

**MEETING OF THE  
BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**  
Jointly with the  
**ADMINISTRATION & FINANCE COMMITTEE**  
August 10, 2016, 8:30 a.m.  
MWDOC Conference Room 101

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.

**Committee:**

Director J. Thomas, Chairman  
Director J. Finnegan  
Director B. Barbre

Staff: R. Hunter, K. Seckel, C. Harris,  
K. Davanaugh, H. Chumpitazi

Ex Officio Member: W. Osborne

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MWDOC Committee meetings are noticed and held as joint meetings of the Committee and the entire Board of Directors and all members of the Board of Directors may attend and participate in the discussion. Each Committee has designated Committee members, and other members of the Board are designated alternate committee members. If less than a quorum of the full Board is in attendance, the Board meeting will be adjourned for lack of a quorum and the meeting will proceed as a meeting of the Committee with those Committee members and alternate members in attendance acting as the Committee.

**PUBLIC COMMENTS** - Public comments on agenda items and items under the jurisdiction of the Committee should be made at this time.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED** - Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

**ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING --**

Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the District's business office located at 18700 Ward Street, Fountain Valley, California 92708, during regular business hours. When practical, these public records will also be made available on the District's Internet Web site, accessible at <http://www.mwdoc.com>.

**PROPOSED BOARD CONSENT CALENDAR ITEMS**

1. TREASURER'S REPORT
  - a. Revenue/Cash Receipt Report – July 2016
  - b. Disbursement Approval Report for the month of August 2016
  - c. Disbursement Ratification Report for the month of July 2016
  - d. GM Approved Disbursement Report for the month of July 2016
  - e. Water Use Efficiency Projects Cash Flow – July 31, 2016

- f. Consolidated Summary of Cash and Investment – June 2016
  - g. OPEB Trust Fund monthly statement
2. FINANCIAL REPORT
- a. Combined Financial Statements and Budget Comparative for the Period ending June 30, 2016
  - b. Quarterly Budget Review

### **DISCUSSION ITEM**

3. REVIEW RESERVE POLICY

**INFORMATION ITEMS – (THE FOLLOWING ITEMS ARE FOR INFORMATIONAL PURPOSES ONLY – BACKGROUND INFORMATION IS INCLUDED IN THE PACKET. DISCUSSION IS NOT NECESSARY UNLESS REQUESTED BY A DIRECTOR.)**

- 4. SEMI-ANNUAL OVERTIME REPORT
- 5. DIRECTORS ACTIVITIES REPORT
- 6. INDIVIDUAL CHARGES DISCLOSURE FOR THE PERIOD JAN-DEC 2015
- 7. DEPARTMENT ACTIVITIES REPORTS
  - a. Administration
  - b. Finance and Information Technology
- 8. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFO.
- 9. EL TORO WATER DISTRICT'S LRP APPLICATION FOR THE PHASE II RECYCLED WATER DISTRIBUTION SYSTEM EXPANSION PROJECT

### **OTHER ITEMS**

10. REVIEW ISSUES REGARDING DISTRICT ORGANIZATION, PERSONNEL MATTERS, EMPLOYEE BENEFITS FINANCE AND INSURANCE

### **ADJOURNMENT**

**NOTE:** At the discretion of the Committee, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated, and may be subject to action by the Committee. On those items designated for Board action, the Committee reviews the items and makes a recommendation for final action to the full Board of Directors; final action will be taken by the Board of Directors. Agendas for Committee and Board meetings may be obtained from the District Secretary. Members of the public are advised that the Board consideration process includes consideration of each agenda item by one or more Committees indicated on the Board Action Sheet. Attendance at Committee meetings and the Board meeting considering an item consequently is advised.

Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to

Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.





**Municipal Water District of Orange County**  
**REVENUE / CASH RECEIPT REPORT**  
**July 2016**

**WATER REVENUES**

<b>Date</b>	<b>From</b>	<b>Description</b>	<b>Amount</b>
07/05/16	City of Seal Beach	May 2016 Water deliveries	10,136.96
07/05/16	City of Newport Beach	May 2016 Water deliveries	56,371.82
07/05/16	City of La Palma	May 2016 Water deliveries	73,814.31
07/08/16	El Toro Water District	May 2016 Water deliveries	625,586.57
07/11/16	South Coast Water District	May 2016 Water deliveries	448,129.14
07/11/16	City of Buena Park	May 2016 Water deliveries	229,006.36
07/11/16	City of Garden Grove	May 2016 Water deliveries	110,972.47
07/12/16	Santa Margarita Water District	May 2016 Water deliveries	2,085,073.17
07/13/16	Laguna Beach County Water District	May 2016 Water deliveries	306,538.80
07/13/16	City of Westminster	May 2016 Water deliveries	187,741.04
07/14/16	East Orange County Water District	May 2016 Water deliveries	268,280.42
07/14/16	City of Orange	May 2016 Water deliveries	206,640.02
07/15/16	Orange County Water District	May 2016 Water deliveries	4,819,369.65
07/15/16	Irvine Ranch Water District	May 2016 Water deliveries	936,692.67
07/15/16	Irvine Ranch Water District	May 2016 Water deliveries	1,115,475.00
07/15/16	Santiago Aqueduct Commission	May 2016 Water deliveries	113,513.40
07/15/16	Moulton Niguel Water District	May 2016 Water deliveries	2,102,419.95
07/15/16	Yorba Linda Water District	May 2016 Water deliveries	603,613.31
07/15/16	Golden State Water Company	May 2016 Water deliveries	409,750.12
07/19/16	Moulton Niguel Water District	May 2016 Water deliveries	2,869.90
07/22/16	City of San Clemente	June 2016 Water deliveries	560,715.25
07/25/16	City of Seal Beach	June 2016 Water deliveries	153,415.16
07/25/16	City of San Juan Capistrano	June 2016 Water deliveries	497,075.16
07/27/16	Serrano Water District	June 2016 Water deliveries	62,457.01
07/28/16	City of La Habra	June 2016 Water deliveries	11,320.39
07/29/16	City of Fountain Valley	June 2016 Water deliveries	52,770.93
07/29/16	City of Buena Park	June 2016 Water deliveries	254,339.36
07/29/16	Trabuco Canyon Water District	June 2016 Water deliveries	17,336.86
07/29/16	City of Huntington Beach	June 2016 Water deliveries	1,115,784.07
07/29/16	City of Brea	June 2016 Water deliveries	130,009.95

**TOTAL REVENUES \$ 17,567,219.22**

**Municipal Water District of Orange County**  
**REVENUE / CASH RECEIPT REPORT**  
**July 2016**

**MISCELLANEOUS REVENUES**

<b>Date</b>	<b>From</b>	<b>Description</b>	<b>Amount</b>
07/05/16	Arcadis	5/20/16 OC Water Summit sponsorship	2,000.00
07/15/16	Yorba Linda Water District	5/20/16 OC Water Summit sponsorship	1,600.00
07/25/16	Southern California Gas Company	5/20/16 OC Water Summit sponsorship	1,000.00
07/14/16	Joan Finnegan	Apr-Jun 2016 Director's Health Insurance contribution	304.74
07/18/16	Susan Hinman	Apr-Jun 2016 Director's Health Insurance contribution	304.74
07/05/16	Darcy Burke	June 2016 COBRA health insurance	1,293.82
07/22/16	Stan Sprague	August 2016 Retiree health insurance	211.41
07/28/16	Judy Pfister	Jul-Sep 2016 Retiree medical insurance	103.05
07/27/16	Laura Loewen	Movie tickets	84.00
07/18/16	Lakeside Park Community Association	Turf Removal rebate check refund	14,210.00
07/27/16	Maribeth Goldsby	Reimbursement for personal fedex charges	27.63
07/18/16	City of Orange	March 2016 Smartimer and Turf Removal rebate program	2,794.43
07/18/16	Golden State Water Company	March 2016 So Cal Watersmart Residential rebate program	1,900.00
07/15/16	City of Brea	Apr-May 2016 Smartimer rebate program	339.97
07/15/16	Mesa Water	Apr-May 2016 Smartimer rebate program	1,052.37
07/08/16	Irvine Ranch Water District	May 2016 Smartimer rebate program	75.00
07/08/16	Serrano Water District	May 2016 Smartimer rebate program	75.00
07/15/16	Trabuco Canyon Water District	May 2016 Smartimer rebate program	75.00
07/18/16	El Toro Water District	May 2016 Smartimer rebate program	75.00
07/29/16	City of Huntington Beach	May 2016 Smartimer rebate program	640.85
07/29/16	2 Checks	June 2016 Smartimer rebate program	150.00
07/08/16	City of Buena Park	April 2016 Turf Removal rebate program	332.10
07/25/16	2 Checks	May 2016 Turf Removal rebate program	222.00
07/05/16	Santa Margarita Water District	May 2016 Spray to Drip rebate program	3.08
07/22/16	City of Tustin	December 2015 Smartimer and Turf Removal rebate program	11,583.00
07/14/16	Laguna Beach County Water District	May 2016 Smartimer and Turf Removal rebate program	1,110.00
07/12/16	Santa Margarita Water District	May 2016 Smartimer and Rotating Nozzle rebate program	2,759.47
07/19/16	Moulton Niguel Water District	May 2016 Smartimer, Rotating Nozzle and Turf Removal rebate program	444,012.32
07/06/16	Irvine Ranch Water District	May 2016 So Cal Watersmart Commercial rebate program	44,850.00
07/05/16	Golden State Water Company	May 2016 So Cal Watersmart Residential rebate program	80.00
07/05/16	Moulton Niguel Water District	May 2016 So Cal Watersmart Residential rebate program	15,384.00
07/05/16	Santa Margarita Water District	May 2016 So Cal Watersmart Residential rebate program	4,059.00
07/06/16	Irvine Ranch Water District	May 2016 So Cal Watersmart Residential rebate program	48,839.10
07/15/16	Trabuco Canyon Water District	May 2016 So Cal Watersmart Residential rebate program	400.00
07/21/16	Orange County Water District	FY 16-17 Groundwater Customer charge	392,666.00
07/22/16	City of San Clemente	FY 16-17 Annual Retail Service Connection charge	190,223.40
07/22/16	El Toro Water District	FY 16-17 Annual Retail Service Connection charge	105,645.60
07/25/16	City of Orange	FY 16-17 Annual Retail Service Connection charge	361,930.35
07/25/16	City of San Juan Capistrano	FY 16-17 Annual Retail Service Connection charge	126,373.95
07/25/16	City of Seal Beach	FY 16-17 Annual Retail Service Connection charge	58,878.15
07/27/16	Mesa Water	FY 16-17 Annual Retail Service Connection charge	256,930.80
07/27/16	Serrano Water District	FY 16-17 Annual Retail Service Connection charge	24,779.85
07/28/16	Laguna Beach County Water District	FY 16-17 Annual Retail Service Connection charge	94,695.60
07/28/16	Trabuco Canyon Water District	FY 16-17 Annual Retail Service Connection charge	43,383.90
07/29/16	City of Brea	FY 16-17 Annual Retail Service Connection charge	137,345.85
07/29/16	City of Huntington Beach	FY 16-17 Annual Retail Service Connection charge	581,280.75
07/29/16	Yorba Linda Water District	FY 16-17 Annual Retail Service Connection charge	270,508.80
07/06/16	Irvine Ranch Water District	Printing of Sunset Waterwise booklet	1,572.35
07/12/16	City of San Juan Capistrano	Printing of Sunset Waterwise booklet	707.55
07/12/16	Santa Margarita Water District	Printing of Sunset Waterwise booklet	786.18
07/13/16	Laguna Beach County Water District	Printing of Sunset Waterwise booklet	2,358.53
07/15/16	City of Anaheim	Printing of Sunset Waterwise booklet	1,572.35
07/15/16	City of Tustin	Printing of Sunset Waterwise booklet	786.17

**Municipal Water District of Orange County**  
**REVENUE / CASH RECEIPT REPORT**  
July 2016

**MISCELLANEOUS REVENUES**

<b>Date</b>	<b>From</b>	<b>Description</b>	<b>Amount</b>
07/18/16	El Toro Water District	Printing of Sunset Waterwise booklet	393.09
07/19/16	Moulton Niguel Water District	Printing of Sunset Waterwise booklet	2,358.53
07/25/16	City of La Habra	Printing of Sunset Waterwise booklet	1,572.35
07/25/16	Emerald Bay Water District	Printing of Sunset Waterwise booklet	157.24
07/29/16	City of Garden Grove	Printing of Sunset Waterwise booklet	157.24
07/29/16	City of Huntington Beach	Printing of Sunset Waterwise booklet	393.09
07/29/16	Yorba Linda Water District	Printing of Sunset Waterwise booklet	393.09

