Bureau of Reclamation (Reclamation), Arizona, California, Nevada, and water agencies within those states, including Metropolitan, developed a proposal to reduce the likelihood of Lake Mead falling to elevation 1,020' and to develop operational tools to provide greater flexibility to meet water supply needs. The proposed Lower Colorado River Basin Drought Contingency Plan (Plan) includes increasing but manageable reductions in water deliveries to each state within the Lower Basin in the event that Lake Mead continues to decline. It also includes provisions to help Metropolitan fill its Colorado River Aqueduct when needed to meet demands in its service area.

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## **Background**

In 2007, the Secretary of the Interior adopted the Record of Decision to implement the Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations for Lake Powell and Lake Mead (Interim Guidelines). The Interim Guidelines, which are in effect for a 20-year period through 2026, include shortage triggers for water users in Arizona and Nevada based on water surface elevations in Lake Mead. California was not included in these initial shortage triggers because of its higher priority confirmed in the Colorado River Basin Project Act of 1968. The Interim Guidelines address shortage amounts that are applied at certain Lake Mead levels down to elevation 1,025'. If Lake Mead were to drop below 1,025', the Secretary of the Interior would consult with the Colorado River Basin states to discuss what additional actions or reductions would be needed to prevent Lake Mead from falling below elevation 1,000'. The Interim Guidelines do not address which state or agencies would take any additional water reductions or the amount of those reductions. Hydrologic modeling conducted by Reclamation in 2007 projected about a 10 percent chance of Lake Mead falling to elevation 1,020' through 2026.

The Interim Guidelines also established the Intentionally Created Surplus (ICS) program, which allows agencies to store conserved water in Lake Mead for later delivery. Metropolitan has greatly benefited from its use of the ICS program. Metropolitan stored and then took delivery of 500,000 acre-feet of ICS water during the last four years to offset low State Water Project deliveries due to ongoing California drought and pumping constraints. At the time the Interim Guidelines were being developed, representatives from Arizona and California could not agree on how the ICS program would operate in years when a shortage declaration was declared at Lake Mead elevation 1,075', so the Interim Guidelines do not address ICS creation or delivery during shortages. Representatives from Arizona, however, have stated that without a subsequent agreement, they would attempt to block any effort by California to recover ICS when a shortage has been declared on the Colorado River.

In 2015, based on updated information and including the risks of climate change on the Colorado River Basin, Reclamation conducted an updated hydrologic study and determined that the risk of Lake Mead reaching 1,020' by 2026 had increased to about 25 percent. Water users in the Lower Basin met with Reclamation to develop a

plan to reduce the risk of Lake Mead falling to 1,020' to about the same probability that was anticipated in 2007. Additionally, water users in California sought to address the issue of ICS operations in years of shortages on the Colorado River. The negotiations resulted in development of the proposed Lower Colorado River Basin Drought Contingency Plan. While the main components of the draft Plan have been tentatively proposed by the agency representatives, modifications continue to be made.

## **Details**

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In order to implement the proposed Plan, several agreements would be needed among the California agencies. Below is a summary of the proposed Plan and tentatively-proposed elements of intra-California agreements needed to implement the Plan.

### *Proposed Lower Basin Drought Contingency Plan*

- Each state would agree to water-use reductions at Lake Mead elevations as shown in [Attachment 1](#). A California implementing agreement would determine the share of reductions by each agency within California.
- A cumulative cap on delivery reductions is under discussion which, if reached during the term of the Plan, would trigger consultation among the parties to discuss what other actions would be necessary to prevent the further decline of Lake Mead.
- Water reductions would be accounted for as Drought Contingency Plan (DCP) storage amounts in Lake Mead.
- An agency could temporarily access DCP storage amounts but must return water to the DCP account within a year.
- Water reductions would be fully recoverable through 2057 if Lake Mead elevation increases to 1,110'.
- If Lake Mead reaches 1,075', water reductions would be fully recoverable if returned within 5 years, or if not returned within 5 years DCP storage amounts would be recoverable subject to a 20 percent system assessment.
- ICS could be recovered above Lake Mead elevation 1,025'.
- Interstate banking could occur above Lake Mead elevation 1,045'.
- Binational exchanges could occur above Lake Mead elevation 1,025'.

