

WORKSHOP MEETING OF THE  
BOARD OF DIRECTORS WITH MET DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Board Room, Fountain Valley, California  
August 3, 2016, 8:30 a.m.

Teleconference Site:  
20989 Park Lane  
Rollins, MT 59931  
(406) 844-2282

Members of the Public may attend and participate in the meeting at both locations.

## **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. 2035)**

### **ACTION ITEM**

- 1. AB 2909 (LEVINE) – WATER TRANSFER OR EXCHANGE, EXPEDITED REVIEW (SUPPORT IF AMENDED)**

*Recommendation:*

### **PRESENTATION/DISCUSSION/INFORMATION ITEMS**

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

*Recommendation: Receive input and discuss the information.*

**3. ORANGE COUNTY'S WATER SUPPLY AND PERFORMANCE REPORT FOR MAY 2016**

*Recommendation: Review and discuss the information presented.*

**4. PRESENTATION BY SUE SIMS (METROPOLITAN) REGARDING MET'S UPCOMING WATER CONSERVATION ADVERTISING AND OUTREACH PROGRAM (Approximate Presentation Time: 20 minutes)**

*Recommendation: Review and discuss the information presented.*

**5. 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.*

**6. METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS**

- a. Summary regarding July 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.





**ACTION ITEM**

August 3, 2016

**TO:** Board of Directors

**FROM:** Robert Hunter  
General Manager

Staff Contact: Heather Baez

**SUBJECT: AB 2909 (Levine) – Water Transfer or Exchange, Expedited Review**

**STAFF RECOMMENDATION**

Staff recommends the Board of Directors adopt a support position on AB 2909 (Levine).

**COMMITTEE RECOMMENDATION**

Committee recommends (To be determined by committee)

**BACKGROUND**

At the July 18 Public Affairs & Legislation Committee meeting, the Committee directed staff to return AB 2909 to the Board once the expected amendments were in print – either to the Workshop Meeting of the Board of Directors with MET Directors or the Public Affairs & Legislation Committee – depending on how quickly the bill is amended.

AB 2909 would require the Department of Water Resources (DWR) to develop a 30-day expedited review process for reoccurring water transfers. “Reoccurring water transfers” are defined in the bill to mean transfers of one year or less in duration and substantially similar to a transfer approved by DWR within the previous 4 years.

**ARGUMENTS IN SUPPORT**

According to the author’s office, “Water transfers make up only 3% of all water use in California. Clearly we can do better. It is important that we remove as many barriers to transfers as possible. This bill is a simple step to ensure that where substantially similar transfers have been completed before they do not have to go back to square one for

<b>Budgeted (Y/N):</b> n/a	Budgeted amount: none	Core x	Choice __
<b>Fiscal Impact (explain if unbudgeted):</b>			

approval. This will allow for improved efficiency in completing transfers as we move forward and will help us more efficiently distribute water."

## ARGUMENTS IN OPPOSITION

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While there is no official opposition on file, staff has recently learned that the DWR has concerns about the 30-day expedited review process and will likely urge a veto should the measure pass the Legislature. In addition, the State Water Resources Control Board is concerned about shortening the public comment period. It would eliminate their ability to go beyond the 30-day comment period even when both parties agree to the extension. This measure would require them to make their decision on or before day-30 which may hinder their ability to analyze comments received or resolve potential impacts.

## REPORT

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AB 2909 is the successor to AB 2304 by the same author. AB 2304 included provisions to create a water transfer market exchange and an Internet database for information related to water transfers. That bill drew significant opposition. AB 2909 was originally a bill related to parks and wildlife, but was amended in late June to address expedited water transfers and to create a water transfer task force. The purpose for the gut-and-amend was to remove opposition arguments against AB 2304 from agricultural interests within ACWA.

The first version of AB 2909, which never appeared in print but was circulated within the water lobbying community in Sacramento, included a water market task force, and expedited review for reoccurring water transfers and transfers intended to provide environmental benefits. The task force provisions were deleted at the request of ACWA, and the provisions relating to environmental transfers were also deleted, ironically, at the request of environmental interests. The author also took technical amendments from various organizations including MET.

Based on these amendments, MWDOC staff recommends a support position as it is a step in the right direction for improving water transfers within the state.

The expected text of AB 2909 with amendments is attached. The full text as amended by the author will be circulated at the meeting ***if in print***, otherwise this item will be reviewed again at the Public Affairs & Legislation Committee meeting on August 8, 2016.

## AB 2909 (Levine) Proposed Amendments

### SECTION 1.

Section 1733 is added to the Water Code, to read:

1733. (a) For the purposes of this section, ÷

(1) “~~Environmentally beneficial transfer~~” means a transfer that does not negatively impact an ecosystem’s health or local drinking water supply in the source area and includes any of the following:

(A) ~~A transfer between water users that is designed to benefit the environment.~~

(B) ~~A transfer that protects habitat and sensitive wildlife or enhances managed wetland supply, wildlife refuges, ecosystems, and instream flow.~~

(C) ~~A transfer that benefits local drinking water supplies by reducing local groundwater overdraft or improving water quality.~~

(D) ~~A transfer that contributes to the implementation of the Sustainable Groundwater Management Act (Part 2.74 (commencing with Section 10720) of Division 6).~~

“~~Re~~reoccurring water transfer” means a transfer of one year or less that is substantially similar in volume, time of year, and hydrologic conditions to a transfer previously approved by the department or the board in the past 48 months.

(b) The board shall develop and implement an expedited ~~30-day~~ review process **of up to 30 days** for approval of petitions to temporarily change the point of diversion, place of use, or purpose of use due to a transfer or exchange of water or water rights if the transfer is for a reoccurring water transfer or an environmentally beneficial transfer. **This up to 30-day review period will be concurrent for all approvals. Nothing in this section shall limit the public comment period required in subdivision (f) of Section 1726.**

(c) The department shall develop **and implement an expedited review process of up to 30 days** a ~~30-day~~ review process for reoccurring water transfers **and exchanges** between contractors for State Water Project water and for reoccurring water transfers that utilize facilities of the State Water Project. **This up to 30-day review period will be concurrent for all approvals.**

(d) Transfers under this section shall not alter the priority for use of conveyance facilities.

(e) This section applies in addition to any other law relating to water transfers or exchanges.

(f) This section shall remain in effect only until January 1, 2022, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2022, deletes or extends that date.





**DISCUSSION ITEM**

August 3, 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 MAY 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 updated on state and local water supply conditions. In addition, is a Orange County cumulative water saving report.

For the month of May 2016, Orange County saved 22.31% (compare to historical average of May 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.