TOTAL MISCELLANEOUS REVENUES \$ 3,259,801.84

TOTAL REVENUES \$ 20,827,021.06



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of August 2016**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
<b>Core Expenditures:</b>		
1113	<b>Richard Ackerman</b> July 2016 Legal consulting on water policy issues	1,275.00
	*** Total ***	1,275.00
38194	<b>Aleshire &amp; Wynder LLP</b> June 2016 Legal services	4,613.00
	*** Total ***	4,613.00
516071199	<b>ALTA FoodCraft</b> 7/15/16 Coffee & tea supplies	285.10
	*** Total ***	285.10
55401-JUN16 776104	<b>Best Best and Krieger LLP</b> June 2016 Legal services June 2016 State legislative advocacy services	7,868.00 8,024.96
	*** Total ***	15,892.96
G1-2016-168	<b>California Urban Water Conservation Council</b> 2016 Annual membership dues	8,006.00
	*** Total ***	8,006.00
80559806/19	<b>CDM Smith</b> 5/29/16-6/30/16 Engineering services for Water Reliability Investigation	22,479.50
	*** Total ***	22,479.50
SI0016897	<b>Finley &amp; Cook</b> 10/1/16-9/30/17 Annual phone support for Navision software	6,675.14
	*** Total ***	6,675.14
21505311	<b>Fry's Electronics</b> 7/15/16 Computer supplies	183.58
	*** Total ***	183.58
3520	<b>Gladwell Governmental Services Inc.</b> July 2016 Services to evaluate and revise records management policies and procedures	2,475.00
	*** Total ***	2,475.00
53933564 53966850	<b>GovConnection, Inc.</b> Visio Pro 2016 software 7/20/16-7/19/19 Arcserve backup software with Cloud storage	634.76 12,094.31
	*** Total ***	12,729.07
105-0716	<b>James C. Barker, P.C.</b> July 2016 Federal legislative advocacy services	9,099.95
	*** Total ***	9,099.95

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of August 2016**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<b>Lewis Consulting Group, LLC</b>	
2016-134	July 2016 Consulting services	3,250.00
	*** Total ***	3,250.00
	<b>Mission RCD</b>	
2036	June 2016 Turf Removal program surveys and audits	20,574.30
	*** Total ***	20,574.30
	<b>Norco Delivery Services</b>	
705678	7/1/16 Delivery charges for Board packets	72.84
	*** Total ***	72.84
	<b>Office Solutions</b>	
I-00994641	7/21/16 Office supplies	559.65
I-00995502	7/22/16 Office supplies	81.68
	*** Total ***	641.33
	<b>Orange County Water District</b>	
16418	June 2016 50% of WACO expenses	231.72
16477	June 2016 Postage, shared office & maintenance expense	10,225.89
16442	Shared costs for OCWD/MWDOC common area, MWDOC entry and restroom remodel construction	336,385.14
	*** Total ***	346,842.75
	<b>Patricia Kennedy Inc.</b>	
20924	August 2016 Plant maintenance	214.00
	*** Total ***	214.00
	<b>Southern California Water Committee</b>	
26930	2016 Annual membership dues	850.00
	*** Total ***	850.00
	<b>Staples Advantage</b>	
8039940399	7/2/16 Office supplies	95.56
	*** Total ***	95.56
	<b>Stetson Engineers Inc.</b>	
3749	February-June 2016 Technical services provided for Consumer Confidence Reports	29,789.92
	*** Total ***	29,789.92
	<b>U. S. HealthWorks Medical Group</b>	
2939540-CA	June 2016 Pre-employment exams	480.00
	*** Total ***	480.00
	<b>USAFact Inc.</b>	
6070910	June 2016 Pre-employment background inquiries	113.32
	*** Total ***	113.32

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of August 2016**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<b>Water District Jobs</b>	
1131607	Employment ad for Emergency Programs Coordinator position	145.00
	*** Total ***	145.00
	<b>WaterWise Consulting, Inc.</b>	
4656	July 2016 Turf Removal program surveys and audits	3,645.00
	*** Total ***	3,645.00
	<b>Pauline D. Wennerstrom</b>	
070816	July 2016 Retiree medical premium	70.80
	*** Total ***	70.80
	<b>Total Core Expenditures</b>	<hr/> 490,499.12

**Choice Expenditures:**

	<b>Chambers Group Inc.</b>	
30894	May-June 2016 Baseline environmental monitoring for Doheny Ocean Desal project	28,895.20
	*** Total ***	28,895.20
	<b>Discovery Science Center</b>	
DSOC/IV/14-	June 2016 School program	17,246.25
	*** Total ***	17,246.25
	<b>Geoscience Support Services</b>	
15025-16-01	May 2016 Doheny Slant Well and Mobile Test Facility Decommissioning	6,630.00
15025-16-02	June 2016 Doheny Slant Well and Mobile Test Facility Decommissioning	8,635.20
	*** Total ***	15,265.20
	<b>Orange County Water District</b>	
16477	June 2016 Postage for rebate programs	502.41
	*** Total ***	502.41
	<b>Top Hat Productions</b>	
91868	7/26/16 Lunch for Water Loss Control workgroup	403.38
	*** Total ***	403.38
	<b>Total Choice Expenditures</b>	<hr/> 62,312.44

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of August 2016**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
<b>Other Funds Expenditures:</b>		
	<b>Mission RCD</b>	
2049	June 2016 Field verifications for rebate programs	14,225.68
	*** Total ***	14,225.68
	<b>Total Other Funds Expenditures</b>	<u>14,225.68</u>
	<b>Total Expenditures</b>	<u><u>567,037.24</u></u>

**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the month of July 2016**

<b>Check #</b>	<b>Date</b>	<b>Vendor # Invoice/CM #</b>	<b>Name / Description</b>	<b>Net Amount</b>
<b>Core Disbursements:</b>				
<b>135660</b>	<b>7/6/16</b>	<b>TIMEWA 5210-JUL16</b>	<b>Time Warner Cable</b> July 2016 Telephone and internet expense	1,280.57
			***Total ***	1,280.57
<b>135666</b>	<b>7/7/16</b>	<b>VERIZO 9767594044</b>	<b>Verizon Wireless</b> June 2016 4G Mobile broadband unlimited service	76.02
			***Total ***	76.02
<b>135744</b>	<b>7/15/16</b>	<b>BELLRI 062916</b>	<b>Richard Bell</b> June 2016 Business expense	32.40
			***Total ***	32.40
<b>135754</b>	<b>7/15/16</b>	<b>HOMED1 7785-JUN16</b>	<b>Home Depot Credit Services</b> 6/8/16 Office supplies	108.01
			***Total ***	108.01
<b>135757</b>	<b>7/15/16</b>	<b>LYONKE 063016</b>	<b>Keith Lyon</b> May-June 2016 Business expense	29.92
			***Total ***	29.92
<b>135766</b>	<b>7/15/16</b>	<b>STAPLC 4362-JUL16</b>	<b>Staples Credit Plan</b> 8 Gift cards for Poster/Slogan contest teacher incentives	800.00
			***Total ***	800.00
<b>135768</b>	<b>7/15/16</b>	<b>TAMARI 063016</b>	<b>Satoru Tamaribuchi</b> June 2016 Business expense	166.32
			***Total ***	166.32
<b>135770</b>	<b>7/15/16</b>	<b>TIMEWA 3564-JUL16</b>	<b>Time Warner Cable</b> July 2016 Telephone expense for 4 analog fax lines	143.75
			***Total ***	143.75
<b>135771</b>	<b>7/15/16</b>	<b>VOLZKE 063016</b>	<b>Jonathan Volzke</b> June 2016 Business expense	186.24
			***Total ***	186.24
<b>ACH002050</b>	<b>7/15/16</b>	<b>ACKEEX 063016</b>	<b>Linda Ackerman</b> June 2016 Business expense	60.48
			***Total ***	60.48
<b>ACH002053</b>	<b>7/15/16</b>	<b>BARBRE 063016</b>	<b>Brett Barbre</b> June 2016 Business expense	285.66
			***Total ***	285.66



**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the month of July 2016**

<b>Check #</b>	<b>Date</b>	<b>Vendor # Invoice/CM #</b>	<b>Name / Description</b>	<b>Net Amount</b>
<b>ACH002054</b>	<b>7/15/16</b>	<b>BERGJO 062816</b>	<b>Joseph Berg</b> May-June 2016 Business expense ***Total ***	 143.87 143.87
<b>ACH002057</b>	<b>7/15/16</b>	<b>DICKEK 063016</b>	<b>Larry Dick</b> June 2016 Business expense ***Total ***	 116.10 116.10
<b>ACH002059</b>	<b>7/15/16</b>	<b>FINNEG 063016</b>	<b>Joan Finnegan</b> June 2016 Business expense ***Total ***	 105.32 105.32
<b>ACH002061</b>	<b>7/15/16</b>	<b>HINMAN 063016</b>	<b>Susan Hinman</b> June 2016 Business expense ***Total ***	 375.22 375.22
<b>ACH002064</b>	<b>7/15/16</b>	<b>LOEWEN 063016</b>	<b>Laura Loewen</b> June 2016 Business expense ***Total ***	 164.61 164.61
<b>ACH002080</b>	<b>7/15/16</b>	<b>THOMAS 063016</b>	<b>Jeffery Thomas</b> June 2016 Business expense ***Total ***	 134.46 134.46
<b>135814</b>	<b>7/29/16</b>	<b>USBANK 4140/5443-JUN16</b>	<b>U.S. Bank</b> 5/23/16-6/22/16 Cal Card charges ***Total ***	 11,557.01 11,557.01
<b>135815</b>	<b>7/29/16</b>	<b>IRONMO MUG4566 MUG4566A</b>	<b>Iron Mountain</b> June 2016 Retrieval/destruction of archived documents July 2016 Archived document storage fees ***Total ***	 1,310.28 372.09 1,682.37
<b>ACH002083</b>	<b>7/29/16</b>	<b>KANZLE 063016</b>	<b>Andrew Kanzler</b> June 2016 Business expense ***Total ***	 118.80 118.80
<b>ACH002086</b>	<b>7/29/16</b>	<b>BACATI 062916</b>	<b>Tiffany Baca</b> May-June 2016 Business expense ***Total ***	 138.41 138.41
<b>ACH002087</b>	<b>7/29/16</b>	<b>BAUMHA 063016</b>	<b>Melissa Baum-Haley</b> May-June 2016 Business expense ***Total ***	 112.94 112.94

**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the month of July 2016**

<b>Check #</b>	<b>Date</b>	<b>Vendor # Invoice/CM #</b>	<b>Name / Description</b>	<b>Net Amount</b>
<b>ACH002088</b>	<b>7/29/16</b>	<b>DOUGLA 072116</b>	<b>Ryan Douglass</b> July 2016 Business expense ***Total ***	 24.00 24.00
<b>ACH002096</b>	<b>7/29/16</b>	<b>SECKEL 072016</b>	<b>Karl Seckel</b> July 2016 Business expense ***Total ***	 377.27 377.27
<b>ACH002097</b>	<b>7/29/16</b>	<b>HAGESH 063016</b>	<b>Shenandoah Hage</b> June 2016 Business expense ***Total ***	 19.76 19.76
<b>Total Core Disbursements</b>				<b>18,239.51</b>

**Choice Disbursements:**

<b>135764</b>	<b>7/15/16</b>	<b>SDGE 49159257768-JUN16</b>	<b>San Diego Gas and Electric</b> 5/19/16-6/20/16 Electrical service for Doheny Ocean Desal project ***Total ***	 136.01 136.01
<b>Total Choice Disbursements</b>				<b>136.01</b>

**Other Funds Disbursements:**

		<b>TURFRP</b>	<b>Turf Removal Program</b>	
<b>135563</b>	<b>7/1/16</b>	<b>TR6-BREA-10601-955</b>	Evangelical Christian Credit Union (Brea)	22,302.00
<b>135565</b>	<b>7/1/16</b>	<b>TR5W-GG-4009</b>	G. Hubert	1,542.35
<b>135566</b>	<b>7/1/16</b>	<b>TR5W-NWPT-4459</b>	B. & L. Raya	782.00
<b>135567</b>	<b>7/1/16</b>	<b>TR6-NWPT-7949-1621</b>	V. Rizof	380.00
<b>135568</b>	<b>7/1/16</b>	<b>TR6-O-6129-2223</b>	J. Barnhart	62.79
<b>135569</b>	<b>7/1/16</b>	<b>TR5W-SC-1201</b>	J. Lazar	772.50
<b>135570</b>	<b>7/1/16</b>	<b>TR5W-SC-4203</b>	E. Mauldin	1,140.00
<b>135571</b>	<b>7/1/16</b>	<b>TR6-SC-10235-1210</b>	R. Collacott	2,790.00
<b>135572</b>	<b>7/1/16</b>	<b>TR6-SC-6990-2176</b>	L. Yawn	1,100.00
<b>135573</b>	<b>7/1/16</b>	<b>TR5W-SJC-5341ADD</b>	Marbella Property Owners Assn. (San Juan Capistrano)	19,020.00
<b>135574</b>	<b>7/1/16</b>	<b>TR5W-TUST-4122ADD</b>	A. Roberts	580.27
<b>135575</b>	<b>7/1/16</b>	<b>TR5W-TUST-4542</b>	A. Phillips	412.31
<b>135576</b>	<b>7/1/16</b>	<b>TR6-TUST-7689-18081</b>	C. Guillen	1,536.80
<b>135577</b>	<b>7/1/16</b>	<b>TR6-TUST-8252-13411</b>	P. Albarian	715.12
<b>135578</b>	<b>7/1/16</b>	<b>TR6-WEST-7702-13372</b>	E. Johnson	5,323.75
<b>135579</b>	<b>7/1/16</b>	<b>TR6-WEST-8504-8430</b>	K. Turnbaugh	3,443.00
<b>135580</b>	<b>7/1/16</b>	<b>TR5W-IRWD-5580</b>	N. Hsu	5,570.00
<b>135581</b>	<b>7/1/16</b>	<b>TR6-IRWD-10090-37</b>	M. Nasri	1,154.00
<b>135582</b>	<b>7/1/16</b>	<b>TR6-IRWD-10131-2</b>	L. Rowe	1,126.00
<b>135583</b>	<b>7/1/16</b>	<b>TR6-IRWD-10460-38</b>	K. Papurt	1,164.61
<b>135584</b>	<b>7/1/16</b>	<b>TR6-IRWD-6363-22</b>	J. Hittelman	1,360.00