### *Tentatively-Proposed Elements for California Implementing Agreements*

- The Plan's delivery reductions would be allocated among the following California water agencies as follows:
 

	<u>(percent)</u>
• Palo Verde Irrigation District (PVID)	8
• Imperial Irrigation District (IID)	60
• Coachella Valley Water District (CVWD)	7
• Metropolitan	25
- Reductions could only be made by implementing extraordinary conservation activities (unused water is not eligible).
- PVID would agree to fallow land to meet its delivery reduction. Metropolitan would reimburse PVID for the reduction at the then-current fallowing rate. The delivery reduction would accrue to Metropolitan's DCP account and would potentially be recoverable by Metropolitan.
- CVWD would agree to reduce its call on the CVWD-MWD 35,000 acre-foot exchange agreement by the amount of the delivery reduction for that year.

- IID's Lake Mead ICS annual and accumulated ICS account limits would be increased. All IID conservation programs would be subject to approval by a verification committee.
- IID would agree to implement additional water conservation measures to meet its delivery reduction amount. Metropolitan would have the option to participate on an equal cost-share basis with IID in mutually agreed to conservation programs to assist in generating the conserved water, which would accumulate in IID's ICS account until it is needed to meet IID's delivery reduction, if any. Metropolitan would have temporary access to IID's ICS account. IID would be responsible for any environmental mitigation required to implement the conservation programs.

**Benefits to Metropolitan:** Implementation of the proposed Plan would significantly reduce the risk of Lake Mead reaching 1,020' within the next 10 years, which would significantly reduce the risk of potential water curtailments to California water agencies, including Metropolitan, and provide stability on the Colorado River to continue to implement water management programs to meet Metropolitan's needs. The Plan would also confirm that Metropolitan has the ability to store and take delivery of ICS, bank water from Nevada, and explore binational opportunities to augment its water supplies. These programs have provided significant benefit to Metropolitan during California's ongoing drought, and lay the framework for Metropolitan to meet its Board-adopted policy principle of filling the Colorado River Aqueduct in years needed to meet its service area's water demands.

## **Policy**

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By Minute Item 41222, dated January 10, 1995, the Board adopted a set of Colorado River Basin Management Policy Principles that include continuing to seek ways to increase the reliability of Metropolitan's Colorado River supplies and collaborate with the other Colorado River Basin states and the Department of the Interior on innovative strategies requiring interstate cooperation.

## **Fiscal Impact**

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None, as no action is being requested at this time

  
Deven N. Upadhyay  
Manager, Water Resource Management  
10/25/2016  
Date

  
Jeffrey Kightlinger  
General Manager  
10/26/2016  
Date

## **Attachment 1 – Proposed Lower Colorado River Basin Drought Contingency Plan – Water Reduction Amounts**

Ref# wrm12645468

Proposed Lower Colorado River Basin Drought Contingency Plan – Water Reduction Amounts

This table shows the delivery reductions that currently apply to Arizona and Nevada under the 2007 Interim Guidelines and the additional proposed contributions from Arizona, Nevada, and California under the Drought Contingency Plan, which would be in effect through December 31, 2025. Contributions under the Drought Contingency Plan would be fully recoverable when Lake Mead elevation reaches 1,110 feet, and would be accessible with some restrictions when Lake Mead reaches 1,075 feet.

Lake Mead Elevation (feet)	2007 Interim Guidelines Delivery Reductions from Normal Conditions (acre-feet)		Drought Contingency Plan Contributions (acre-feet)			Combined Volumes (acre-feet)			Lower Division States Total (acre-feet)
	Arizona	Nevada	Arizona	Nevada	California	Arizona	Nevada	California	
At or below 1,090	0	0	192,000	8,000	0	192,000	8,000	0	200,000
At or below 1,075	320,000	13,000	192,000	8,000	0	512,000	21,000	0	533,000
Below 1,050	400,000	17,000	192,000	8,000	0	592,000	25,000	0	617,000
At or below 1,045	400,000	17,000	240,000	10,000	200,000	640,000	27,000	200,000	867,000
At or below 1,040	400,000	17,000	240,000	10,000	250,000	640,000	27,000	250,000	917,000
At or below 1,035	400,000	17,000	240,000	10,000	300,000	640,000	27,000	300,000	967,000
At or below 1,030	400,000	17,000	240,000	10,000	350,000	640,000	27,000	350,000	1,017,000
Below 1,025	480,000	20,000	240,000	10,000	350,000	720,000	30,000	350,000	1,100,000



## **ISSUE BRIEF # D**

**SUBJECT: Bay Delta/State Water Project Issues**

### **RECENT ACTIVITY**

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#### **California WaterFix Petition Hearings**

In September and October, 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.