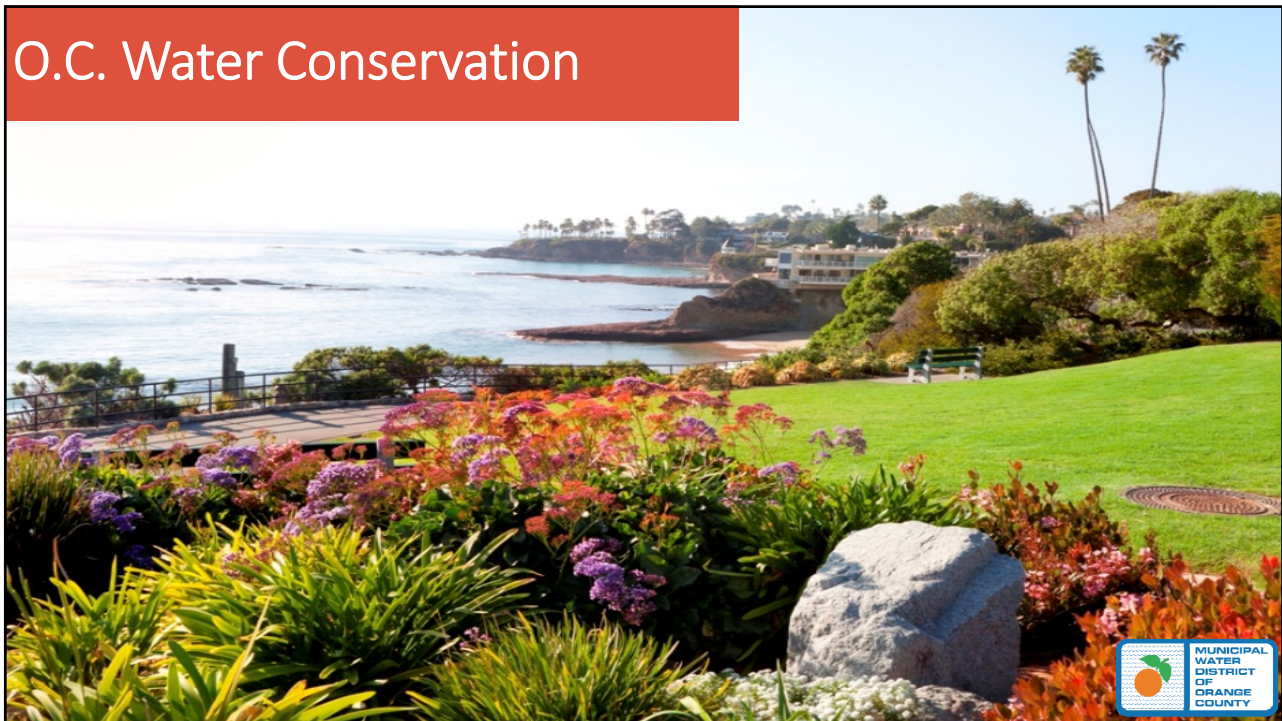


# Orange County Drought Performance & Water Supply Report

August 3, 2016

Municipal Water District of Orange County

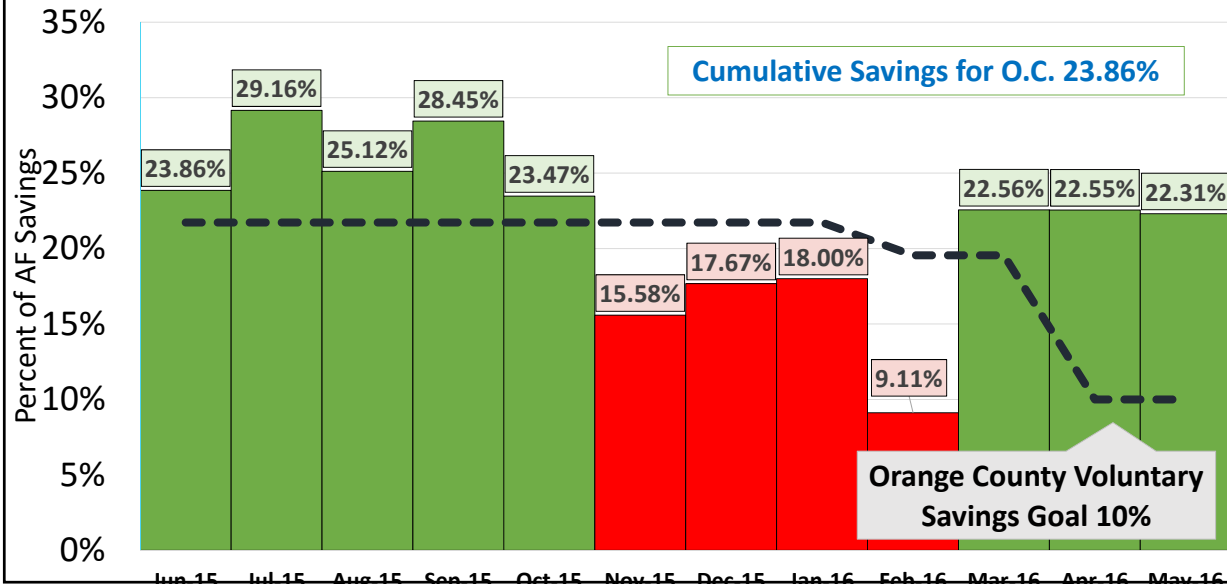
## O.C. Water Conservation



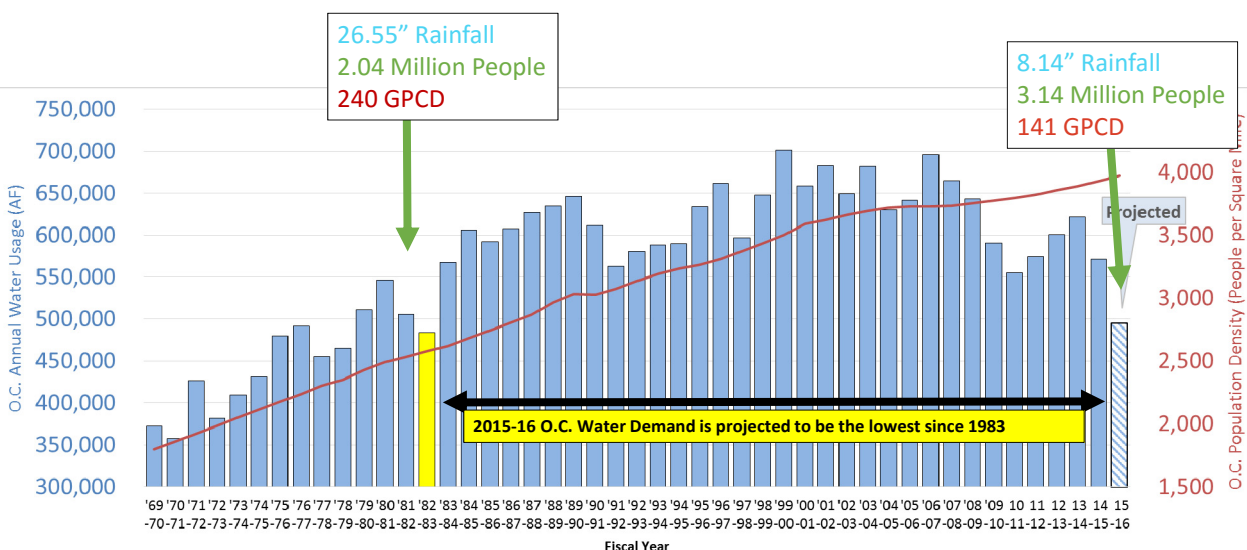
## O.C. Water Savings Reported to SWRCB



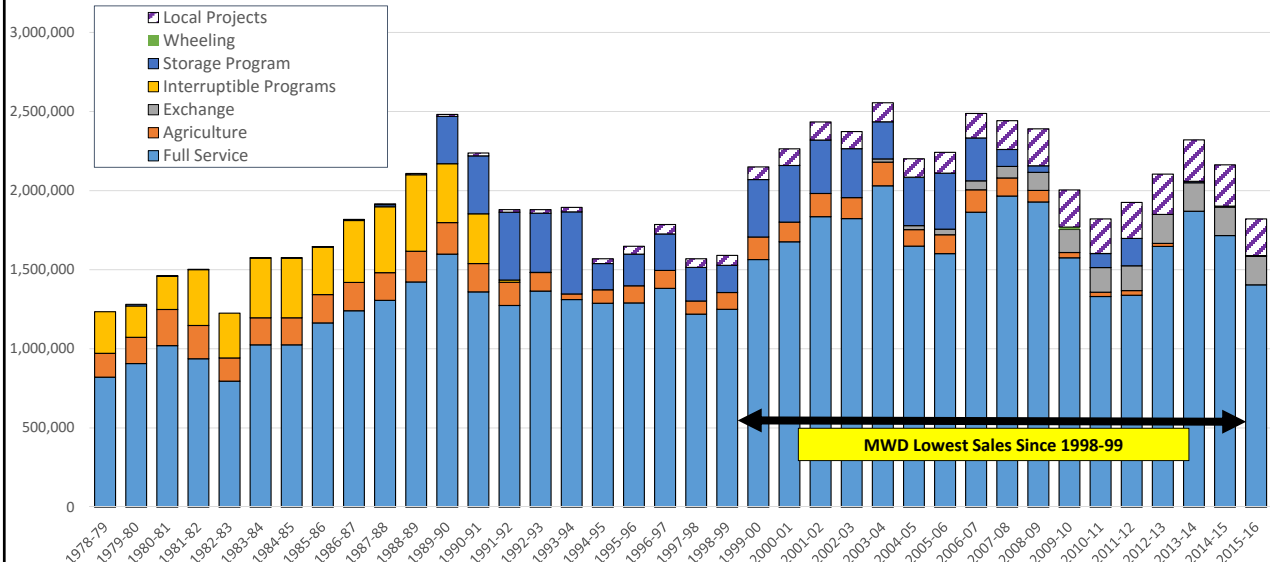
### Average Monthly Water Savings for Orange County (2014-15 Vs CY 2013)