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135585	7/1/16	TR6-IRWD-6799-16	M. Gamboa	2,796.00
135586	7/1/16	TR6-IRWD-7275-2331	J. Riaille	2,522.00
135587	7/1/16	TR6-IRWD-8096-29	A. Yokota	256.26
135588	7/1/16	TR6-IRWD-8741-19	S. Hunt	1,070.00
135589	7/1/16	TR6-IRWD-9009-25441	S. Dittmar	4,244.00
135590	7/1/16	TR6-IRWD-9314-301	J. Schuster	5,126.86
135591	7/1/16	TR6-IRWD-9641-7701	M. Golchini	6,000.00
135592	7/1/16	TR7-IRWD-10671-10541	M. Forkert	6,000.00
135593	7/1/16	TR7-IRWD-10706-5	N. Jazayeri	1,674.00
135594	7/1/16	TR7-IRWD-11384-66	R. Tarlton	1,008.00
135595	7/1/16	TR7-IRWD-11690-31	K. Graham	160.00
135596	7/1/16	TR7-IRWD-11693-24901	D. Senger	3,076.00
135597	7/1/16	TR7-IRWD-11995-15	C. Tooker	3,614.33
135598	7/1/16	TR7-IRWD-12024-22052	E. Oleary	5,294.00
135599	7/1/16	TR7-IRWD-12049-25852	P. McCarron	2,960.00
135600	7/1/16	TR7-IRWD-23491-21861	K. White	2,940.00
135601	7/1/16	TR7-IRWD-23575-26151	R. Silao	1,420.00
135602	7/1/16	TR7-IRWD-23610-4142	S. Khan	1,930.00
135603	7/1/16	TR7-IRWD-23799-24561	M. Aguinaga	2,612.00
135604	7/1/16	TR7-IRWD-23842-25165	T. Banh	2,228.00
135605	7/1/16	TR7-IRWD-23913-20	K. Yagisawa	662.00
135606	7/1/16	TR7-IRWD-24012-48	D. Keddy	2,892.00
135608	7/1/16	TR7-IRWD-24107-1	S. Chen	1,285.00
135609	7/1/16	TR6-MESA-6427-3025ADD	L. Nguyen	1,179.00
135610	7/1/16	TR6-MESA-6570-3023	R. Serrano	2,732.00
135611	7/1/16	TR6-MESA-7361-201	D. Bryant	4,468.00
135612	7/1/16	TR5-MNT-245	P. Luce	1,424.66
135613	7/1/16	TR5W-MNT-4041	Ridgemont HOA (Laguna Hills)	50,569.75
135614	7/1/16	TR5W-MNT-4407	Regency Centers LP #9005 (Laguna Niguel)	6,097.50
135615	7/1/16	TR5W-MNT-4472	B. McLane	4,802.00
135616	7/1/16	TR5W-MNT-4731	L. Schaffer	4,249.00
135617	7/1/16	TR5W-MNT-5088	S. Morris	1,639.00
135618	7/1/16	TR5W-MNT-5249	St. Tropez Homeowners Association (Aliso Viejo)	7,152.00
135619	7/1/16	TR5W-MNT-8568ADD	S. Baker	1,737.59
135620	7/1/16	TR6-MNT-10209-26812ADD	P. Garcia	1,827.00
135621	7/1/16	TR6-MNT-6307-1	Soka University of America (Aliso Viejo)	48,705.50
135622	7/1/16	TR6-MNT-6344-28912	K. Schiller	500.00
135623	7/1/16	TR6-MNT-6651-29182	S. Lopez	3,451.00
135624	7/1/16	TR6-MNT-6687-24682	J. Cameron	2,474.50
135625	7/1/16	TR6-MNT-6789-24852	R. Dexter	4,691.00
135626	7/1/16	TR6-MNT-7403-26566	T. Lehr	9,404.50
135627	7/1/16	TR6-MNT-9759-3	Q. Shareef	2,625.00
135628	7/1/16	TR6-MNT-9894-25301	B. Rumbaugh	1,580.61
135629	7/1/16	TR7-MNT-11449-85	E. Lavin	2,116.00
135630	7/1/16	TR7-MNT-23459-27542	J. Kranawetter	4,562.00
135631	7/1/16	TR7-MNT-23611-29322	W. Yow	1,359.11
135632	7/1/16	TR7-MNT-23774-4	T. Reimers	6,233.50
135633	7/1/16	TR7-MNT-23850-24581ADD	T. Duray	634.00
135634	7/1/16	TR7-MNT-23868-26132	G. Guzynski	1,476.00

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135635	7/1/16	TR7-MNT-23904-115ADD	Fieldcrest Villas HOA #4 (Aliso Viejo)	3,803.00
135636	7/1/16	TR7-MNT-23911-5	K. Sayles	700.00
135637	7/1/16	TR7-MNT-24007-23631	C. Wang	836.50
135638	7/1/16	TR5W-SM-4958ADD	H. Da Silva	194.00
135639	7/1/16	TR7-MNT-24023-28726	A. Kosar	1,106.00
135640	7/1/16	TR5W-SM-5276	J. Andrew	742.44
135641	7/1/16	TR7-MNT-24027-23931	W. Sutton	1,500.00
135642	7/1/16	TR6-SM-10167-41	J. Villamater	2,434.00
135643	7/1/16	TR7-MNT-24070-25872	B. Emami	2,782.02
135644	7/1/16	TR7-MNT-24075-4	T. Wilkerson	257.76
135645	7/1/16	TR5W-SM-4538	R. Aldrich	1,250.00
135646	7/1/16	TR6-SM-7469-27836	P. Butelo	2,204.00
135647	7/1/16	TR5W-SM-5470	Silver-Bronze Corporation (Rancho Santa Margarita)	25,000.00
135648	7/1/16	TR6-SM-8631-24052	B. Hines	5,630.00
135649	7/1/16	TR6-SM-9164-32	L. Eisenberg	994.94
135650	7/1/16	TR6-SM-6431-22300	Canyon Estates Community Association (Mission Viejo)	2,107.00
135651	7/1/16	TR5-SOCO-105	Laguna Beach Golf & Bungalow Village, LLC	2,028.84
135652	7/1/16	TR6-SOCO-7958-26472	F. Robinson	1,890.00
135654	7/1/16	TR5W-YLWD-5592	Rancho Dominguez Townhome Assoc. (Yorba Linda)	20,077.00
135655	7/1/16	TR6-YLWD-9573-724	B. Mar	2,396.00
135656	7/1/16	TR5W-MNT-4357	S. Shad	8,694.00
			***Total ***	398,365.67
135658	7/6/16	<b>ATTEOC</b>	<b>AT&amp;T</b>	
		0532-JUN16	June 2016 WEROC N. EOC dedicated phone line	75.50
		4492-JUN16	June 2016 WEROC N. EOC telephone expense	250.00
		8200-JUN16	June 2016 WEROC S. EOC telephone expense	180.00
			***Total ***	505.50
135661	7/6/16	<b>TURFRP</b>	<b>Turf Removal Program</b>	
		TR6-MNT-7966-25681	C. Thompson	2,115.00
			***Total ***	2,115.00
		<b>TURFRP</b>	<b>Turf Removal Program</b>	
135662	7/7/16	TR5-IRWD-297	Bonita Canyon Maintenance Assn. (Irvine)(Re-issue)	62,780.00
135663	7/7/16	TR5W-IRWD-3383	Westpark Maintenance District (Irvine)	53,000.00
135664	7/7/16	TR5W-IRWD-3383ADD	Westpark Maintenance District (Irvine)	53,000.00
135665	7/7/16	TR7-IRWD-23561-25712	Le Parc HOA (Lake Forest)	11,469.00
			***Total ***	180,249.00
135666	7/7/16	<b>VERIZO</b>	<b>Verizon Wireless</b>	
		9767594044	June 2016 4G Mobile broadband unlimited service	38.01
			***Total ***	38.01
		<b>TURFRP</b>	<b>Turf Removal Program</b>	
135667	7/8/16	TR7-R-MNT-4654-4571	E. Baron	955.00
135668	7/8/16	TR7-R-IRWD-4292-4218	P. Blen	1,000.00
135669	7/8/16	TR7-R-IRWD-4822-4741	S. Buendia	1,394.00
135670	7/8/16	TR7-MNT-24942-24	S. Bush	748.00

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135671	7/8/16	TR7-R-IRWD-4815-4734	L. Chuang	1,328.00
135672	7/8/16	TR7-BP-23962-6906	B. Clark	500.00
135673	7/8/16	TR7-SM-11753-68	B. Constable	922.00
135675	7/8/16	TR7-R-MNT-4384-4307	V. Deshmukh	3,000.00
135676	7/8/16	TR7-R-MNT-4370-4294	M. Elmi	1,500.00
135677	7/8/16	TR7-R-MNT-4408-4328	V. Gonzalez	2,668.00
135678	7/8/16	TR7-TUST-23708-12367	M. Harris	6,000.00
135679	7/8/16	TR7-R-MNT-4519-4440	R. Hinchey	787.50
135680	7/8/16	TR7-MESA-23585-2015	B. Horvath	65.65
135681	7/8/16	TR7-R-IRWD-4279-4199	P. Ireland	1,530.00
135682	7/8/16	TR7-R-IRWD-4632-4551	G. Isarowong	608.00
135683	7/8/16	TR7-SJC-11851-25241	J. Kessler	1,152.00
135684	7/8/16	TR7-R-IRWD-4689-4606	E. Lajom	828.00
135685	7/8/16	TR7-R-IRWD-4719-4639	W. Lao	2,130.00
135686	7/8/16	TR7-YLWD-11019-5931	R. Lucidi	2,100.80
135687	7/8/16	TR7-HB-11151-19525	L. Mahoney	616.00
135688	7/8/16	TR8-R-IRWD-4931-4856	L. Martinez	2,342.00
135689	7/8/16	TR8-R-IRWD-4870-4796	W. Ng	470.01
135690	7/8/16	TR7-O-11571-4423	T. Nguyen	1,011.79
135691	7/8/16	TR7-R-MNT-2053-2001	D. Nicklin	4,762.00
135692	7/8/16	TR7-R-IRWD-4421-4339	W. Palmer	946.00
135693	7/8/16	TR7-R-IRWD-4231-4155	M. Peterson	2,782.00
135694	7/8/16	TR7-MNT-24003-6	M. Pham	1,994.69
135695	7/8/16	TR8-R-IRWD-4888-4813	J. Rael	800.00
135696	7/8/16	TR7-R-IRWD-3093-3034	S. Ryan-Riggs	528.00
135697	7/8/16	TR7-R-MNT-4336-4260	R. Sadeed	309.23
135698	7/8/16	TR7-SM-23675-20	P. Saheli	1,816.21
135699	7/8/16	TR7-R-BREA-3106-3044	H. Xin	96.09
135700	7/8/16	TR7-C-O-3111-3050	RMHCSC (Orange)	2,366.00
135701	7/8/16	TR7-HB-11023-7742	Village Court (Huntington Beach)	21,532.04
135702	7/8/16	TR6-HB-6110-19112	M. Rule	1,422.00
135703	7/8/16	TR5W-NWPT-4218	M. White	974.00
135704	7/8/16	TR5W-O-4206	K. Flewellen	1,200.00
135705	7/8/16	TR6-O-9432-3102	T. Vernon	1,256.05
135706	7/8/16	TR6-O-9433-7631	C. Miller	1,640.00
135707	7/8/16	TR6-SC-6350-114	K. Maes	3,407.73
135708	7/8/16	TR5W-GSWC-4056	G. Rewers	586.44
135709	7/8/16	TR5-IRWD-220	C. Jameson	759.76
135710	7/8/16	TR5W-IRWD-5828	A. Tseng	374.00
135711	7/8/16	TR6-IRWD-7501-52	G. Nguyen	196.29
135712	7/8/16	TR6-IRWD-9044-14	E. Sung Lin	1,936.00
135713	7/8/16	TR6-IRWD-9224-8	K. or A. Steele	856.00
135714	7/8/16	TR7-IRWD-11589-35	T. Ho	515.00
135715	7/8/16	TR7-IRWD-11665-67	L. Rodriguez	913.69
135716	7/8/16	TR7-IRWD-11920-22962	B. Pham	1,913.86
135717	7/8/16	TR7-IRWD-23700-9	M. Verma	1,530.00
135718	7/8/16	TR7-IRWD-23825-26	S. How	728.13
135719	7/8/16	TR7-IRWD-23918-22661	C. Branson	2,424.00
135720	7/8/16	TR6-MESA-7629-2650	Newport-Mesa Unified School District	50,000.00