On October 7, 2016, the State Water Board hearing officers for the California WaterFix Project water right change petition hearing issued a ruling addressing written testimony outside the scope of Part 1 of the hearing and other procedural matters. The October 7th ruling is posted on the State Water Board's website at:

[http://www.waterboards.ca.gov/waterrights/water\\_issues/programs/bay\\_delta/california\\_waterfix](http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/california_waterfix)

The second segment, Part 1B, which began 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.

The Record of Decision (ROD), Notice of Determination (NOD), and Biological Opinion (Bio Op), are unlikely to be completed by the end of Calendar Year 2016. Part 2 of the hearings will commence only following the completion of the ROD/NOD and Bio Op. Part 2 is now scheduled to begin no sooner than Spring 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 & Bio Op, 2017 |

### **Delta Flood Emergency Management Plan**

The United States Army Corps of Engineers (USACE) indicated that their approach for deploying emergency contract services during flood emergencies of the type following a major earthquake in the Delta is to solicit contracts through verbal proposals with work start up within a day of the emergency event. USACE also maintains nationwide emergency contracts that can be further deployed in short timeframes. These processes are effective in deploying emergency services to proper locations and at adequate resource levels.

DWR calibration and validation of the Emergency Response Tool (ERT) for purposes of estimating real time repair and response to levee failure scenarios in the Delta has been delayed. After conducting representative ERT runs to validate times of repair and initiation of emergency freshwater pathway operations, the DWR Flood Emergency Management Office advises that the Delta Flood Emergency Management Plan will be able to be finalized by January 2017.

California Office of Emergency Services (Cal OES) reported that the draft Northern California Flood Catastrophic Response Plan will be released several months after a unified federal review. As part of this process, Cal OES performed a water security evaluation to confirm adequate water depths and channel geometry for transit of various types of emergency vessels.

## **ISSUE BRIEF # E**

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

### **RECENT ACTIVITY**

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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**

##### **(Nothing NEW to Report)**

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 State Lands Commission, the Santa Ana Regional Water Quality Control Board and then the California Coastal Commission on their permitting process, in that order. They believe it will take about a year to get through all of the permitting processes.

## **ISSUE BRIEF # F**

**SUBJECT: Orange County Reliability Projects**

### **RECENT ACTIVITY**

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#### **Central Pool Augmentation Program**

There are no updates to report.

#### **Orange County Water Reliability Study**

CDM-Smith and MWDOC staff are 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.
- Staff recently sent out the Technical Executive Summary for review and comments.
- Staff is drafting a very brief Elected Officials Briefing to share with the MWDOC P&O Committee in November and then it will be distributed more widely for input and suggestions.
- Staff and CDM-Smith will complete the publishing by the end of November.

## **ISSUE BRIEF # G**

**SUBJECT: East Orange County Feeder No. 2**

### **RECENT ACTIVITY**

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

**(Nothing NEW to Report)**

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**

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#### **Doheny Desal Project**

##### **(Nothing NEW to Report)**

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** – **(Updated)** 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 – South Coast and San Juan Capistrano responded in the affirmative. SMWD also developed and released an RFP to solicit proposals from engineering firms interested in providing technical support for the project. SMWD awarded a \$565,745 contract to AECOM for Pre-Design, Final Design and EIR Support Engineering services for Phase 1 of the San Juan Watershed Optimization Project.
- **Trampas Recycled Water Reservoir** – **(Updated)** 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.
  - SMWD has finished its review of the 90% design and is conferring with the designer (URS) to incorporate the comments. The design will continue to evolve until it is ready to for bidding by construction contractors in December.
  - The applications for regulatory permits from the Regional Board, Army Corps of Engineers, and Department of Fish and Wildlife were submitted during the week of July 11, 2016; the District plans to resubmit to the

regulatory agencies in October for approval. District planning is predicated on the ultimate delivery of permits not to extend beyond January 2017. If permits are not available in the desired timeframe, plans to begin construction in the spring of 2017 could be potentially delayed.

- The SRF grant and loan applications are still being processed; the environmental review has been completed and the majority of the contract terms are being finalized; the District has received proposals from four major construction management firms to provide services on this project and is currently conducting interviews.
- **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](mailto:kseckel@mwdoc.com)



**Summary Report for  
The Metropolitan Water District of Southern California  
Board Meeting  
October 11, 2016**

**INDUCTION OF BOARD MEMBER**

Elsa Saxod was inducted to the Board representing the San Diego County Water Authority.  
(Agenda Item 5C)

**COMMITTEE ASSIGNMENTS**

None (Agenda Item 5D)