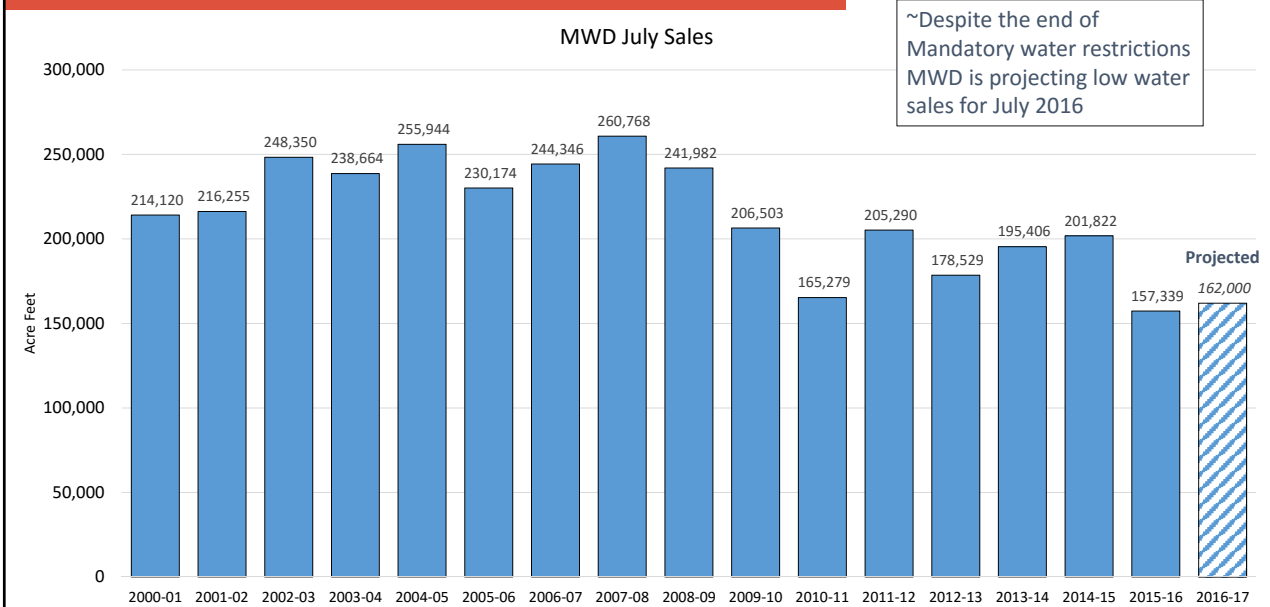
## O.C. Historical Water Usage



## MWD Historical Sales

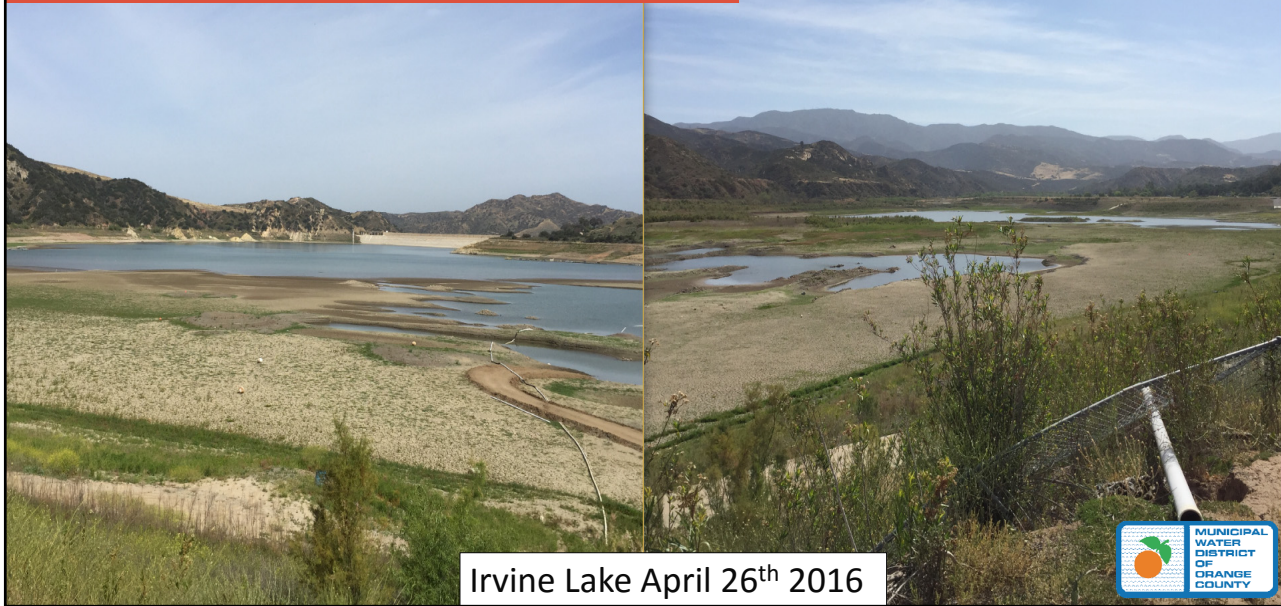


## Histroical July MWD Sales





## Local Weather Conditions



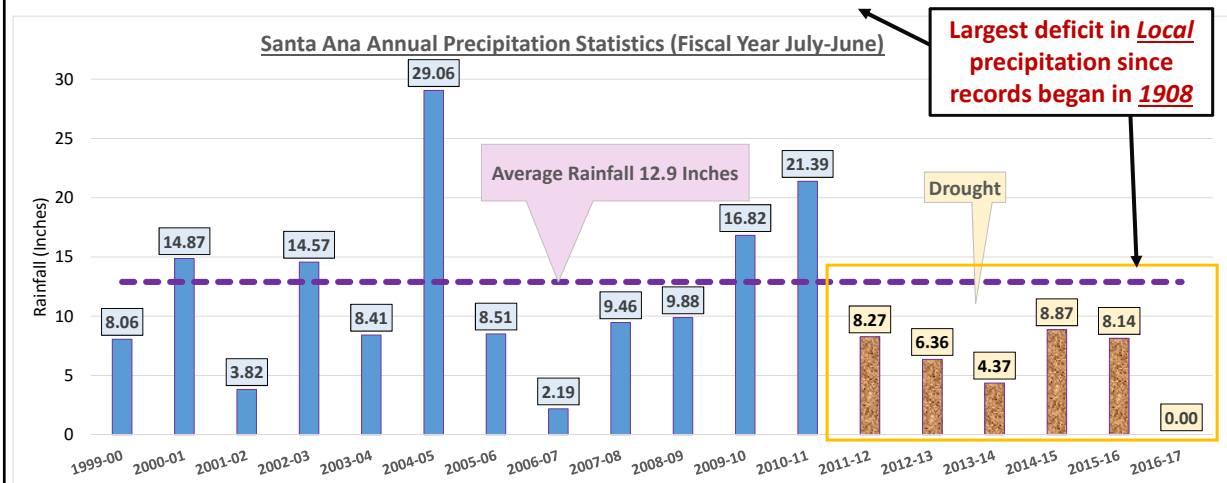
## FY Annual Precipitation (Santa Ana)



### Cumulative Year-to-Date

Average Rainfall to Date: **0.01"**

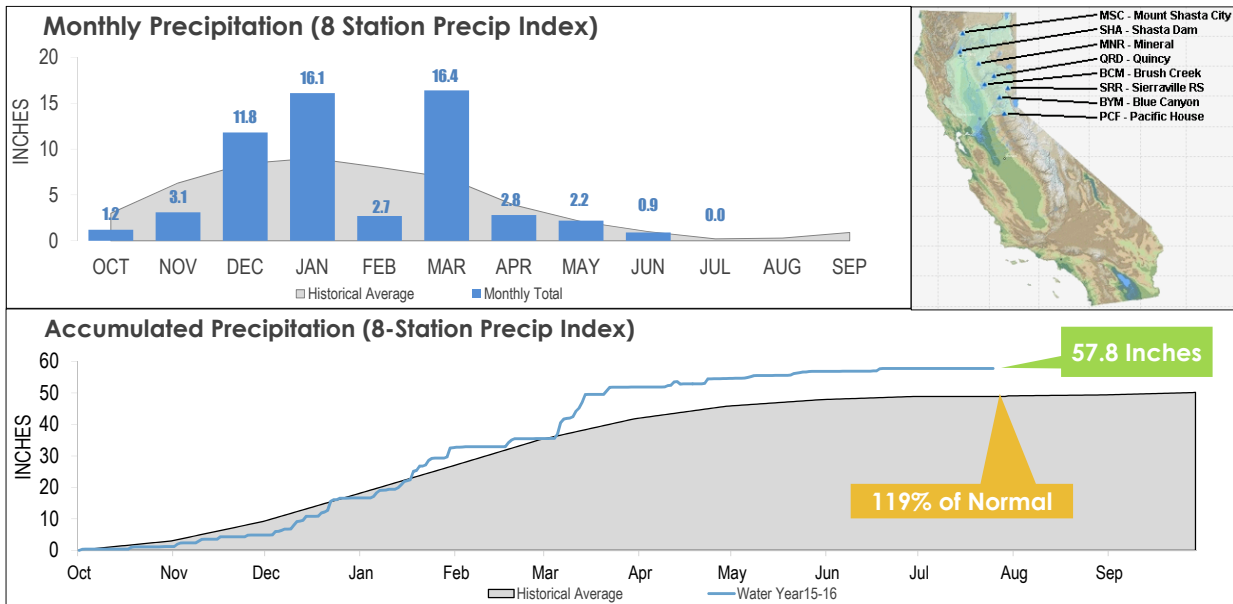
2016-17 Rainfall to Date: **0.00"** **5-Year Deficit: 28.47" (2011-12 to Present)**