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135722	7/8/16	TR7-MNT-11631-33	CCA / Aliso Viejo Country Club	480,050.00
135723	7/8/16	TR5W-MNT-4403	G. Marrero	699.30
135724	7/8/16	TR6-MNT-6331-15	P. Mokhtari-Shahabi	7,731.50
135725	7/8/16	TR6-MNT-8546-25135	N. McGee	1,890.00
135726	7/8/16	TR6-MNT-8712-24771	A. Swift	2,997.96
135727	7/8/16	TR6-MNT-9189-26322	R. Horn	9,165.77
135728	7/8/16	TR7-MNT-23470-23971	R. Shirmardian	5,832.00
135729	7/8/16	TR7-MNT-23754-25451	B. Farahmand	2,023.91
135730	7/8/16	TR7-MNT-24032-27851	B. Ansary	1,841.36
135731	7/8/16	TR7-MNT-24050-25272	A. Kelly	600.00
135732	7/8/16	TR6-SM-6122-24771	D. Karsten	398.33
135733	7/8/16	TR6-SM-9584-2	P. Rasic	1,126.00
135734	7/8/16	TR6-YLWD-10021-27800	H. Patel	2,878.00
135735	7/8/16	TR6-YLWD-7261-19439ADD	L. Yang	219.54
135736	7/8/16	TR6-TUST-9617-178	W. Gribble	1,524.09
			***Total ***	663,199.72
		<b>TURFRP</b>	<b>Turf Removal Program</b>	
135737	7/15/16	TR6-SOCO-8162-34A	A. Thrailkill (Re-issue)	3,082.00
135738	7/15/16	TR7-TUST-24750-2152B	J. Dahl (Re-issue)	4,269.16
			***Total ***	7,351.16
135741	7/15/16	<b>ATTUVEOC</b> 8599-JUL16	<b>AT&amp;T</b> July 2016 U-verse internet service for WEROC N. EOC	55.00
			***Total ***	55.00
ACH002054	7/15/16	<b>BERGJO</b> 062816	<b>Joseph Berg</b> May-June 2016 Business expense	4.50
			***Total ***	4.50
ACH002065	7/15/16	<b>MESAWA</b> 8886	<b>Mesa Water</b> May 2016 Credit for Local Resources program	28,711.80
			***Total ***	28,711.80
		<b>TURFRP</b>	<b>Turf Removal Program</b>	
135774	7/20/16	TR5W-LB-3526	C. Capretz (Re-issue)	5,406.00
135775	7/20/16	TR5W-MNT-3892	A. Abner (Re-issue)	1,117.58
135776	7/20/16	TR6-FV-6421-11617	M. Duncan	784.00
135777	7/20/16	TR7-IRWD-24058-39	Y. Zhang	1,614.00
135778	7/20/16	TR6-MESA-8347-2501A	Mesa Water District for Fairview Developmental Center	50,000.00
			***Total ***	58,921.58
135779	7/26/16	<b>TURFRP</b> TR7-R-SM-3072-3015	<b>Turf Removal Program</b> J. Tolbert (Re-issue)	2,076.00
			***Total ***	2,076.00

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<b>135780</b>	<b>7/28/16</b>	<b>TURFRP</b>	<b>Turf Removal Program</b>	
		TR6-BREA-8791-1891	R. Ren (Re-issue)	717.87
			***Total ***	717.87
		<b>TURFRP</b>	<b>Turf Removal Program</b>	
<b>135781</b>	<b>7/29/16</b>	TR7-HB-11121-17002	M. White	2,636.00
<b>135782</b>	<b>7/29/16</b>	TR7-C-IRWD-4332-4272	Willow Glen HOA (Lake Forest)	23,455.00
<b>135783</b>	<b>7/29/16</b>	TR7-IRWD-24892-2313	L. Pittman	3,350.00
<b>135784</b>	<b>7/29/16</b>	TR7-R-IRWD-4572-4490	P. Wilkinson	2,238.00
<b>135785</b>	<b>7/29/16</b>	TR7-R-IRWD-4584-4502	I. Chu	2,218.00
<b>135786</b>	<b>7/29/16</b>	TR7-R-IRWD-4644-4562	J. Huang	1,039.72
<b>135787</b>	<b>7/29/16</b>	TR7-R-IRWD-4803-4722	P. Panda	1,228.00
<b>135788</b>	<b>7/29/16</b>	TR8-R-IRWD-4835-4754	D. Weinhold	1,250.00
<b>135789</b>	<b>7/29/16</b>	TR8-R-IRWD-5010-4937	B. Tingey	2,010.00
<b>135790</b>	<b>7/29/16</b>	TR7-MNT-24833-23745-ADJ	R. Zaccuri	1,623.00
<b>135791</b>	<b>7/29/16</b>	TR7-MNT-24844-29572-ADJ	M. Abolhassani	1,476.00
<b>135792</b>	<b>7/29/16</b>	TR7-MNT-24896-19-ADJ	J. Czochanski	576.00
<b>135793</b>	<b>7/29/16</b>	TR7-MNT-24933-27475-ADJ	W. Fine	414.00
<b>135794</b>	<b>7/29/16</b>	TR7-MNT-24943-32-ADJ	G. Bush	375.00
<b>135795</b>	<b>7/29/16</b>	TR7-MNT-24949-28972-ADJ	M. Boone	75.00
<b>135796</b>	<b>7/29/16</b>	TR7-R-MNT-4435-4356	C. Schellin	1,893.00
<b>135797</b>	<b>7/29/16</b>	TR7-R-MNT-4456-4379	B. Fluhr	3,437.00
<b>135798</b>	<b>7/29/16</b>	TR7-R-MNT-4544-4464	J. Scherffius	1,000.00
<b>135799</b>	<b>7/29/16</b>	TR7-R-MNT-4571-4489	A. Salahshour	3,430.00
<b>135800</b>	<b>7/29/16</b>	TR7-R-MNT-4604-4522	L. Brooks	1,316.00
<b>135801</b>	<b>7/29/16</b>	TR7-R-MNT-4824-4743	A. Faigin	2,226.00
<b>135802</b>	<b>7/29/16</b>	TR7-R-MNT-758-710-ADJ	M. Kubicek	1,035.00
<b>135803</b>	<b>7/29/16</b>	TR7-R-SJC-738-689-ADJ	C. Coppola	500.00
<b>135804</b>	<b>7/29/16</b>	TR7-YLWD-11599-3874	S. Girgis	2,000.00
			***Total ***	60,800.72
<b>135806</b>	<b>7/29/16</b>	<b>CATALI</b>	<b>Catalina Island Conservancy</b>	
		0012973	July 2016 WEROC radio repeater site lease	1,636.47
			***Total ***	1,636.47
		<b>HUBBAR</b>	<b>Kelly Hubbard</b>	
<b>ACH002089</b>	<b>7/29/16</b>	063016	June 2016 Business expense	76.66
<b>ACH002090</b>	<b>7/29/16</b>	053116	May 2016 Business expense	100.64
			***Total ***	177.30
<b>ACH002098</b>	<b>7/29/16</b>	<b>SANTAM</b>	<b>Santa Margarita Water District</b>	
		MAY2016	May 2016 SCP Operation Surcharge	25,360.16
			***Total ***	25,360.16

**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the month of July 2016**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
<b>WIRE-160729</b>	<b>7/29/16</b>	<b>METWAT 8708</b>	<b>Metropolitan Water District May 2016 Water deliveries ***Total ***</b>	<b>16,484,066.54 16,484,066.54</b>
<b>Total Other Funds Disbursements</b>				<b>17,914,352.00</b>
<b>Total Disbursements</b>				<b>17,932,727.52</b>

Robert J. Hunter, General Manager

Hilary Chumpitazi, Treasurer



**Cal Card Statement Detail**  
**Statement Date: June 22, 2016**  
**Payment Date: July 29, 2016**

Date	Description	Amount
<b><u>K. Seckel Card</u></b>		
05/23/16	Dropbox renewal for secure file sharing and storage	99.00
05/24/16	UPS delivery charges for Board & Committee packets on May 27, 2016	61.82
05/24/16	Orange County Business Council Election Day lunch in Newport Beach, CA on Jun. 7, 2016 - Registration for H. Baez	85.00
05/24/16	ACWA Legislative meeting in Sacramento, CA on Jun. 10, 2016 - Airfare for H. Baez	473.96
05/24/16	American Water Works Association Annual conference in Chicago, IL from Jun. 19-22, 2016 - Airfare for R. Hunter	713.20
05/25/16	Lunch for Legislative workgroup	244.80
05/25/16	California Chamber of Commerce Pregnancy Disability Leave webinar on May 26, 2016 - Registration for K. Davanaugh	199.00
05/25/16	1 New Nintendo and 4 Apple iPads for Poster/Slogan contest winners	1,557.11
05/25/16	Symplicity employment ad for Water Use Efficiency intern position	275.00
05/25/16	California Urban Water Conservation Council Peer-to-Peer workshop in San Francisco, CA from Jun. 1-2, 2016 - Accommodations for J. Berg	174.68
05/25/16	California Urban Water Conservation Council Peer-to-Peer workshop in San Francisco, CA from Jun. 1-2, 2016 - Accommodations for A. Kanzler	174.68
05/26/16	Orange County Business Council Advocacy trip in Washington, DC from May 23-25, 2016 - Refunded accommodations for Director Barbre	(707.15) <sup>1</sup>
05/31/16	Staff development lunch	233.50
06/02/16	40 Collapsible buckets for Poster/Slogan contest winners	518.00
06/02/16	50 Sports bottles for Poster/Slogan contest winners	234.43
06/07/16	Carpet cleaning for MWDOC offices	800.00
06/07/16	American Water Works Association Annual conference in Chicago, IL from Jun. 19-22, 2016 - Accommodations for R. Hunter	1,263.64
06/07/16	Sand etching for plate presented to Wyland	25.00
06/09/16	OC Public Relations Society of America Behind the Scenes of Award-Winning Campaigns breakfast in Costa Mesa, CA on Jun. 23, 2016 - Registration for T. Baca, L. Loewen, B. Roberto and J. Volzke	61.60
06/09/16	Meeting with J. Meral and J. Grindstaff in Corte Madera, CA on Jun. 27, 2016 - Airfare for R. Hunter	381.96
06/09/16	Meeting with J. Meral and J. Grindstaff in Corte Madera, CA on Jun. 27, 2016 - Airfare for Director Tamaribuchi	381.96
06/13/16	UPS delivery charges for Board & Committee packets on Jun. 10, 2016	7.00
06/13/16	Maintenance and premium support for 5 Smartdraw licenses	349.75
06/13/16	Legislative activities in Washington, DC from Nov. 16-18, 2016 - Airfare for Director Barbre	620.19 <sup>2</sup>
06/14/16	5 Toner cartridges	270.36

**Cal Card Statement Detail**  
**Statement Date: June 22, 2016**  
**Payment Date: July 29, 2016**

<b>Date</b>	<b>Description</b>	<b>Amount</b>
06/15/16	Lunch for Managers' meeting	482.26
06/16/16	Lunch for Public Affairs workshop	190.80
06/18/16	Cinemark movie tickets for employee purchase	435.00
06/20/16	Southern California Water Committee Water Energy workshop in Anaheim, CA on Jun. 22, 2016 - Registration for Director Tamaribuchi	70.00
06/20/16	UPS delivery charges for Board & Committee packets on Jun. 10, 2016	49.43
06/20/16	2016 Compliance Supplemental for Single Audits webinar - Registration for J. Berg, H. Chumpitazi, B. Fahl and A. Kanzler	249.00
06/20/16	Cal Desal Executive Board meeting on Jul 7, 2016 in Sacramento, CA - Airfare for K. Seckel	276.96
<b>Total</b>		<b><u>10,251.94</u></b>

- [1] Hotel billed for stay that was included in conference registration fee  
[2] Director Barbre to reimburse MWDOC \$270.00

**R. Hunter Card**

05/23/16-06/22/16	Meals for R. Hunter's meetings	97.12
05/25/16-05/26/16	California Environmental Dialogue meeting in Sacramento, CA from May 25-26, 2016 - Accommodations, airfare change, parking and transportation for R. Hunter	343.10
06/02/16	Lunch for East Orange County Feeder #2 meeting	150.00
06/06/16	Legislative activities in Washington, DC from Sep. 7-9, 2016 - Airfare for Director Barbre	573.19 [1]
06/19/16-06/20/16	American Water Works Association Annual conference in Chicago, IL from Jun. 19-22, 2016 - Meals for R. Hunter	141.66
<b>Total</b>		<b><u>1,305.07</u></b>

- [1] Director Barbre to reimburse MWDOC \$270.00

**Municipal Water District of Orange County**  
**GM Approved Disbursement Report <sup>(1)</sup>**  
**For the month of July 2016**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
<b>Core Disbursements:</b>				
135657	7/6/16	ALLIIS 469426	Alliant Insurance Services, Inc. 7/1/16-7/1/17 Workers Comp insurance premium	17,691.50
			***Total ***	17,691.50
135659	7/6/16	CALPER 1-14747092	CALPERS GASB-68 reports & schedules fee	1,300.00
			***Total ***	1,300.00
			<b>Total Core Disbursements</b>	<b>18,991.50</b>
<b>Choice Disbursements:</b>				
			<b>Total Choice Disbursements</b>	<b>-</b>
<b>Other Funds Disbursements:</b>				
			<b>Total Disbursements</b>	<b>18,991.50</b>



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

(1) For disbursements that did not make the cut-off of previous month's Disbursement Approval report.  
 Disbursements are approved by GM for payment and need A & F Committee ratification.