**ENGINEERING AND OPERATIONS COMMITTEE**

Appropriated \$7.9 million; authorized preliminary investigations to rehabilitate the 45 main pumps at Metropolitan's five Colorado River Aqueduct pumping plants; authorized design to rehabilitate a single main pump at Gene Pumping Plant; and authorized agreement with Northwest Hydraulic Consultants, Inc., in an amount not to exceed \$300,000, for hydraulic modeling. (Approp. 15481) (Agenda Item 8-1)

**COMMUNICATIONS AND LEGISLATION COMMITTEE**

As amended, adopted the Legislative Policy Principle on Watershed Management. (Agenda Item 8-2)

**LEGAL AND CLAIMS COMMITTEE**

Appropriated \$2.5 million; and authorized: 1) agreements with the city of Monterey Park and private property owners for drainage and erosion control improvements offsite of Garvey Reservoir; and 2) construction of similar improvements onsite at Garvey Reservoir. (Approp. 15480)  
(Agenda Item 8-4)

**CONSENT CALENDAR**

In other action, the Board:

Adopted resolution consenting to Annexation No. 100 concurrently to Calleguas Municipal Water District and Metropolitan and fixing Metropolitan's terms and conditions for the annexation as noted in the Board letter, conditioned upon approval by Ventura County's Local Agency Formation Commission, and upon receipt of annexation fee of \$41,920.50. (Agenda Item 7-1)

Appropriated \$1.1 million; and authorized increase in change order authority for the Weymouth filter rehabilitation construction contract, up to an aggregate amount not to exceed \$2,688,146. (Approp. 15477) (**Agenda Item 7-2**)

Appropriated \$1.6 million; authorized preliminary investigations and preparation of environmental documentation to enable dewatering of the Foothill Feeder; and authorized agreement with Dudek in an amount not to exceed \$750,000. (Approp. 15480) (**Agenda Item 7-3**)

Authorized agreements with CDM Smith and CH2M in an amount not to exceed \$2 million per year each for a maximum period of five years; and authorized agreements with Brown and Caldwell, Carollo Engineers, and Parsons Environment & Infrastructure in an amount not to exceed \$1 million per year each for a maximum period of five years. (**Agenda Item 7-4**)

Appropriated \$180,000; and authorized design of chemical containment upgrades at the Henry J. Mills Water Treatment Plant. (Approp. 15452) (**Agenda Item 7-5**)

Authorized the General Manager to grant a 48-square-foot permanent easement to Southern California Edison for power lines on Metropolitan-owned property near Lake Mathews in Riverside County. (**Agenda Item 7-6**)

#### **OTHER MATTERS:**

In other action, the Board:

By acclamation, elected Chairman Randy Record to a two-year term as Board Chairman effective January 1, 2017.

The following matter was WITHDRAWN -- Approval of Metropolitan Water District's Salary Schedule pursuant to CalPERS regulations. (**Agenda Item 8-3**)

#### **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

**November 8, 2016**

**12:00 p.m. -- Board Room**

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**MWD Headquarters Building**

**700 N. Alameda Street**

**Los Angeles, CA 90012**

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**1. Call to Order**

- (a) Invocation: Robert Lowney, Instrument & Control Technician III, Water Treatment Section, Water System Operations
- (b) Pledge of Allegiance: Director Elsa Saxod

**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 October 11, 2016. (A copy has been mailed to each Director) Any additions, corrections, or omissions
- B. Report on Directors' events attended at Metropolitan expense for month of October
- C. Approve committee assignments
- D. Chairman's Monthly Activity Report
- E. Nomination and Election for Board Secretary 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 October
- B. General Counsel's summary of Legal Department activities for the month of October
- C. General Auditor's summary of activities for the month of October
- D. Ethics Officer's summary of activities for the month of October

**7. CONSENT CALENDAR ITEMS — ACTION**

- 7-2 Adopt CEQA determination and authorize entering into a Local Resources Program agreement with Los Angeles Department of Water and Power for the North Hollywood Area Water Recycling Project. (WP&S)

7-2 Board Letter and Attachments

- 7-3 Adopt CEQA determination and authorize entering into a Local Resources Program agreement with Los Angeles Department of Water and Power for the Sepulveda Basin Sports Complex Water Recycling Project. (WP&S)

7-3 Board Letter and Attachments

- 7-4 Adopt CEQA determination and authorize entering into a Local Resources Program agreement with Eastern Municipal Water District for Perris II Brackish Groundwater Desalter. (WP&S)

7-4 Board Letter and Attachments

- 7-5 Adopt CEQA determination and authorize entering into a Local Resources Program agreement with the City of Torrance and the Water Replenishment District of Southern California for the Groundwater Reliability Improvement Program Recycled Water Project. (WP&S)