## Regional Weather and Water Supply Conditions



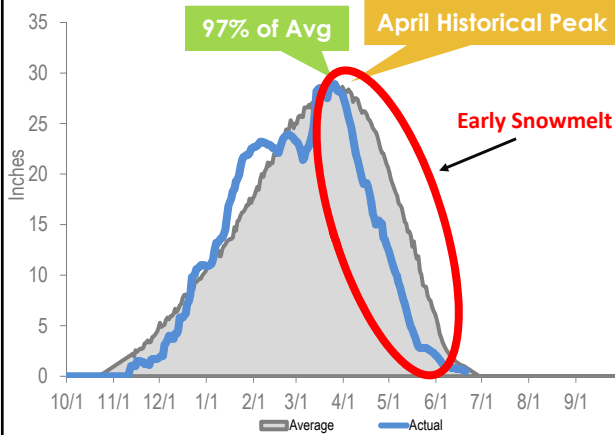
## Northern California Accumulated Precipitation



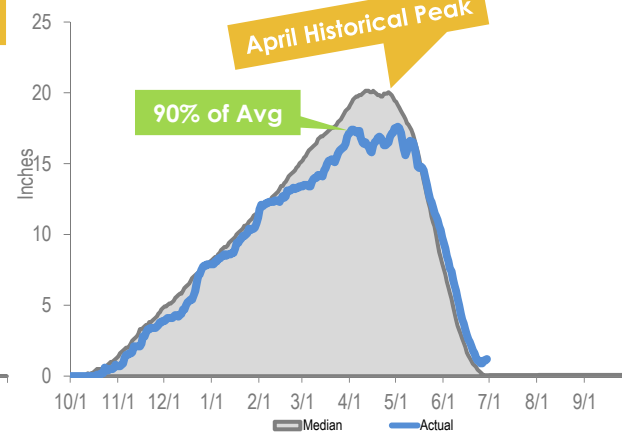
# Snowpack



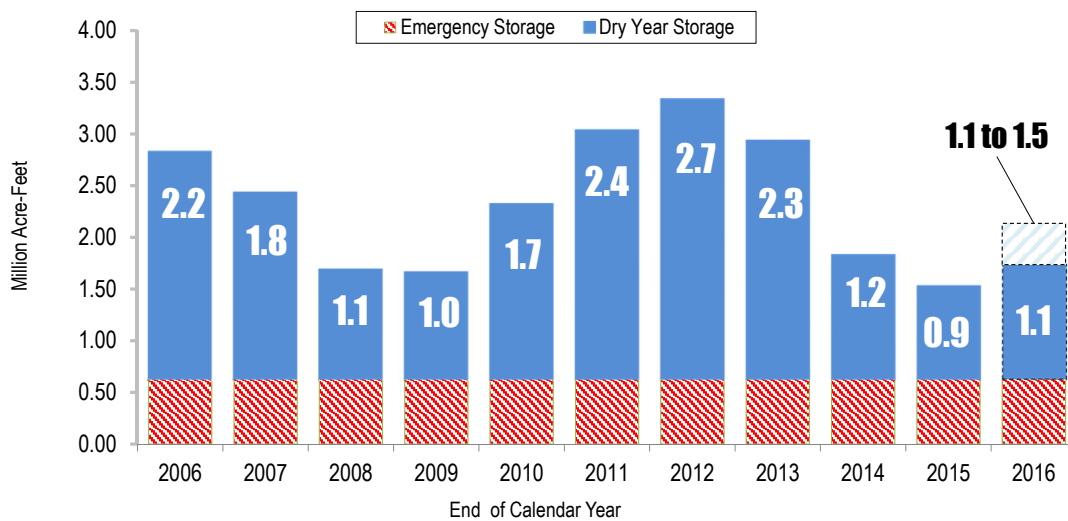
**Northern Sierra Snowpack Water Equivalent**



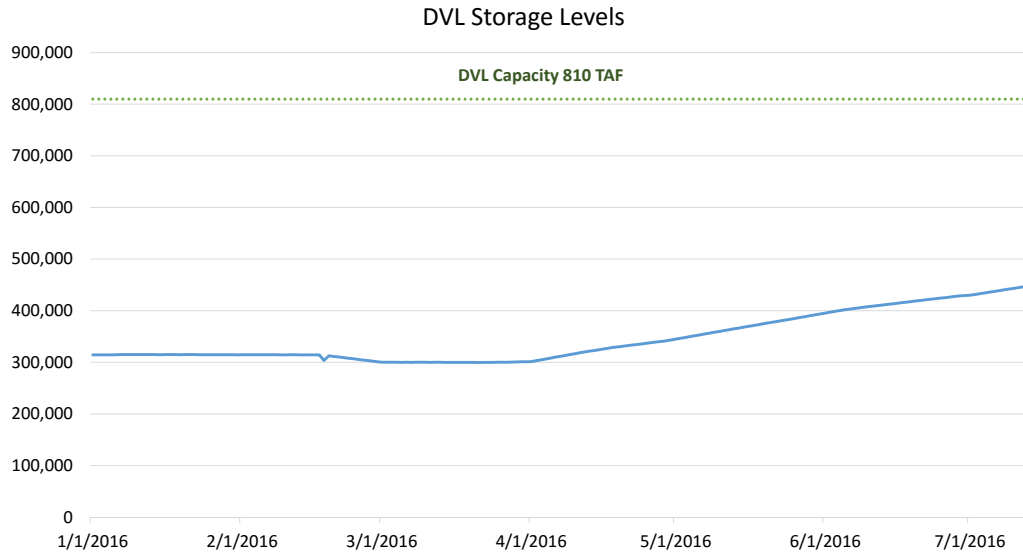
**Colorado River Basin Snowpack Water Equivalent**



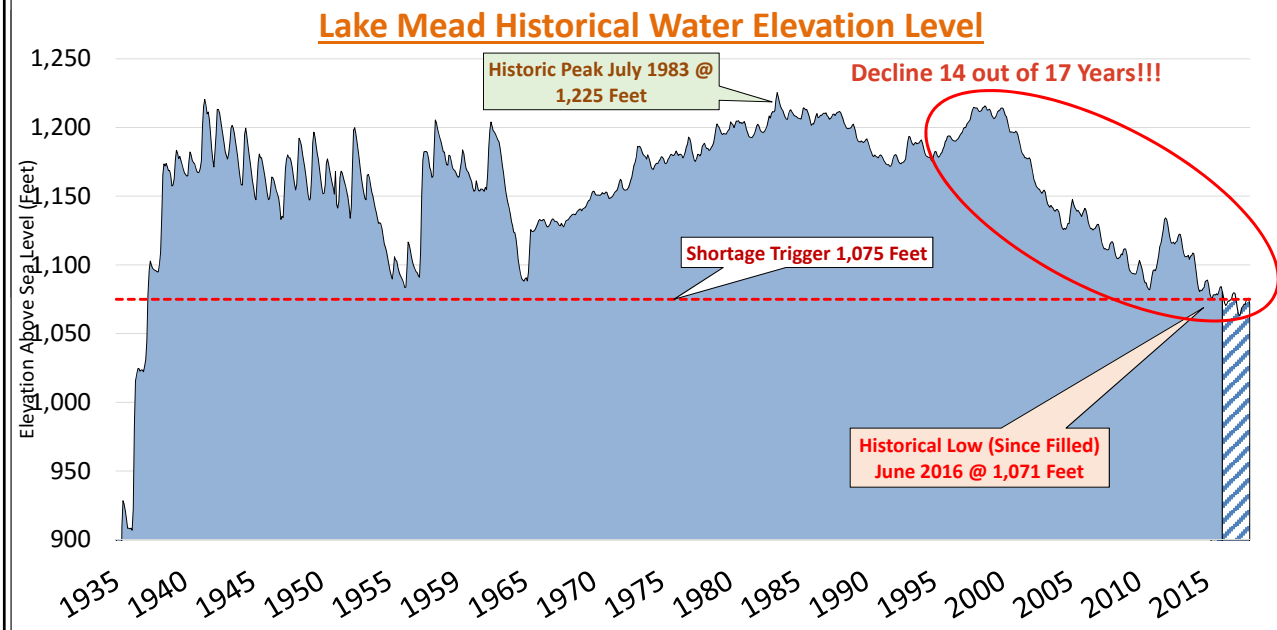
## MWD Projected End of Year Storage



## DVL Storage



## CRA Storage













**DISCUSSION ITEM**

August 3, 2016

**TO: Board of Directors**

**FROM: Robert Hunter,  
General Manager**

Staff Contact: Harvey De La Torre  
Melissa Baum-Haley

**SUBJECT: PRESENTATION BY SUE SIMS (METROPOLITAN) REGARDING MET'S  
UPCOMING WATER CONSERVATION ADVERTISING AND OUTREACH  
PROGRAM FOR FISCAL YEAR 2016-17**

**STAFF RECOMMENDATION**

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Staff recommends the Board of Directors to review and discuss Metropolitan's Upcoming Water Conservation Advertising and Outreach Program for Fiscal Year (FY) 2016-2017.