Municipal Water District of Orange County  
WATER USE EFFICIENCY PROJECTS  
Cash Flow as of 07/31/16

Cash - Beginning Balance	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	Jan 2017	Feb 2017	Mar 2017	Apr 2017	May 2017	Jun 2017	TOTALS
REVENUES:	\$ (2,257,596.90)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	
BUREC													\$
City of Brea	339.97												339.97
City of Buena Park	332.10												332.10
City of Fountain Valley													-
City of Fullerton													-
City of Garden Grove													-
City of Huntington Beach	640.85												640.85
City of La Habra	111.00												111.00
City of San Clemente													-
City of San Juan Capistrano	111.00												111.00
City of Santa Ana													-
City of Tustin	11,583.00												11,583.00
City of Newport Beach													-
City of Orange	2,869.43												2,869.43
City of Westminster													-
County of Orange													-
Department of Water Resources													-
East Orange County Water District													-
El Toro Water District	75.00												75.00
East Orange County Water District													-
Golden State Water Company	1,980.00												1,980.00
Irvine Ranch Water District	93,764.10												93,764.10
Laguna Beach County Water District	1,110.00												1,110.00
Mesa Water District	1,127.37												1,127.37
Metropolitan Water District													-
Moulton Niguel Water District	459,396.32												459,396.32
MWDCC													-
Santa Margarita Water District	6,821.55												6,821.55
Serrano Water District	75.00												75.00
South Coast Water District													-
Trabuco Canyon Water District	475.00												475.00
Yorba Linda Water District													-
Miscellaneous Revenues													-
Miscellaneous													-
Interest Revenue													-
Total Revenues	580,811.69	-	-	-	-	-	-	-	-	-	-	-	\$ 580,811.69
EXPENDITURES:													\$
Aquaficient	5,400.00												5,400.00
Autumn Print Group													-
Awards & Trophies													-
Conservation Consulting, LLC													-
City of Newport Beach													-
El Toro WD													-
Enterprise Information Systems													-
Golden State Water Company													-
Hotel Program													-
Industrial Program													-
Irvine Ranch Water District													-
Karen's Detail Custom Frames													-
Laguna Beach CWD													-
Metropolitan Water District	229,162.49												229,162.49
MESA													-
Mission RCD	18,300.13												18,300.13
Public Spaces program													-
Santa Margarita Water District													-
South Coast Water District													-
Spray to Drip program													-
Turf Removal	1,287,489.27												1,287,489.27
US Bank													-
URS													-
Waterwise Consulting													-
Miscellaneous Expenses													-
Interest Expense													-
Salary & Benefit													-
Total Expenditures	1,540,351.89	-	-	-	-	-	-	-	-	-	-	-	\$ 1,540,351.89
Cash - Ending Balance	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	

**Municipal Water District of Orange County  
Consolidated Summary of Cash and Investment**

June 30, 2016

*Street Address:*18700 Ward Street  
Fountain Valley, California 92708*Mailing Address:*P.O. Box 20895  
Fountain Valley, CA 92728-0895

(714) 963-3058

Fax: (714) 964-9389

[www.mwdoc.com](http://www.mwdoc.com)Wayne S. Osborne  
*President*Brett R. Barbre  
*Vice President*Larry D. Dick  
*Director*Joan C. Finnegan  
*Director*Susan Hinman  
*Director*Sat Tamaribuchi  
*Director*Jeffery M. Thomas  
*Director*Robert J. Hunter  
*General Manager***MEMBER AGENCIES**

City of Brea  
City of Buena Park  
East Orange County Water District  
El Toro Water District  
Emerald Bay Service District  
City of Fountain Valley  
City of Garden Grove  
Golden State Water Co.  
City of Huntington Beach  
Irvine Ranch Water District  
Laguna Beach County Water District  
City of La Habra  
City of La Palma  
Mesa Water District  
Moulton Niguel Water District  
City of Newport Beach  
City of Orange  
Orange County Water District  
City of San Clemente  
City of San Juan Capistrano  
Santa Margarita Water District  
City of Seal Beach  
Serrano Water District  
South Coast Water District  
Trabuco Canyon Water District  
City of Tustin  
City of Westminster  
Yorba Linda Water District

District investments and cash balances are held in various funds designated for certain purposes as follows:

Fund	Book Value	% of Portfolio
<b>Designated Reserves</b>		
General Operations	\$2,494,603	22.23%
Grant & Project Cash Flow	1,480,000	13.19%
Election Expense	215,463	1.92%
Building Repair	500,407	4.46%
Total Designated Reserves	4,690,473	41.80%
General Fund	3,273,951	29.18%
Water Fund	5,172,721	46.10%
Conservation Fund	(2,257,597)	(20.12%)
Desalination Feasibility Study Fund	222,385	1.98%
WEROC Fund	105,433	0.94%
Trustee Activities	13,468	0.12%
<b>Total</b>	<b>\$11,220,834</b>	<b>100.00%</b>

The funds are invested as follows:

Term of Investment	% of Portfolio	Book Value	Market Value
Cash	3.45%	\$386,928	\$386,928
Short-term investment			
• LAIF	1.41%	\$157,563	\$157,563
• OCIP	67.49%	7,573,225	7,573,225
Long-term investment			
• Misc. Securities	6.71%	753,118	764,160
• Certificates of Deposit	20.94%	2,350,000	2,382,666
<b>Total</b>	<b>100.00%</b>	<b>\$11,220,834</b>	<b>\$11,264,542</b>

The average number of days to maturity/call as of June 30, 2016 equaled 258 and the average yield to maturity is 1.080%. During the month, the District's average daily balance was \$19,488,962.20. Funds were invested in Federal Agency Issues, Certificates of Deposit, Negotiable CD's, Miscellaneous Securities, the Local Agency Investment Funds (LAIF) and the Orange County Investment Pool (OCIP) during the month of June 2016.

The \$43,708 difference between the book value and the market value on June 30, 2016 represents the exchange difference if all investments had been liquidated on that date. Since it is the District's practice to "buy and hold" investments until maturity, the market values are a point of reference, not an indication of actual loss or gain. There are no current plans or cash flow requirements identified in the near future that would require the sale of these securities prior to maturity.

Robert J. Hunter  
*General Manager*

Hilary Chumpitazi  
*Treasurer*



# MUNICIPAL WATER DISTRICT OF ORANGE COUNTY



## Portfolio Management - Portfolio Summary June 30, 2016

6/30/2016	Par Value	Market Value	Book Value	% of Portfolio	Days to Mat/Call	YTM @ Cost
Certificates of Deposit - Bank	2,350,000.00	2,382,666.50	2,350,000.00	21.70	744	1.700
Local Agency Investment Funds	157,563.02	157,563.02	157,563.02	1.45	1	0.580
Miscellaneous Securities - Coupon	750,000.00	764,160.00	753,118.35	6.92	1388	2.240
Orange County Investment Pool	7,573,225.15	7,573,225.15	7,573,225.15	69.92	1	0.780
<b>Total Investments</b>	<b>10,830,788.17</b>	<b>10,877,614.67</b>	<b>10,833,906.52</b>	<b>100.00%</b>	<b>258</b>	<b>1.080</b>
<b>Cash</b>						
Passbook Checking	386,927.68	386,927.68	386,927.68		1	0.00
<b>Total Cash and Investments</b>	<b>11,217,715.85</b>	<b>11,264,542.35</b>	<b>11,220,834.20</b>		<b>258</b>	<b>1.080</b>

<b>Total Earnings</b>	<b>Month Ending June</b>	<b>Fiscal Year to Date</b>
<b>Current Year</b>	<b>14,262.55</b>	<b>124,946.31</b>
<b>Average Daily Balance</b>	<b>19,488,962.20</b>	
<b>Effective Rate of Return</b>	<b>1.080%</b>	

We certify that this report reflects the cash and investments of the Municipal Water District of Orange County and is in conformity with the Government Code requirements and the District Investment Policy and Guidelines in effect at the time of investment. The Investment Program herein shown provides sufficient cash flow liquidity to meet the next six month's estimated expenditure. The source for the market values are from Union Bank.



Robert J. Hunter, General Manager

Date

8-3-16



Hilary Chumtipitzi, Treasurer

Date

9/3/2016

**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**  
**Portfolio Management**  
**Long-Term Portfolio Details - Investments**  
**June 30, 2016**

Issuer	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
<b>Certificate of Deposit - Bank</b>									
Goldman Sachs Bank	38143A4T9	1/23/2013	100,000.00	100,264.00	100,000.00	1.050	1.050	207	1/23/2017
American Express Bank	02006LFV0	7/23/2014	250,000.00	250,887.50	250,000.00	1.150	1.150	389	7/24/2017
Barclays Bank	36163FJC8	7/25/2014	250,000.00	250,887.50	250,000.00	1.200	1.200	390	7/25/2017
Capital One Bank	02587CEA4	7/29/2015	250,000.00	252,065.00	250,000.00	1.450	1.450	578	1/29/2018
Capital One Natl Assn	2546712Y5	7/23/2014	250,000.00	252,765.00	250,000.00	1.600	1.600	753	7/23/2018
CAPITAL ONE BANK	140420TY6	8/5/2015	250,000.00	252,927.50	250,000.00	1.700	1.700	767	8/6/2018
Synchrony Bank	87164XBY1	7/25/2014	250,000.00	256,627.50	250,000.00	2.050	2.050	1125	7/30/2019
Goldman Sachs Bank	14042E6C9	9/2/2015	250,000.00	256,937.50	250,000.00	1.950	1.950	1160	9/3/2019
Barclays Bk	06740KJP3	9/24/2015	250,000.00	256,572.50	250,000.00	1.900	1.900	1180	9/23/2019
Synchrony Bank	40434AK65	1/21/2016	250,000.00	252,732.50	250,000.00	1.550	2.530	570	1/21/2021
<b>Sub Total</b>			<b>2,350,000.00</b>	<b>2,382,666.50</b>	<b>2,350,000.00</b>	<b>1.590</b>	<b>1.700</b>	<b>744</b>	
<b>Miscellaneous Securities - Coupon</b>									
JPMorgan Chase	46625HKA7	11/2/2015	500,000.00	506,875.00	501,658.09	2.250	2.150	1271	1/23/2020
Wells Fargo	94974BGR5	1/13/2016	250,000.00	257,285.00	251,460.26	2.550	2.410	1621	12/7/2020
<b>Sub Total</b>			<b>750,000.00</b>	<b>764,160.00</b>	<b>753,118.35</b>	<b>2.350</b>	<b>2.240</b>	<b>1388</b>	
<b>Total Investments</b>			<b>3,100,000.00</b>	<b>3,146,826.50</b>	<b>3,103,118.35</b>	<b>1.780</b>	<b>1.83</b>	<b>900</b>	

		Month Ending June	Fiscal Year To Date
<b>Total Earnings</b>			
Current Year		4,430.60	58,478.02