7-5 Board Letter and Attachments

- 7-6 Adopt CEQA determination and authorize entering into a Water Savings Incentive Plan Agreement with Tri-Star Dyeing and Finishing Inc. (WP&S)

7-6 Board Letter

- 7-7 Adopt CEQA determination and approve Agreement for Temporary Emergency Delivery of a Portion of the Mexican Treaty Waters of the Colorado River to the International Boundary in the vicinity of Tijuana, Baja California, Mexico, and for Operation of Facilities in the United States. (WP&S)

7-7 Board Letter and Attachments

(END OF CONSENT CALENDAR)

**8. OTHER BOARD ITEMS — ACTION**

- 8-1 Adopt CEQA determination and adopt resolution designating authorized agents to accept federal and state funding for declared disasters and to sign official correspondence for disaster assistance. (E&O)

8-1 Board Letter and Attachment

- 8-2 Adopt CEQA determination and appropriate \$13.8 million; and award \$9,595,000 contract to McMillen LLC (dba McMillen Jacobs Associates) for seismic upgrades to the 6.9 kV switch houses at the Colorado River Aqueduct pumping plants (Approp. 15438). (E&O)

8-2 Board Letter and Attachments

- 8-3 Adopt CEQA determination and appropriate \$7.8 million; and award \$4.58 million contract to Spiniello Companies for Stage 2 lining repairs on the Orange County Feeder (Approp. 15377). (E&O)

8-3 Board Letter and Attachments

- 8-4 Adopt CEQA determination and appropriate \$8.1 million; and award \$4,426,000 contract to Woodcliff Corporation for seismic upgrades to the Administration Building at the Robert B. Diemer Water Treatment Plant (Approp. 15436). (E&O)

8-4 Board Letter and Attachments

- 8-5 Adopt CEQA determination and authorize an amendment to the agreement with the Southern California Public Power Authority for the sale of renewable power from four hydroelectric power plants. (E&O)

8-5 Board Letter

- 8-6 Adopt CEQA determination and authorize an amendment to an existing office lease in Sacramento between SFI 1121L Street, LLC and Metropolitan to expand the space by 768 rentable square feet and extend the term for ten years. (RP&AM) [Conference with real property negotiators; Commercial office space located at 1121 L Street, Sacramento, California; agency negotiators: Metropolitan and SFI 1121 L Street, LLC; under negotiation: price and terms; to be heard in closed session pursuant to Gov. Code Section 54956.8]

- 8-7 Adopt CEQA determination and appropriate \$2.16 million; award \$1.571 million procurement contract to OPT Tech Corp. for EMC Corp. data storage equipment; and authorize a storage system upgrade for Metropolitan's datacenter (Approp. 15487). (OP&T)

8-7 Board Letter and Attachment

- 8-8 Adopt CEQA determination and approve Metropolitan Water District of Southern California's Salary Schedule Pursuant to CalPERS Regulations. (OP&T)

8-8 Board Letter and Attachment

- 8-9 Adopt CEQA determination, appropriate \$1.54 million and authorize implementation of Information Technology Cyber Security Upgrades (Approp. 15378). (OP&T) [Any discussions of threats to public services or facilities to be heard in closed session pursuant to Gov. Code Section 54957(a). Consultation with Metropolitan's security operations manager]

**9. BOARD INFORMATION ITEMS**

- 9-1 Overview of proposed Lower Colorado River Basin Drought Contingency Plan. (WP&S)

9-1 Board Letter and Attachment

- 9-2 Compliance with Fund Requirements and Bond Indenture Provisions. (F&I)

9-2 Board Letter

**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.



**PRESENTATION ITEM**

November 2, 2016

**TO:** Board of Directors

**FROM:** Wayne Osborne, President

**SUBJECT: RECOGNITION OF DIRECTOR SUSAN HINMAN FOR HER SERVICE ON THE MWDOC BOARD (ON THE OCCASION OF HER RETIREMENT)**

**RECOMMENDATION**

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After serving 16 years on the MWDOC Board, Director Susan Hinman decided to not seek re-election. As a result, time has been reserved to allow commendations and/or presentations to Director Hinman, from both the District and member agencies, to recognize her for her service.

Ms. Hinman has had a distinguished career in the public sector and has tirelessly served her constituents. We thank Director Hinman for her service.

<b>Budgeted (Y/N):</b>	<b>Budgeted amount:</b>	<b>Core ____</b>	<b>Choice ____</b>
<b>Action item amount:</b>		<b>Line item:</b>	
<b>Fiscal Impact (explain if unbudgeted):</b>			