**REPORT**

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This year's Metropolitan Water District of Southern California's (Metropolitan) Water Conservation Advertising and Outreach Program will focus on promoting Southern Californians to embrace long-term conservation and encourage a water awareness ethic as we enter into a fifth year of below average precipitation in Southern California. MWDOC will have Metropolitan Group Manager of External Affairs Sue Sims provide a presentation to our Board describing Metropolitan's new campaign and the various partnership MET has recently established in promoting this message.

**H2Love Campaign**

The "*H2Love*" campaign, which builds on Metropolitan's award-winning education and outreach programs, will inspire Californians to make a lifelong commitment to saving water at home, at work and in their communities. The simple message of the new campaign is: "*Love water. Save water.*"

As of July 12, 2016, Metropolitan started running print, online and radio "*H2Love*" ads across the Southland. The campaign will reach diverse audiences, running in 53 community

Budgeted (Y/N): N	Budgeted amount: N/A	Core _X_	Choice __
Action item amount: none	Line item:		
Fiscal Impact (explain if unbudgeted):			

newspapers in five languages (English, Spanish, Chinese, Korean, and Vietnamese) and on more than 75 radio stations. The ads offer water-saving tips and refer audiences to Metropolitan's conservation website: [bewaterwise.com](http://bewaterwise.com).

In addition, the campaign renews the popular Pandora partnership that provides water-themed songs of less than five minutes as a reminder to take shorter showers. Uforia, a Spanish-language music streaming service also is taking part in the campaign.



To spread the “H2Love” conservation message further, Metropolitan is using the hashtags #H2Love and #H2♥ on social media platforms to share personal stories of individuals who have taken water conservation to heart. These stories will celebrate everyday water-saving heroes at home, in their gardens, at school and in the community.

### **H2Love & LA Galaxy**

The “H2Love” summer advertising campaign is collaborating with the Los Angeles Galaxy Major League Soccer Team. New public service announcements (PSA) spots featuring Los Angeles Galaxy Goalkeeper Brian Rowe were unveiled July 15, 2016 on digital platforms at the StubHub Center during the LA Galaxy game. These PSAs had Rowe sharing what he does to conserve water and suggesting other water-saving tips. They are part of the collaboration with Metropolitan's “H2Love” outreach campaign to encourage fans and residents to promote water conservation.

They are expected to be featured at the following four upcoming LA Galaxy home games this summer: Aug. 7 vs. the New York Red Bulls, Aug. 13 vs. the Colorado Rapids, Sept. 11 vs. Orlando City and Sept. 25 vs. the Seattle Sounders.



Metropolitan's campaign also will use digital and social media. “H2Love” geofilters will be available to Snapchat users, so fans can share their love for the team and water conservation on the fastest-growing social network among millennials. In addition, Metropolitan is an official sponsor of the LA Galaxy's “Protect the Pitch” program, which is a club-wide environmental sustainability initiative that focuses on reducing the environmental impact of LA Galaxy games and practices at StubHub Center as well as supporting local environmental projects.

**H2Baseball**

The “*H2Baseball*” summer advertising campaign was placed in the Major League Baseball All-Star Game Program. This event was held at Petco Park in San Diego on July 12, 2016. This advertisement will also be placed in upcoming yearbook for the Los Angeles Angels of Anaheim.



Conservation.  
Another great  
American pastime.

**Increased Language Outreach**

As part of its ongoing efforts to make water conservation a permanent way of life for all Southern Californians, Metropolitan has launched its water-saving website, [bewaterwise.com](http://bewaterwise.com), in traditional Chinese, as well as English and Spanish. Chinese-language readers can now visit the website for water-saving ideas, to gain access to rebates for water-efficient devices and to find information on other conservation programs and grants.





## Item No. 5

### DISCUSSION ITEM

August 3, 2016

**TO:** Board of Directors & MET Directors

**FROM:** Robert J. Hunter  
General Manager

Staff Contact: Harvey De La Torre

**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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Below are key summary points of the water supply conditions for FY 2015-2016:

- Conditions are normal to slightly above normal in Northern California as a result of above average precipitation that has increased reservoirs levels.
- Unfortunately, Water Supply conditions in Southern California are below normal for the **5<sup>th</sup>** straight year.
- 2016 State Water Project "Table A" Allocation is at **60%**, which is about **1.2 Million Acre-Feet (MAF)** of water to MET. Improvements in northern California reservoir storage levels will likely improve the initial SWP "Table A" allocation for 2017.
- MET water demands for FY2015-16 are expected to total less than 1.6 MAF. This is the lowest deliveries since FY1998-99.
- MET is projecting supplies of **2.1 MAF** for the year resulting in approximately **0.5 MAF** being put into storage.
- Lake Mead levels continue to be in decline and there is a possibility of a shortage declaration in CY 2018.
- **The entire state of California is still in a drought** and these conditions will likely continue until next winter

## **ISSUE BRIEF # B**

**SUBJECT: MET's Finance and Rate Issues**

### **RECENT ACTIVITY**

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#### **MET Financial Report**

At the July MET Finance and Insurance Committee, MET staff presented their annual financial review for FY2015-16. Water sales for the year totaled 1.59 MAF, 155 TAF less than budget or 9% and 229 TAF under the five year average of 1.82 MAF.

The lower than expected water sales and lower power sales were the key contributors to total revenue coming in at \$153 million lower than budget estimates of \$1.657 Billion. While year ending expenses are also expected to come in under budget by \$314 million. This is mainly due to lower than expected Demand Management expenditures of \$101 million, Departmental O&M expenditures of \$39 million and Repair & Replacement (R&R) of \$204 million. However, it should be noted that R&R expenditures did not come in under budget due to less program costs but rather in the shift from PAYGo to capital financing. State Water Project expenditures came in close to budget at \$521 million (\$6 million above), MET's largest expenditure.



## **ISSUE BRIEF # C**

**SUBJECT: Colorado River Issues**

### **RECENT ACTIVITY**

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#### **Colorado River Drought Contingency Discussions Continue**

California Colorado River contractors - Metropolitan, Coachella Valley Water District, Imperial Irrigation District, and Palo Verde Irrigation District continued discussions in trying to reach consensus on a Colorado River Drought Contingency Plan. Additionally, the Colorado River Board of California and the U.S. Bureau of Reclamation are helping to facilitate these inter-agency discussions.

The discussions have included how contractors within California would share any reductions in California if Lake Mead were to continue to decline to critically low levels. The discussions also included how to provide sufficient flexibility to help California contractors efficiently use their Colorado River water supplies for the full range of Lake Mead operating conditions. If a consensus is ultimately reached, each agency's respective boards would consider the draft agreement, which would significantly reduce the likelihood of Lake Mead falling below the elevation of 1,025 feet – an elevation of critical concern – during the ten-year term of the agreement.

#### **Salinity Control Program to Consider Water Conservation Savings**

At its June meeting in Colorado, the Colorado River Salinity Control Forum agreed that both salinity reduction and water conservation benefits be considered when evaluating funding for future Salinity Control Program projects. Under the existing program, projects compete for funding, and generally the projects that remove the most salt per dollar spent are awarded funding from the program. Starting next year, the amount of water conserved by a program will be considered along with the salinity benefit when determining which programs to fund. The Salinity Control Program, which is jointly funded by the federal government and agencies within the Colorado River Basin states, has been successful in maintaining a steady salinity level in the Colorado River despite long-term drought conditions, which reduces the amount of water to dilute salt levels in the River. With Lake Mead reaching an all-time low level this year, the Forum determined that both the quality and the quantity of water in the Colorado River are important to protect.

The October 2016 meeting of the Colorado River Salinity Control Forum will include an event celebrating the 20-year anniversary of the Bureau of Reclamation's (Reclamation) Paradox Valley Brine Disposal Project (Project). For the last two decades, the Project has been capturing high-saline groundwater in excess of 250,000 parts per million of salt (more than seven times saltier than ocean water) and injecting the brine 3 miles

below the surface. The Project captures 110,000 tons of salt that would otherwise enter the Colorado River each year. The Project is nearing the end of its useful life, and Reclamation and the Colorado River Salinity Control Forum are evaluating options to continue to prevent the brine from reaching the Colorado River in the future, which include building a replacement well or constructing evaporation ponds. California's representatives of the Colorado River Salinity Control Forum are the Colorado River Board's Tanya Trujillo, the State Water Resources Control Board's Tom Howard, and Metropolitan's Bill Hasencamp.

### **State of California Budgets \$80.5 million for the Salton Sea**

In late June, Governor Brown signed the state budget, which included \$80.5 million for the Salton Sea, which is planned to fund the design and environmental documentation for the first phase of the state's Salton Sea Management Plan. The money will also fund construction of wetland areas around the edges of the Salton Sea, which would provide habitat for targeted species and dust control. The Resources Agency, which is responsible for developing a restoration plan for the Salton Sea, has estimated that full implementation of the Salton Sea Management Plan would cost an estimated \$1.5 to \$2.5 billion.