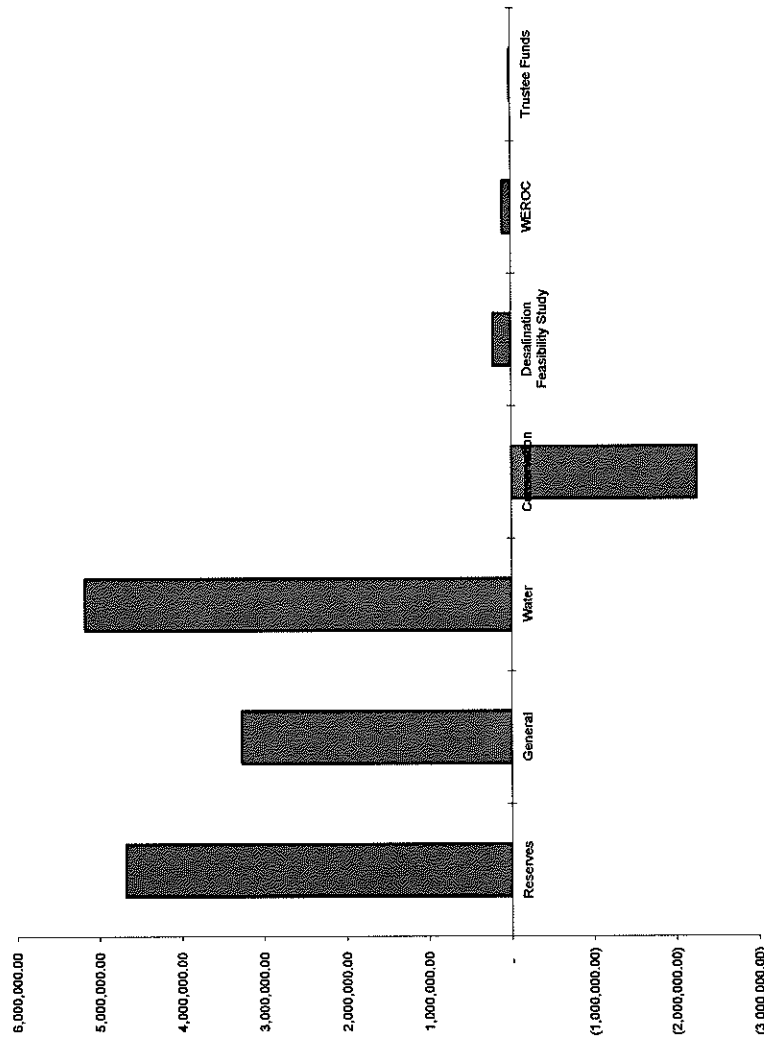
**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**  
**Portfolio Management**  
**Short-Term Portfolio Details - Cash and Investments**  
**June 30, 2016**

Investments	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
<b>Local Agency Investment Funds</b>									
LAIF LGIP	LAIF	6/30/2010	157,563.02	157,563.02	157,563.02	0.580	0.580	1	N/A
<b>Sub Total</b>			<b>157,563.02</b>	<b>157,563.02</b>	<b>157,563.02</b>	<b>0.580</b>	<b>0.580</b>	<b>1</b>	
<b>Orange County Investment Pool</b>									
County of Orange LGIP	OCIP	6/29/2005	7,573,225.15	7,573,225.15	7,573,225.15	0.780	0.780	1	N/A
<b>Sub Total</b>			<b>7,573,225.15</b>	<b>7,573,225.15</b>	<b>7,573,225.15</b>	<b>0.780</b>	<b>0.780</b>	<b>1</b>	
<b>Total Investments</b>			<b>7,730,788.17</b>	<b>7,730,788.17</b>	<b>7,730,788.17</b>	<b>0.770</b>	<b>0.770</b>		
<b>Passbook Checking</b>									
Bank of America Cash	CASH0547	7/1/2011	386,427.68	386,427.68	386,427.68	0.000	0.000	1	N/A
Petty Cash Cash	CASH	7/1/2011	500.00	500.00	500.00	0.000	0.000	1	N/A
<b>Total Cash</b>			<b>386,927.68</b>	<b>386,927.68</b>	<b>386,927.68</b>	<b>0.000</b>	<b>0.000</b>	<b>1</b>	
<b>Total Cash and Investments</b>			<b>8,117,715.85</b>	<b>8,117,715.85</b>	<b>8,117,715.85</b>	<b>0.770</b>	<b>0.770</b>	<b>1</b>	
<b>Total Earnings</b>									
Current Year			9,831.95		Fiscal Year To Date				
									66,468.29



**Municipal Water District of Orange County  
Cash and Investments at June 30, 2016**

ALLOCATION	AMOUNT	%
<b>MWDOC</b>		
Designated Reserves		
General	\$ 2,494,603	22.23%
Grant & Project Cash Flow	1,480,000	13.19%
Election Expense	215,463	1.92%
Building Repair	500,407	4.46%
Total Designated Reserves	4,690,473	41.80%
General	3,273,951	29.18%
Water	5,172,721	46.10%
Conservation	(2,257,597)	-20.12%
Desalination Feasibility Study	222,385	1.98%
WEROC	105,433	0.94%
<b>TOTAL MWDOC</b>	<b>\$ 11,207,366</b>	<b>99.88%</b>
<b>TRUSTEE ACTIVITIES</b>		
AMP Sales Admin	\$ 8,645	0.08%
RPOI	4,823	0.04%
<b>TOTAL TRUSTEE ACTIVITIES</b>	<b>\$ 13,468</b>	<b>0.12%</b>
<b>TOTAL CASH &amp; INVESTMENTS</b>	<b>\$ 11,220,834</b>	<b>100.00%</b>



**MUNICIPAL WATER DIST OF ORANGE COUNTY**  
**PARS OPEB Trust Program****Monthly Account Report for the Period**  
**6/1/2016 to 6/30/2016**Rob Hunter  
General Manager  
Municipal Water Dist of Orange County  
18700 Ward Street  
Fountain Valley, CA 92708**Account Summary**

Source	Beginning Balance as of 6/1/2016	Contributions	Earnings	Expenses	Distributions	Transfers	Ending Balance as of 6/30/2016
Employer Contribution	\$1,281,549.62	\$107,332.18	\$5,028.16	\$583.24	\$0.00	\$0.00	\$1,393,326.72
<b>Totals</b>	<b>\$1,281,549.62</b>	<b>\$107,332.18</b>	<b>\$5,028.16</b>	<b>\$583.24</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,393,326.72</b>

**Investment Selection**

Moderate HighMark PLUS

**Investment Objective**

The dual goals of the Moderate Strategy are growth of principal and income. It is expected that dividend and interest income will comprise a significant portion of total return, although growth through capital appreciation is equally important. The portfolio will be allocated between equity and fixed income investments.

**Investment Return**

1-Month	3-Months	1-Year	Annualized Return			Plan's Inception Date
			3-Years	5-Years	10-Years	
0.38%	1.98%	0.50%	5.43%	-	-	10/26/2011

Information as provided by US Bank, Trustee for PARS; Not FDIC Insured; No Bank Guarantee; May Lose Value

Past performance does not guarantee future results. Performance returns may not reflect the deduction of applicable fees, which could reduce returns. Information is deemed reliable but may be subject to change.

Investment Return: Annualized rate of return is the return on an investment over a period other than one year multiplied or divided to give a comparable one-year return.

Account balances are inclusive of Trust Administration, Trustee and Investment Management fees

MUNICIPAL WATER DIST OF ORANGE COUNTY  
PARS OPEB Trust Program

Annual Account Report for the Period  
7/1/2015 to 6/30/2016

Rob Hunter  
General Manager  
Municipal Water Dist of Orange County  
18700 Ward Street  
Fountain Valley, CA 92708

Account Summary							
Source	Beginning Balance as of 7/1/2015	Contributions	Earnings	Expenses	Distributions	Transfers	Ending Balance as of 6/30/2016
Employer Contribution	\$1,286,254.15	\$107,332.18	\$6,476.79	\$6,736.40	\$0.00	\$0.00	\$1,393,326.72
Totals	\$1,286,254.15	\$107,332.18	\$6,476.79	\$6,736.40	\$0.00	\$0.00	\$1,393,326.72

Investment Selection  
Moderate HighMark PLUS

Investment Objective  
The dual goals of the Moderate Strategy are growth of principal and income. It is expected that dividend and interest income will comprise a significant portion of total return, although growth through capital appreciation is equally important. The portfolio will be allocated between equity and fixed income investments.

Investment Return						
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			3-Years	5-Years	10-Years	
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Information as provided by US Bank, Trustee for PARS; Not FDIC Insured; No Bank Guarantee; May Lose Value  
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Investment Return: Annualized rate of return is the return on an investment over a period other than one year multiplied or divided to give a comparable one-year return.  
Account balances are inclusive of Trust Administration, Trustee and Investment Management fees



## Item 2

### **MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**

#### **UNAUDITED DRAFT COMBINED FINANCIAL STATEMENTS**

#### **AND**

#### **BUDGET COMPARATIVE**

**JULY 1, 2015 THRU JUNE 30, 2016**

**THE FOLLOWING IS SUBJECT TO CHANGE AND ACTUALS ARE  
DEFERRED TO THE AUDITED ANNUAL REPORT  
TO BE PRESENTED ON NOVEMBER 9, 2016**

**Municipal Water District of Orange County  
Combined Balance Sheet  
As of June 30, 2016**

<b><u>ASSETS</u></b>	<b>Amount</b>
Cash in Bank	386,927.68
Investments	10,833,906.52
Accounts Receivable	35,198,094.19
Accounts Receivable - Other	80,209.22
Accrued Interest Receivable	30,626.70
Prepays/Deposits	470,512.42
Leasehold Improvements	3,026,974.08
Furniture, Fixtures & Equipment	436,910.44
Less: Accum Depreciation	(2,546,618.64)
Net OPEB Asset	92,806.00
	<hr/>
<b>TOTAL ASSETS</b>	<b>\$48,010,348.61</b>
	<hr/>
<b><u>LIABILITIES AND FUND BALANCES</u></b>	
<b>Liabilities</b>	
Accounts Payable	35,757,604.62
Accounts Payable - Other	548.12
Accrued Salaries and Benefits Payable	331,385.66
OCWD CUP Balance Payable	2,796,261.80
Other Liabilities	1,017,129.79
Unearned Revenue	2,302,261.15
Total Liabilities	42,205,191.14
	<hr/>
<b>Fund Balances</b>	
Restricted Fund Balances	
Water Fund - T2C	962,411.63
Total Restricted Fund Balances	962,411.63
	<hr/>
Unrestricted Fund Balances	
Designated Reserves	
General Operations	2,587,408.51
Grant & Project Cash Flow	1,480,000.00
Election Expense	215,463.03
Building Repair	500,407.45
Total Designated Reserves	4,783,278.99
	<hr/>
GENERAL FUND	1,307,553.79
WEROC	83,059.22
Total Unrestricted Fund Balances	6,173,892.00
	<hr/>
Excess Revenue over Expenditures	
Operating Fund	1,192,062.46
Other Funds	(2,523,208.62)
Total Fund Balance	5,805,157.47
	<hr/>
<b>TOTAL LIABILITIES AND FUND BALANCES</b>	<b>\$48,010,348.61</b>
	<hr/>

**Municipal Water District of Orange County**  
**Revenues and Expenditures Budget Comparative Report**  
**General Fund**  
**From July 2015 thru June 2016**

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<b><u>REVENUES</u></b>						
Retail Connection Charge	0.00	6,686,659.70	6,687,322.00	99.99%	0.00	662.30
Water rate revenues	0.00	6,686,659.70	6,687,322.00	99.99%	0.00	662.30
Interest Revenue	14,959.82	142,208.39	117,675.00	120.85%	0.00	(24,533.39)
Subtotal	14,959.82	6,828,868.09	6,804,997.00	100.35%	0.00	(23,871.09)
Choice Programs	6,608.00	1,360,155.62	1,302,619.00	104.42%	0.00	(57,536.62)
Choice Prior Year Carry Over	0.00	0.00	243,338.00	0.00%	0.00	243,338.00
Miscellaneous Income	50.74	160,649.54	3,000.00	5354.98%	0.00	(157,649.54)
School Contracts	26,090.75	91,670.15	70,000.00	130.96%	0.00	(21,670.15)
Delinquent Payment Penalty	0.00	173.98	0.00	0.00%	0.00	(173.98)
Gain on Sale of Investments	0.00	13.72	0.00	0.00%	0.00	(13.72)
Transfer-Out To Reserve	0.00	0.00	(64,424.00)	0.00%	0.00	(64,424.00)
Subtotal	32,749.49	1,612,663.01	1,554,533.00	103.74%	0.00	(58,130.01)
<b>TOTAL REVENUES</b>	<b>47,709.31</b>	<b>8,441,531.10</b>	<b>8,359,530.00</b>	<b>100.98%</b>	<b>0.00</b>	<b>(82,001.10)</b>

**Municipal Water District of Orange County**  
**Revenues and Expenditures Budget Comparative Report**  
**General Fund**  
**From July 2015 thru June 2016**

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<b><u>EXPENSES</u></b>						
Salaries & Wages	241,734.98	2,919,104.67	3,309,949.00	88.19%	0.00	390,844.33
Salaries & Wages - Grant Recovery	0.00	(22,571.40)	(23,500.00)	96.05%	0.00	(928.60)
Directors' Compensation	16,701.56	191,425.74	220,588.00	86.78%	0.00	29,162.26
MWD Representation	10,775.20	117,833.98	126,050.00	93.48%	0.00	8,216.02
Employee Benefits	66,201.54	815,203.21	863,069.00	94.45%	0.00	47,865.79
OPEB Annual Contribution	107,332.18	107,332.18	105,188.00	102.04%	0.00	(2,144.18)
Employee Benefits - Grant Recovery	0.00	(5,784.57)	0.00	0.00%	0.00	5,784.57
Director's Benefits	5,101.89	68,227.15	60,024.00	113.67%	0.00	(8,203.15)
Health Ins \$'s for Retirees	2,736.13	48,237.42	50,387.00	95.73%	0.00	2,149.58
Training Expense	448.00	3,352.68	18,000.00	18.63%	0.00	14,647.32
Tuition Reimbursement	0.00	0.00	5,000.00	0.00%	0.00	5,000.00
Temporary Help Expense	0.00	1,259.54	0.00	0.00%	0.00	(1,259.54)
Personnel Expenses	451,031.48	4,243,620.60	4,734,755.00	89.63%	0.00	491,134.40
Engineering Expense	23,354.50	285,863.68	300,000.00	95.29%	137,112.56	(122,976.24)
Legal Expense	12,481.00	162,778.74	355,000.00	45.85%	3,723.51	188,497.75
Audit Expense	0.00	20,600.00	23,000.00	89.57%	0.00	2,400.00
Professional Services	202,568.65	1,262,061.12	1,541,837.00	81.85%	298,602.52	(18,826.64)
Professional Fees	238,404.15	1,731,303.54	2,219,837.00	77.99%	439,438.59	49,094.87
Conference-Staff	146.60	13,826.02	19,450.00	71.08%	0.00	5,623.98
Conference-Directors	155.00	10,109.00	9,800.00	103.15%	0.00	(309.00)
Travel & Accom.-Staff	3,579.17	43,452.78	56,510.00	76.89%	0.00	13,057.22
Travel & Accom.-Directors	1,643.55	17,371.27	27,600.00	62.94%	0.00	10,228.73
Travel & Conference	5,524.32	84,759.07	113,360.00	74.77%	0.00	28,600.93
Membership/Sponsorship	0.00	95,689.04	103,961.00	92.04%	0.00	8,271.96
CDR Support	0.00	39,739.50	39,740.00	100.00%	0.00	0.50
Dues & Memberships	0.00	135,428.54	143,701.00	94.24%	0.00	8,272.46
Business Expense	(119.86)	5,013.82	6,800.00	73.73%	0.00	1,786.18
Maintenance Office	9,462.37	90,969.58	126,670.00	71.82%	1,237.75	34,462.67
Building Repair & Maintenance	2,061.54	11,196.08	11,000.00	101.78%	0.00	(196.08)
Storage Rental & Equipment Lease	2,965.57	14,870.16	19,000.00	78.26%	0.00	4,129.84
Office Supplies	1,682.98	32,152.65	29,400.00	109.36%	169.84	(2,922.49)
Postage/Mail Delivery	1,112.14	14,351.89	11,285.00	127.18%	0.00	(3,066.89)
Subscriptions & Books	155.46	569.28	2,060.00	27.63%	0.00	1,490.72
Reproduction Expense	10,068.88	11,634.91	70,010.00	16.62%	37.30	58,337.79
Maintenance-Computers	147.82	5,605.67	7,100.00	78.95%	112.72	1,381.61
Software Purchase	3,459.58	15,537.22	18,500.00	83.98%	13.87	2,948.91
Software Support	1,650.53	32,561.19	34,000.00	95.77%	0.00	1,438.81
Computers and Equipment	0.00	16,131.47	17,550.00	91.92%	0.00	1,418.53
Automotive Expense	1,745.77	15,973.85	13,500.00	118.32%	0.00	(2,473.85)
Toll Road Charges	78.31	846.47	1,275.00	66.39%	0.00	428.53
Insurance Expense	8,373.47	100,016.16	96,000.00	104.18%	0.00	(4,016.16)
Utilities - Telephone	1,622.73	18,757.44	19,250.00	97.44%	0.00	492.56
Bank Fees	944.84	10,532.57	17,900.00	58.84%	0.00	7,367.43
Miscellaneous Expense	4,509.69	70,242.60	98,770.00	71.12%	0.00	28,527.40
MWDOC's Contrb. To WEROC	11,817.25	141,807.00	141,807.00	100.00%	0.00	0.00
Depreciation Expense	973.09	11,976.98	0.00	0.00%	0.00	(11,976.98)
Other Expenses	62,712.16	620,746.99	741,877.00	83.67%	1,571.48	119,558.53
MWDOC's Building Expense	378,507.76	400,732.31	400,000.00	100.18%	193,419.14	(194,151.45)
Capital Acquisition	0.00	32,877.59	6,000.00	547.96%	0.00	(26,877.59)
<b>TOTAL EXPENSES</b>	<b>1,136,179.87</b>	<b>7,249,468.64</b>	<b>8,359,530.00</b>	<b>86.72%</b>	<b>634,429.21</b>	<b>475,632.15</b>
<b>NET INCOME (LOSS)</b>	<b>(1,088,470.56)</b>	<b>1,192,062.46</b>	<b>0.00</b>			



**Municipal Water District of Orange County**  
**Revenues and Expenditures Budget Comparative Report**  
**Water Fund**  
**From July 2015 thru June 2016**

	Month to Date	Year to Date	Annual Budget	% Used	Budget Remaining
<b><u>WATER REVENUES</u></b>					
Water Sales	15,368,934.30	128,391,331.00	139,025,078.00	92.35%	10,633,747.00
Readiness to Serve Charge	1,056,174.45	12,939,661.20	13,214,277.00	97.92%	274,615.80
Capacity Charge CCF	402,482.50	4,627,125.00	4,424,460.00	104.58%	(202,665.00)
SCP Surcharge	29,478.21	252,518.29	380,000.00	66.45%	127,481.71
Interest	622.55	5,461.24	2,900.00	188.32%	(2,561.24)
<b>TOTAL WATER REVENUES</b>	<b>16,857,692.01</b>	<b>146,216,096.73</b>	<b>157,046,715.00</b>	<b>93.10%</b>	<b>10,830,618.27</b>
<b><u>WATER PURCHASES</u></b>					
Water Sales	15,368,934.30	128,391,331.00	139,025,078.00	92.35%	10,633,747.00
Readiness to Serve Charge	1,056,174.45	12,939,661.20	13,214,277.00	97.92%	274,615.80
Capacity Charge CCF	402,482.50	4,627,125.00	4,424,460.00	104.58%	(202,665.00)
SCP Surcharge	29,478.21	252,518.29	380,000.00	66.45%	127,481.71
<b>TOTAL WATER PURCHASES</b>	<b>16,857,069.46</b>	<b>146,210,635.49</b>	<b>157,043,815.00</b>	<b>93.10%</b>	<b>10,833,179.51</b>
<b>EXCESS OF REVENUE OVER EXPENDITURES</b>	<b>622.55</b>	<b>5,461.24</b>	<b>2,900.00</b>		

**Municipal Water District of Orange County**  
**WUE Revenues and Expenditures (Actuals vs Budget)**  
**From July 2015 thru June 2016**

	Year to Date Actual	Annual Budget	% Used
<b>Landscape Performance Certification</b>			
Revenues	43,857.68	118,900.00	36.89%
Expenses	<u>61,675.00</u>	<u>118,900.00</u>	51.87%
Excess of Revenues over Expenditures	(17,817.32)	0.00	
<b>Industrial Water Use Reduction</b>			
Revenues	167,757.65	91,236.00	183.87%
Expenses	<u>167,762.30</u>	<u>91,236.00</u>	183.88%
Excess of Revenues over Expenditures	(4.65)	0.00	
<b>Spray To Drip Conversion</b>			
Revenues	130,862.02	57,109.58	229.14%
Expenses	<u>137,363.44</u>	<u>57,109.58</u>	240.53%
Excess of Revenues over Expenditures	(6,501.42)	0.00	
<b>Water Smart Landscape for Public Property</b>			
Revenues	1,069,659.17	137,871.04	775.84%
Expenses	<u>1,160,645.42</u>	<u>137,871.04</u>	841.83%
Excess of Revenues over Expenditures	(90,986.25)	0.00	
<b>Member Agency Administered Passthru</b>			
Revenues	92,935.38	627,000.00	14.82%
Expenses	<u>92,935.38</u>	<u>627,000.00</u>	14.82%
Excess of Revenues over Expenditures	0.00	0.00	
<b>ULFT Rebate Program</b>			
Revenues	312,788.89	658,000.00	47.54%
Expenses	<u>379,042.43</u>	<u>658,000.00</u>	57.61%
Excess of Revenues over Expenditures	(66,253.54)	0.00	
<b>HECW Rebate Program</b>			
Revenues	406,238.48	696,000.00	58.37%
Expenses	<u>407,088.01</u>	<u>696,000.00</u>	58.49%
Excess of Revenues over Expenditures	(849.53)	0.00	
<b>CII Rebate Program</b>			
Revenues	468,915.00	509,000.00	92.12%
Expenses	<u>478,951.00</u>	<u>509,000.00</u>	94.10%
Excess of Revenues over Expenditures	(10,036.00)	0.00	
<b>Large Landscape Survey</b>			
Revenues	17,080.62	85,000.00	20.09%
Expenses	<u>13,328.99</u>	<u>85,000.00</u>	15.68%
Excess of Revenues over Expenditures	3,751.63	0.00	
<b>Indoor-Outdoor Survey</b>			
Revenues	4,905.63	6,800.00	72.14%
Expenses	<u>21.49</u>	<u>6,800.00</u>	0.32%
Excess of Revenues over Expenditures	4,884.14	0.00	
<b>Turf Removal Program</b>			
Revenues	22,899,796.00	19,075,000.00	120.05%
Expenses	<u>25,114,749.80</u>	<u>19,075,000.00</u>	131.66%
Excess of Revenues over Expenditures	(2,214,953.80)	0.00	

**Municipal Water District of Orange County**  
**WUE & Other Funds Revenues and Expenditures (Actuals vs Budget)**  
**From July 2015 thru June 2016**

	Year to Date Actual	Annual Budget	% Used
<b>Comprehensive Landscape (CLWUE)</b>			
Revenues	85,585.66	281,926.00	30.36%
Expenses	<u>134,743.02</u>	<u>281,926.00</u>	47.79%
Excess of Revenues over Expenditures	(49,157.36)	0.00	
<b>Home Certification and Rebate</b>			
Revenues	229,352.27	210,205.00	109.11%
Expenses	<u>142,431.70</u>	<u>210,205.00</u>	67.76%
Excess of Revenues over Expenditures	86,920.57	0.00	
<b>CII, Large Landscape, Performance (OWOW)</b>			
Revenues	11,624.03	138,725.00	8.38%
Expenses	<u>141,947.45</u>	<u>138,725.00</u>	102.32%
Excess of Revenues over Expenditures	(130,323.42)	0.00	
<b>CA Sprinkler Adjustment Subscription System</b>			
Revenues	35,509.97	34,432.50	103.13%
Expenses	<u>35,436.29</u>	<u>34,432.50</u>	102.92%
Excess of Revenues over Expenditures	73.68	0.00	
<b>Rotating Nozzle</b>			
Revenues	19,548.18	39,000.00	50.12%
Expenses	<u>18,598.22</u>	<u>39,000.00</u>	47.69%
Excess of Revenues over Expenditures	949.96	0.00	
<b>WUE Projects</b>			
Revenues	25,996,416.63	22,766,205.12	114.19%
Expenses	<u>28,486,719.94</u>	<u>22,766,205.12</u>	125.13%
Excess of Revenues over Expenditures	(2,490,303.31)	0.00	
<b>WEROC</b>			
Revenues	289,584.80	283,614.00	102.11%
Expenses	<u>268,655.85</u>	<u>278,613.00</u>	96.43%
Excess of Revenues over Expenditures	20,928.95	5,001.00	
<b>RPOI Distributions</b>			
Revenues	4,823.00	4,823.00	100.00%
Expenses	<u>4,823.00</u>	<u>4,823.00</u>	100.00%
Excess of Revenues over Expenditures	0.00	0.00	



## Memorandum

**DATE:** August 10, 2016

**TO:** Administrative & Finance Committee  
(Directors Thomas, Finnegan, Osborne)

**FROM:** Robert Hunter

**SUBJECT:** Quarter ending June 2016 Financials Actual versus Budget

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The following UNAUDITED DRAFT reports are attached and subject to change pending our year-end closing:

- Revenues and Expenditures Actual versus Budget for the General Fund
- Revenues and Expenditures Actual versus Budget Detailed Comparative Report for the General Fund
- Revenues and Expenditures Actual versus Budget for Water Funds
- Revenues and Expenditures Actual versus Budget for Other Funds
- Revenues and Expenditures Actual versus Budget for the Water Use Efficiency Projects

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Revenues and Expenditures Actual versus Budget Summary Report  
Fiscal Year to Date ending June 2016 (Unaudited)  
( \$000 Omitted )  
General Fund and Reserve Fund

GENERAL FUND

	<u>YTD Actual</u>	<u>Annual Budget</u>	<u>% Used</u>
<u>REVENUES</u>			
Water Rate revenues:			
Retail connection fees	6,687	6,687	100.0%
Subtotal	6,687	6,687	100.0%
Other Revenues:			
Interest income <sup>(1)</sup>	142	118	120.8%
Choice Programs	1,360	1,546	88.0%
School Contracts	92	70	131.0%
Other income <sup>(2)</sup>	161	3	5360.8%
Transfer to Reserve	0	(64)	0.0%
Subtotal	1,755	1,672	104.9%
<b>TOTAL REVENUES</b>	<b>8,442</b>	<b>8,360</b>	<b>101.0%</b>
<u>EXPENSES</u>			
Personal Expenses (incl. Dir.)	4,244	4,735	89.6%
Professional services <sup>(3)</sup>	1,283	1,565	82.0%
Outside engineering	286	300	95.3%
Legal expense <sup>(4)</sup>	163	355	45.9%
Travel & Conference	85	113	74.8%
Dues and memberships	135	144	94.2%
General & Admin expense	621	742	83.7%
Building Repair & Maintenance	401	400	100.2%
Capital acquisition (not including building repairs) <sup>(5)</sup>	33	6	548.0%
<b>TOTAL EXPENSES</b>	<b>7,249</b>	<b>8,360</b>	<b>86.7%</b>
<b>EXCESS OF REVENUES OVER EXPENSES</b>	<b>1,192</b>		

RESERVE FUND

Beginning Balance	3,483
Nov 2015 - excess from FY 14-15 General Fund	1,207
Net OPEB Asset	93
<b>TOTAL RESERVE FUND</b>	<b>4,783</b>

(1) Interest Income is higher due to earning higher yields and investing with OCIP.