On June 24, following an April 25, 2016 oversight Hearing on the Salton Sea, the Little Hoover Commission sent a letter to Governor Brown urging the state to address the problems facing the Salton Sea before it becomes a major health crisis. The commission noted recent progress by the state to take a greater role in addressing Salton Sea challenges, but stated that much more needs to be done expeditiously. The letter offered some recommendations, including making the Salton Sea a top priority, ensuring adequate resources to get the job done, closely tracking project implementation, assessing Salton Sea management costs, and developing a funding strategy.

## **ISSUE BRIEF # D**

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

### **RECENT ACTIVITY**

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#### **State Water Resources Control Board (SWRCB)**

On July 26, the State Water Resources Control Board (SWRCB) started the public hearing process on the request to change the diversion of water to the three new intakes north of the Delta as proposed by the California WaterFix. Testimony included the Department of Water Resources (DWR) and U.S. Bureau of Reclamation (USBR), Metropolitan, water agencies, biologists, water quality experts and others.

Specifically, during part one of the public hearing SWRCB will determine if the project would change water quality and flow in a way that would negatively affect other legal water right users. The SWRCB, as the overseer of water rights in California, has the critical responsibility to ensure that all of California's dams and diversion structures are operated to avoid injury to other legal users of water and protect fish and wildlife.

Over the next several months experts will present hundreds of pages of evidence showing the project's impact to legal users of water in the area and their impact to flows and water quality.

The hearings will be technical, but they offer an important opportunity for the public to learn more about the components and operation of the California WaterFix, and how it will protect water quality flows and the Delta habitat.

#### **California Supreme Court Ruling on Delta Testing**

The California Supreme Court ruled 7-0 in the state's favor of state water authorities to do environmental and geological testing on private land for a proposed project to divert Sacramento-San Joaquin Delta water to the south.

The ruling capped six years of litigation by Delta property owners, who challenged the state's right to enter their land without compensation. In a decision written by Chief Justice Tani Cantil-Sakauye, the Court said state water authorities could proceed with testing — subject to various conditions — on more than 150 properties. On 35 of the properties, the state has intended to do geological testing that involved drilling deep holes to determine subsoil conditions.

The ruling overturned a state appeals court decision that favored the Delta owners, but also gave property owners more rights than they had previously under state law. The state will have to obtain a court order prior to geological testing, and the trial court may limit the exploration to protect the interests of the owners. The trial court also may require the state to deposit an amount that the court decides is sufficient to cover any

likely damage and allow the owner to seek compensation before a jury for losses, including restricted use of the property.

### **Bruce Babbitt to be Senior Adviser**

Governor Brown has hired Bruce Babbitt as a senior adviser to the California WaterFix. Babbitt was the former Interior Secretary under President Bill Clinton, bringing a wealth of knowledge on federal rules and regulations, and is expected to assist with the state on federal agencies discussions. He also is a former Arizona governor and a 1988 Democratic presidential candidate.

## **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**

The OCWD Board and staff will continue their discussions regarding integration of the Poseidon Project into the local water supplies from the OCWD Groundwater basin. Most recently, the OCWD Board suggested delivering the bulk of the Poseidon supplies to agencies along the coast – Newport Beach, Mesa Water and Huntington Beach. Staff will be meeting with those agencies to determine feasible operational scenarios. . Poseidon is continuing to work on the NPDES permit from the Santa Ana Regional Water Quality Control Board (operating permit) and their construction permit from the California Coastal Commission (anticipated September 2016 meeting).

## **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**

On June 28, MWDOC provided a DRAFT copy of Technical Memorandum #4 to the member agencies for review and comments. MWDOC has requested comments by the end of July and then will incorporate the comments into the final study reports.

## **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**

Karl Seckel, Kevin Hostert and MWDOC Intern Colin Eckerle met with our consultant Black & Veatch to open discussions regarding introduction and conveyance of either groundwater or Poseidon water in the EOCF#2. This was a second meeting to discuss with B&V issues from their perspective. MWDOC requested follow-up in several areas. The next steps will be to compile the B&V information to open discussions with MET on using the EOCF#2 for conveyance of non-MET water.

## **ISSUE BRIEF # H**

**SUBJECT: South Orange County Projects**

### **RECENT ACTIVITY**

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#### **July 27 DOHENY WORKSHOP BY SOUTH COAST WATER DISTRICT**

On July 27, South Coast Water District held a third Workshop on the Doheny Ocean Desalination Project where they discussed the project delivery options, costs and economic variables with their consulting team from GHD. An update on the results of the workshop will be provided next month.

Other activities on the Doheny Desal Project include:

- The Board awarded a contract to proceed with the preparation of California Environmental Quality Act (CEQA) documents
- The Board previously awarded a contract to conduct offshore geophysical monitoring to help improve the understanding of the extent and composition of the alluvial formation under the ocean. This will help in siting of the project slant wells and will improve the data in subsequent groundwater modeling work.
- GHD is continuing to work on the preliminary design for the Project.
- They have held a number of meetings on financing and grant options for funding of the project.

#### **NO NEW INFORMATION BELOW:**

The purpose of this issue brief is to list and highlight activities towards completion of projects providing new supplies or improving system reliability for South Orange County (SOC). The following projects are highlighted:

#### **Expansion of Water Recycling in South Orange County**

The table below provides projections on an agency by agency basis for purple pipe recycling. Indirect Potable Reuse (IPR) and Direct Potable Reuse (DPR) projects will be discussed separately. Virtually every agency in SOC is looking at opportunities for expansions to their recycled water systems.



<b>Purple Pipe Recycling Water Projections for SOC (acre-feet per year)</b>		
<b>Retail Water Agency</b>	<b>Current</b>	<b>Future</b>
Santa Margarita Water District	5,600	13,400
Trabuco Canyon Water District	800	1,000
San Clemente	500	1,500
San Juan Capistrano	700	2,500
South Coast Water District	1,000	2,000
Moulton Niguel Water District	7,000	9,500
El Toro Water District	500	1,700
<b>Total Purple Pipe Recycling</b>	<b>16,100</b>	<b>31,600</b>

### **Trampas Recycled Reservoir Project**

Seasonal storage capacity to capture recycled water in the winter when it is available to carry it over into the summer is typically a limiting factor when looking at expansions to existing recycled water systems. The Trampas project, spearheaded by Santa Margarita Water District (SMWD) will add much needed regional recycled water storage capacity in SOC.

The Trampas reservoir is an existing reservoir constructed between 1973 and 1975 and is an earth fill dam. The reservoir is located south of Ortega Highway off of Cristianitos Road and has been used as a tailing retention facility for a quarry. SMWD is preparing plans to rebuild the dam and increase the reservoir capacity to 5,000 AF (SMWD), Final Initial Study and Mitigated Negative Declaration for Califia Recycled Water Project, June 2015). The reservoir will be used to store recycled water from the Chiquita Water Reclamation Plant approximately 1.5 miles north of the reservoir site and will allow for expansion of the SMWD recycled water system as well as potential expansion of other local recycled water systems (San Juan Capistrano, Moulton Niguel Water District, City of San Clemente). The design of the dam will be completed later in 2016.

### **SMWD Lake Mission Viejo Advanced Purified Water (APW) Project**

SMWD is proposing to construct a recycled water treatment facility that would intake SMWD disinfected tertiary effluent and produce an advanced purified effluent for direct discharge and use in Lake Mission Viejo (LMV), in addition to other existing uses within SMWD's existing service area.

The project site is located within the northern portion of the City of Mission Viejo, approximately 0.10 mile south of LMV and directly southeast of the intersection of Alicia Parkway and Marguerite Parkway. The proposed project involves construction and operation of a recycled water treatment facility that would intake SMWD recycled water tertiary effluent and produce a purified effluent for direct discharge and use in LMV, in addition to providing for other existing uses within SMWD's service area. The APW facility would consist of a variety of interconnected treatment processes located within a single-story, prefabricated metal structure to be constructed immediately adjacent to the

existing Finisterra Pump Station. This structure, which would encompass approximately 5,000 square feet, would house the APW treatment processes, consisting of micro- or ultra- filtration, reverse osmosis, and ultraviolet light disinfection of recycled water influent provided by SMWD from its existing recycled water system. The project is being submitted to MET under the Local Resources Program to seek financing assistance.

### **Lower San Juan Creek Groundwater Management**

The project would involve construction of rubber dams on San Juan Creek to capture additional stormflow for percolation into the groundwater basin. A second phase would involve streamflow recharge with polished tertiary treated recycled water into the San Juan Creek for capture and percolation into the groundwater basin for replenishment purposes (this is considered to be Indirect Potable Reuse (IPR)). The water would blend and commingle with native groundwater and then be fully treated by Reverse Osmosis (RO) and Advanced Oxidation Processes (AOP) when it is pumped out for beneficial uses; the project will likely be implemented in phases with a potential of up to 7,000 AF of increased supply, in addition to the natural yield of the basin (ranges between 4,000 and 10,000 AF per year based on hydrology). The feasibility study for these efforts was just recently completed. SMWD has begun the preliminary design and CEQA work and is seeking participation from SOC agencies.

The Project includes the following primary elements:

- Design and build rubber dams - approximately \$33.6 million, which includes dams plus wells and treatment when water is pumped from the groundwater basin; with an anticipated yield of 1,120 AF per year. (Note, for this purpose yield is defined as water recharged, pumped out, treated and delivered for potable consumption, so it has treatment recovery losses included of about 20%; this statement applies to components below as well). The treatment capacity already exists for this level of production out of the groundwater basin, although some AOP elements may need to be added).
- Instream recharge of recycled water Phase 1 - approximately \$119.1 million; increases yield by 3,800 AF per year; this includes additional wells and treatment (existing treatment plus new treatment facilities).
- Instream recharge of recycled water Phase 2 - approximately \$160.9 million; increases yield by another 2,440 AF per year; this includes additional wells and treatment.

### **Production in San Mateo Groundwater Basin**

Currently, the City of San Clemente pumps between 500 and 1000 AF from this source. Issues with wells and high chloride levels have hampered additional production. A project was considered in the 1990's that would have required a joint venture with the Marine Corps Base Camp Pendleton; the 1990's project anticipated a potential groundwater basin yield of about 2,000 AF  $\pm$  and also considered storage of imported water for use for emergency purposes in an arrangement with the Marine Base. No current discussions or contacts have been made with the Marine Base involving this

expanded opportunity. Environmentalists consider this the last pristine basin in or nearby to OC and want to protect it from outside influences.

### **Other Water Banking Projects (e.g., Semi-Tropic)**

Semi-Tropic Water Storage District has several rate schedules for storing and retrieving water from their Groundwater Storage Bank in the Central Valley, when needed. Their rate schedules do not include the actual cost of water, which needs to be secured independent from the Banking operations. Semi-Tropic has both a program with a capital payment and another program without a capital payment. Without any costs included for the cost of water in the Central Valley, the program cost for storing and retrieving water runs about on the order of \$600 to \$800 per AF; the water must then be wheeled to get it into the MET service area. Considering the cost of central valley water at \$350 per AF, the all in costs of this source for dry year supply from this source to Southern California is about \$1700 to \$1800 per AF for years in which drought protection would be needed.

### **South Coast WD Capistrano Beach Groundwater Recovery Facility Expansion**

South Coast WD constructed a 1 MGD Groundwater Recovery Facility (GRF) that came online in FY 2007-08 in Dana Point. SCWD plans to expand the GRF with the addition of new wells. Treatment will be provided up to 1,300 AFY which will require expansion of the GRF and agreement with SJBA or confirmation of water rights from the SWRCB. The expansion of this facility may not be possible, depending on the approach and size of the Doheny Ocean Desalination facility being pursued by South Coast.

### **San Juan Desalter Groundwater Recovery Plant Expansion**

The City of San Juan Capistrano has operated the GWRP since about 2005. Shortly thereafter, a number of issues impacted the reliability of production from the facility including iron bacteria in the wells, the discovery of a plume of Methyl Tert-Butyl Ether (MTBE) that required a reduction in production in half to about 2 MGD or less since the spring of 2008 until the responsible party contributed to provide Granular Activated Carbon Filter (GAC) for removal of the MTBE to allow increased production. The city then expanded other elements of the project to improve the production capacity up to 4 or 5 mgd. The drought then struck, reducing the amount of water that could be pumped from the San Juan groundwater basin, requiring a large reduction in production in 2015 and now in 2016. The treatment capacity of this plant is being considered for treating water captured and percolated into the groundwater basin from the rubber dam project.

### **Doheny Desalination Project**

The South Coast Water District Board approved the Final Doheny Desal Foundational Action Report in March 2016. This culminates two years of additional study effort on the project and paves the way for preparation of the CEQA documents and the preliminary design, which are both underway.

The main tasks detailed in the documents include a number of important elements, including:

- Advancement of Slant Well Technology
- Geologic, Seismic and Ocean Risk Analysis for Siting Slant Wells
- Prediction of Coastal/Ocean Groundwater Flow and Water Quality
- Modeling of Slant Well Feed Water Supply, Impacts and Mitigation Approaches
- Coastal Environmental Drawdown Issues and Regulatory Strategies

The report recommends a phased approach for the Doheny Ocean Desalination Project. The feedwater supply for Phase I Doheny Ocean Desalination Project should be 8.6 MGD (i.e., Scenario 2a), which includes the drilling of three slant wells (two operating wells and one standby well) and would result in a production of potable water in the amount of 4.3 MGD. The project would be operated to collect data on the performance before being expanded to as much as 15 MGD.

South Coast Water District has provided a Notice of Preparation (NOP) and completed a scoping meeting. They are continuing work on:

- A preliminary design report
- An updated cost estimate
- Offshore geophysical mapping
- Evaluating project delivery and financing options
- Looking for participation from other local agencies, possibly up to the capacity of the 15 mgd project

### **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 initial project would be a 50 (56,000 AFY) or 100 (112,100) MGD plant with expansions in 50 MGD increments to a maximum capacity of 150 MGD (168,100 AFY), making this the largest proposed desalination plant in the US. Work on various types of intake facilities is still being studied. Work completed in 2009 indicated the cost of water at \$1,400 to \$1,500 per AF at that time. MWDOC staff estimated an additional cost of about \$500 per AF to get the water integrated into SOC.

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 south Orange County agencies are maintaining a general interest in the project.

### **Santa Margarita Water District Cadiz Water Storage Project**

SMWD has actively pursued additional water supply reliability through water transfers. They are currently involved in the analysis and evaluation of the Cadiz water storage project. The Cadiz Project includes a total yield of 50,000 AF per year that could be produced and mined from the Fenner Valley groundwater basin. The water would require treatment for Chromium VI and would be conveyed via a pump station and pipeline about 40 miles to MET's Colorado River Aqueduct. SMWD has an option for 5,000 AF per year, expandable to 15,000 AF per year; OCWD is considering the water

supply. Work is underway to develop the terms and conditions for conveying the water via the Colorado River Aqueduct into Southern California. The cost of water at the Aqueduct is \$960 per AF. The water would have to be wheeled through the Metropolitan system. This appears to be a project obstacle at this time with MET planning on using the full capability of the system, thus being unable to commit to unused capacity on an on-going basis to fulfill the needs of the project.

#### **System Reliability Only Projects (to improve emergency response efforts)**

System reliability projects do not necessarily produce any NEW water but help to meet demands during emergency outages due to earthquakes or other risks. Projects that are being discussed at this time include:

#### **Addition of Generators & Back-up Power**

This program would involve working with various retail agencies around the county to improve emergency power to local production facilities for emergency events.

#### **Expansion of the Irvine Interconnection Project to SOC**

An agreement completed in 2006 resulted in an investment by SOC agencies in the IRWD system to allow exchanges of water to be delivered by IRWD into SOC under emergency situations. Capacity was provided to move up to 30 cfs; the agreement allows moving up to 50 cfs, not to exceed 3,000 AF per emergency event. The ability of IRWD was projected to decline over time and go 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. Other options could also be implemented if arrangements can be worked out with OCWD and the groundwater producers.

#### **Additional Reservoir Projects in SOC**

SMWD led an effort to construct Upper Chiquita Reservoir at a capacity of 750 AF at a cost of \$50 million in 2008 to provide emergency storage water in SOC. Other reservoir sites in SOC offer the ability to expand storage by an additional 1,000 to 4,000 AF. Another project that could be considered is to increase the storage capacity at Irvine Lake to allow more storage for emergency purposes. None of these projects are in the active development phase at this time.

#### **Baker Water Treatment Plant**

The Baker Water Treatment Plant is a joint regional project by five South Orange County 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. 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 the Metropolitan Water District of Southern California (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. The project is expected to start up in October 2016.

#### **Direct Potable Reuse (DPR) in South Orange County**

Agencies in SOC are awaiting regulations to be put forth by the State in September of 2016 pertaining to future DPR Projects. For example, it is conceivable that over the next 10 years or so, work in the San Juan Basin result in DPR projects, treatment of recycled water at Trampas Reservoir for introduction into the drinking water systems or DPR associated with the Doheny project may make sense. The regulatory and treatment barriers will need to be developed to allow these type of projects to move forward.



**Summary Report for  
The Metropolitan Water District of Southern California  
Board Meeting  
July 12, 2016**

**COMMITTEE ASSIGNMENTS**

Director Cynthia Kurtz was appointed to the Audit and Ethics Committee. (**Agenda Item 5F**)

**ENGINEERING AND OPERATIONS COMMITTEE**

Appropriated \$2.7 million; and awarded \$1,422,082 contract to PCL Construction, Inc. to replace valves on the Palos Verdes Feeder. (Approp. 15441) (**Agenda Item 8-1**)

Appropriated \$1.83 million; and authorized increase of \$1.43 million in change order authority for urgent PCCP repairs on the Sepulveda Feeder, up to an aggregate amount not to exceed \$1,887,500. (Approp. 15496) (**Agenda Item 8-2**)

Authorized the General Manager to execute the Hoover Electric Service Contract with the Western Area Power Administration and the Implementation Agreement with the Western Area Power Administration and the Bureau of Reclamation. (**Agenda Item 8-3**)

**WATER PLANNING AND STEWARDSHIP COMMITTEE**

Authorized the General Manager to make payment of \$2.68 million to the State Water Contractors, Inc.; and authorized the General Manager to make payment up to \$1.05 million to the State Water Project Contractors Authority, both for fiscal year 2016/17. (**Agenda Item 8-4**)

Authorized implementation of new conservation program initiatives effective August 1, 2016, with the exception of the change in rain barrel incentive to be effective January 1, 2017. (**Agenda Item 8-5**)

**REAL PROPERTY AND ASSET MANAGEMENT COMMITTEE**

Affirmed the General Manager's determination that a Metropolitan property comprised of 2.75 acres in the city of Highland, San Bernardino County, California is surplus; and authorized sale of the fee interest in the 2.75-acre parcel to San Bernardino Valley Municipal Water District, subject to a reserved easement, for not less than its appraised value in a form approved by the General Counsel. (**Agenda Item 8-6**)

**LEGAL AND CLAIMS COMMITTEE**

Authorized an increase in the maximum amount payable under contract with Best, Best & Krieger LLP for legal services by \$300,000 to a maximum amount payable of \$400,000. (Report on the litigation pertaining to the purchase of property in the Delta heard in closed session). (**Agenda Item 8-7**)



## **CONSENT CALENDAR**

In other action, the Board:

Appropriated \$800,000 to complete the Henry J. Mills Water Treatment Plant industrial wastewater handling system improvements. (Approp. 15452) (**Agenda Item 7-1**)

Appropriated \$950,000; and authorized design and installation of Stage 1 upgrades to the dam monitoring system at Diamond Valley Lake. (Approp. 15419) (**Agenda Item 7-2**)

## **OTHER MATTERS:**

In other action, the Board:

Presentation of 20-year service pin to Director Judy Abdo, effective June 20, 2016.  
(**Agenda Item 5C**)

Approved 30-day leave of absence for Director Linda Ackerman, effective July 7, 2016.  
(**Agenda Item 5D**)

Adopted motion to adjourn the August Board Meeting to August 16, 2016, to establish tax rate.  
(Committees to meet August 15 and 16, 2016). (**Agenda Item 5E**)

**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>.



**DRAFT AGENDA**

**Adjourned Regular Board Meeting**

**August 16, 2016**

**12:00 p.m. – Board Room**

Tuesday, August 16, 2016 Meeting Schedule		
9:00 a.m.	Rm. 2-145	Adj. L&C
10:00 a.m.	Rm. 2-456	Adj. RP&AM
11:00 a.m.	Rm. 2-145	Adj. OP&T
12:00 p.m.	Board Room	Adj. Board Meeting

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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: \_\_\_\_\_
- (b) Pledge of Allegiance: Director \_\_\_\_\_

**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 July 12, 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 July

- C. Approve committee assignments
- D. Chairman's Monthly Activity Report
- E. Tax Levy for fiscal year 2016/17. (F&I)

5E-1 Report on list of certified assessed valuations for fiscal year 2016/17 and tabulation of assessed valuations, percentage participation, and vote entitlement of member public agencies as of August \_\_, 2016.

5E-2 Adopt (1) the resolution finding that continuing an ad valorem tax rate at the rate levied for fiscal year 2015/16 is essential to Metropolitan's fiscal integrity; and (2) the resolution establishing the tax rate for fiscal year 2016/17.

**Recommendation:**

**Option #:**

**Adopt the CEQA determination that the proposed action is not defined as a project and is not subject to CEQA, and**

- a. ; and
- b. .

**6. DEPARTMENT HEADS' REPORTS**

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

## 7. CONSENT CALENDAR ITEMS — ACTION

- 7-1 Appropriate \$1.2 million; authorize final design to replace valves at Service Connections CB-12 and CB-16 on the Rialto Pipeline; and award \$610,925 procurement contract to Autrans Corporation (Approp. 15480). (E&O)

**Recommendation:**

**Option #:**

Adopt the CEQA determination that \_\_\_\_\_, and

- a. Appropriate \$ \_\_\_\_\_; and
- b. .

- 7-2 Appropriate \$350,000; and authorize biological surveys and acquisition of mitigation for erosion protection of the Whitewater Siphons on the Colorado River Aqueduct (Approp. 15341). (E&O)

**Recommendation:**

**Option #:**

Adopt the CEQA determination that \_\_\_\_\_, and

- a. Appropriate \$ \_\_\_\_\_; and
- b. ; and
- c. .

- 7-3 Appropriate \$450,000; and authorize preliminary design to replace storage buildings at three Colorado River Aqueduct pumping plants (Approp. 15483). (E&O)

**Recommendation:**

**Option #:**

Adopt the CEQA determination that \_\_\_\_\_, and

- a. Appropriate \$ \_\_\_\_\_; and
- b. .

- 7-4 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 not to exceed \$750,000 (Approp. 15480). (E&O)

**Recommendation:**

**Option #:**

**Adopt the CEQA determination that \_\_\_\_\_, and**

- a. Appropriate \$ \_\_\_\_\_; and**
- b. ; and**
- c. .**

- 7-5** Appropriate \$1.25 million; and authorize relocation of standby generators at six Wide Area Network sites across the distribution system (Approp. 15376). (E&O)

**Recommendation:**

**Option #:**

**Adopt the CEQA determination that \_\_\_\_\_, and**

- a. Appropriate \$ \_\_\_\_\_; and**
- b. .**

- 7-6** Authorize agreements with Geospatial Professional Solutions, Inc.; Psomas; Rick Engineering Co.; and Towill, Inc., for aerial photogrammetry and mapping services to support board-authorized Capital Investment Plan projects. (E&O)

**Recommendation:**

**Option #:**

**Adopt the CEQA determination that \_\_\_\_\_, and  
Authorize \_\_\_\_\_.**

- 7-7** Adopt resolution policy regarding distribution of Galaxy tickets. (L&C)

**Recommendation:**

**Option #:**

**Adopt the CEQA determination that \_\_\_\_\_, and  
Authorize \_\_\_\_\_.**

- 7-8 Authorize amendment of lease R.L. 3212 to Diamond Valley Lake East marina operator Urban Park Concessionaires for an additional 24 months. (RP&AM)

**Recommendation:**

**Option #:**

**Adopt the CEQA determination that \_\_\_\_\_, and  
Authorize \_\_\_\_\_.**

- 7-9 Adopt resolution to update employer's contribution under the Public Employees' Medical and Hospital Care Act. (OP&T)

**Recommendation:**

**Option #:**

**Adopt the CEQA determination that \_\_\_\_\_, and  
Authorize \_\_\_\_\_.**

**(END OF CONSENT CALENDAR)**

**8. OTHER BOARD ITEMS — ACTION**

- 8-1 Authorize entering into Water Savings Incentive Program Agreements with Dye Finishing Companies. (WP&S)

**Recommendation:**

**Option #:**

**Adopt the CEQA determination that \_\_\_\_\_, and  
Authorize \_\_\_\_\_.**

- 8-2 Appropriate \$6.76 million; and award \$4,878,635 contract to Sol Construction, Inc. to construct a solar power plant at the Joseph Jensen Water Treatment Plant (Approp. 15391). (E&O)

**Recommendation:**

**Option #:**

**Adopt the CEQA determination that \_\_\_\_\_, and**

**a. Appropriate \$ \_\_\_\_\_; and**

**b. .**

**9. BOARD INFORMATION ITEMS**

None

**10. OTHER MATTERS (Contd.)**

- 10-1 Department Head Performance Evaluations  
[Public employees' performance evaluations—General Manager, General Counsel, General Auditor, and Ethics Officer; to be heard in closed session pursuant to Gov. Code Section 54957]
- 10-2 Department Head Salary Survey 2016
- 10-3 Discuss and approve compensation recommendation for General Manager, General Counsel, General Auditor, and Ethics Officer  
(To be distributed at Meeting)

**11. FUTURE AGENDA ITEMS**

**12. ADJOURNMENT**

**JTE:** At the discretion of the Board, all items appearing on this agenda and all committee agendas, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.

Each agenda item with a committee designation will be considered and a recommendation may be made by one or more committees prior to consideration and final action by the full Board of Directors. The committee designation appears in parentheses at the end of the description of the agenda item e.g., (E&O, F&I). Committee agendas may be obtained from the Board Executive Secretary.

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.