(2) Other Income from Open Meetings Act/Brown Act Reform and pension reimbursement.

(3) Professional Services: Financial Consulting and Public Affairs actuals are less due to changing needs.

(4) The lower legal expenses are associated with fewer legal issues and bipartisan cost control efforts.

(5) Purchased new copier versus leasing for a cost savings.

Municipal Water District of Orange County  
Revenues and Expenditures Actual vs Budget Line Item Report  
Fiscal Year to Date ending June 2016 (Unaudited)  
General Fund

	YTD ACTUAL	ANNUAL BUDGET	% Used
REVENUES			
Retail Connection Charge	6,686,660	6,687,322	99.99%
Water rate revenues	6,686,660	6,687,322	99.99%
Choice Programs	1,360,156	1,302,619	104.42%
Choice Prior Year Carry Over	0	243,338	0.00%
Interest Revenue	142,208	117,675	120.85%
Miscellaneous Income	160,824	3,000	5360.78%
School Contracts	91,670	70,000	130.96%
Gain on Sale of Investment	14	0	0.00%
Transfer to Reserve	0	(64,424)	0.00%
Other revenues	1,754,871	1,672,208	104.94%
TOTAL REVENUES	8,441,531	8,359,530	100.98%

OPERATING EXPENSES			
Salaries & Wages	2,919,105	3,309,949	88.19%
less Recovery from Grants	(22,571)	(23,500)	96.05%
Directors' Compensation	191,426	220,588	86.78%
MWD Representation	117,834	126,050	93.48%
Employee Benefits	815,203	863,069	94.45%
less Recovery from Grants	(5,785)	0	0.00%
OPEB Annual Contribution	107,332	105,188	102.04%
Directors Benefits	68,227	60,024	113.67%
Health Insurances for Retirees	48,237	50,387	95.73%
Training Expense	3,353	18,000	18.63%
Tuition Reimbursement	0	5,000	0.00%
Temporary Help Expense	1,260	0	0.00%
Personnel Expenses	4,243,621	4,734,755	89.63%
Engineering Expense	285,864	300,000	95.29%
Legal Expense	162,779	355,000	45.85%
Audit Expense	20,600	23,000	89.57%
Professional Services	1,262,061	1,541,837	81.85%
Professional Fees	1,731,304	2,219,837	77.99%
Conference-Staff	13,826	19,450	71.08%
Conference-Directors	10,109	9,800	103.15%
Travel & Accom.-Staff	43,453	56,510	76.89%
Travel & Accom.-Directors	17,371	27,600	62.94%
Travel & Conference	84,759	113,360	74.77%
Membership/Sponsorship	95,689	103,961	92.04%
CDR Support	39,740	39,740	100.00%
Dues & Memberships	135,429	143,701	94.24%

Municipal Water District of Orange County  
Revenues and Expenditures Actual vs Budget Line Item Report  
Fiscal Year to Date ending June 2016 (Unaudited)  
General Fund

	YTD ACTUAL	ANNUAL BUDGET	% Used
Business Expense	5,014	6,800	73.73%
Maintenance Office	90,970	126,670	71.82%
Building Repair & Maintenance	11,196	11,000	101.78%
Storage Rental & Equipment Lease	14,870	19,000	78.26%
Office Supplies	32,153	29,400	109.36%
Postage/Mail Delivery	14,352	11,285	127.18%
Subscriptions & Books	569	2,060	27.63%
Reproduction Expense	11,635	70,010	16.62%
Maintenance-Computers	5,606	7,100	78.95%
Software Purchase	15,537	18,500	83.98%
Software Support	32,561	34,000	95.77%
Computers and Equipment	16,131	17,550	91.92%
Automotive Expense	15,974	13,500	118.32%
Toll Road Charges	846	1,275	66.39%
Insurance Expense	100,016	96,000	104.18%
Utilities - Telephone	18,757	19,250	97.44%
Bank Fees	10,533	17,900	58.84%
Miscellaneous Expense	70,243	98,770	71.12%
MWDOC's Contribution To WEROC	141,807	141,807	100.00%
Depreciation Expense	11,977	0	0.00%
MWDOC Building Expense	400,732	400,000	100.18%
Capital Acquisition	32,878	6,000	0.00%
Other Expenses	1,054,357	1,147,877	91.85%
TOTAL EXPENSES	7,249,469	8,359,530	86.72%
EXCESS OF REVENUES OVER EXPENSES	1,192,062	0	

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Statement of Revenues and Expenditures  
Fiscal Year to Date ending June 2016 (Unaudited)  
Water Funds

	<u>YTD Actual</u>	<u>Annual Budget</u>	<u>Balance</u>
<b><u>Water Revenues</u></b>			
Water Sales	128,391,331	139,025,078	(10,633,747)
Ready to Serve Charge	12,939,661	13,214,277	(274,616)
Capacity Charge Flat Rate	4,627,125	4,424,460	202,665
SCP Surcharge	252,518	380,000	(127,482)
Interest	<u>5,461</u>	<u>2,900</u>	<u>2,561</u>
Total Water Revenues	<u>146,216,097</u>	<u>157,046,715</u>	<u>(10,830,618)</u>
<b><u>Water Purchases</u></b>			
Water Sales	128,391,331	139,025,078	(10,633,747)
Ready to Serve Charge	12,939,661	13,214,277	(274,616)
Capacity Charge	4,627,125	4,424,460	202,665
SCP Surcharge	<u>252,518</u>	<u>380,000</u>	<u>(127,482)</u>
Total Water Purchases	<u>146,210,635</u>	<u>157,043,815</u>	<u>(10,833,180)</u>
EXCESS OF REVENUES OVER EXPENDITURES	<u>5,461</u>	<u>2,900</u>	<u>2,561</u>



MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Revenues and Expenditures Actual versus Budget  
Fiscal Year to Date ending June 2016 (Unaudited)  
Other Funds

	<u>YTD Actual</u>	<u>Annual Budget</u>	<u>Balance</u>
<b><u>WEROC</u></b>			
Revenues	289,585	283,614	5,971
Expenditures	268,656	278,613	(9,957)
Excess of Revenues over Expenditures	20,929	5,001	15,928
<b><u>WUE Projects (details on next page)</u></b>			
Revenues	25,996,417	22,766,205	3,230,212
Expenditures	28,486,720	22,766,205	5,720,515
Excess of Revenues over Expenditures	(2,490,303)	0	(2,490,303)
<b><u>RPOI Distribution</u></b>			
Revenues	4,823	4,823	-
Expenditures	4,823	4,823	-
Excess of Revenues over Expenditures	0	0	0

Footnote:

- 1) The excess of expense over revenue is waiting for reimbursement.
- 2) USBR (Federal) Grant is billed in October and April with funds being received one month later.
- 3) DWR is billed quarterly to county and takes a few months to a year to receive funds.

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Revenues and Expenditures Actual versus Budget  
Fiscal Year to Date ending June 2016 (Unaudited)  
Water Use Efficiency Projects

	<u>Actual</u>	<u>Variance</u> <u>%</u>	<u>Fiscal Year</u> <u>Budget</u>	<u>% of</u> <u>Budget</u>	<u>Projected</u> <u>Final</u> <u>FY Budget</u>
<b><u>Landscape Performance Certification</u></b>					
Revenues	43,858		118,900	36.89%	118,900
Expenditures	<u>61,675</u>		<u>118,900</u>	51.87%	<u>118,900</u>
Excess of Revenues over Expenditures	(17,817)	-41%	0		

Actual Variance: MET reporting is every two months.

Budget Variance: Actual is less than Budgeted due to the program halting in order to distribute a new RFP.

<b><u>Industrial Water Use Reduction</u></b>					
Revenues	167,758		91,236	183.87%	91,236
Expenditures	<u>167,762</u>		<u>91,236</u>	183.88%	<u>91,236</u>
Excess of Revenues over Expenditures	(5)	0%	0		

Actual Variance: No comment needed.

Budget Variance: Large projects were completed ahead of schedule.

<b><u>Spray to Drip Conversion</u></b>					
Revenues	130,862		57,110	229.14%	57,110
Expenditures	<u>137,363</u>		<u>57,110</u>	240.53%	<u>57,110</u>
Excess of Revenues over Expenditures	(6,501)	-5%	0		

Actual Variance: No comment needed.

Budget Variance: Program more successful than originally budgeted for.

<b><u>Water Smart Landscape for Public Property</u></b>					
Revenues	1,069,659		137,871	775.84%	137,871
Expenditures	<u>1,160,645</u>		<u>137,871</u>	841.83%	<u>137,871</u>
Excess of Revenues over Expenditures	(90,986)	-9%	0		

Actual Variance: Billed to invoice granting agency (DWR).

Budget Variance: Expenses incurred all at once, rather than over several fiscal years.

Notes:

[1] Variance from Revenues to Expenses. When greater than 5%, an explanation is provided.

[2] Fiscal year budget versus Actual

[3] With each quarterly report the projected fiscal year end budget may be re-adjusted.

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Revenues and Expenditures Actual versus Budget  
Fiscal Year to Date ending June 2016 (Unaudited)  
Water Use Efficiency Projects

	<u>Actual</u>	<u>Variance</u> <u>%</u>	<u>Fiscal Year</u> <u>Budget</u>	<u>% of</u> <u>Budget</u>	<u>Projected</u> <u>Final</u> <u>FY Budget</u>
<b><u>Member Agency Administered Pass thru</u></b>					
Revenues	92,935		627,000	14.82%	627,000
Expenditures	92,935		627,000	14.82%	627,000
Excess of Revenues over Expenditures	0	0%	0		

Actual Variance: No comment needed.

Budget Variance: Expected level of Member Agency programs have not materialized.

**ULFT Rebate Program**

Revenues	312,789		658,000	47.54%	658,000
Expenditures	379,042		658,000	57.61%	658,000
Excess of Revenues over Expenditures	(66,254)	-21%	0		

Actual Variance: MET invoice comes before the invoicing to Agencies.

Budget Variance: Pass-thru from MET to Agencies.

**HECW Rebate Program**

Revenues	406,238		696,000	58.37%	696,000
Expenditures	407,088		696,000	58.49%	696,000
Excess of Revenues over Expenditures	(850)	0%	0		

Actual Variance: No comment needed.

Budget Variance: Pass-thru program.

**CII Rebate Program**

Revenues	468,915		509,000	92.12%	509,000
Expenditures	478,951		509,000	94.10%	509,000
Excess of Revenues over Expenditures	(10,036)	-2%	0		

Actual Variance: No comment needed.

Budget Variance: No comment needed.

Notes:

[1] Variance from Revenues to Expenses. When greater than 5%, an explanation is provided.

[2] Fiscal year budget versus Actual

[3] With each quarterly report the projected fiscal year end budget may be re-adjusted.

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Revenues and Expenditures Actual versus Budget  
Fiscal Year to Date ending June 2016 (Unaudited)  
Water Use Efficiency Projects

	<u>Actual</u>	<u>Variance</u> <u>%</u>	<u>Fiscal Year</u> <u>Budget</u>	<u>% of</u> <u>Budget</u>	<u>Projected</u> <u>Final</u> <u>FY Budget</u>
<b><u>Large Landscape Survey</u></b>					
Revenues	17,081		85,000	20.09%	85,000
Expenditures	<u>13,329</u>		<u>85,000</u>	15.68%	<u>85,000</u>
Excess of Revenues over Expenditures	3,752	22%	0		

Actual Variance: No comment needed.

Budget Variance: Mid-year we stopped having MET pay for surveys when grant funding became available.

<b><u>Indoor-Outdoor Survey</u></b>					
Revenues	4,906		6,800	72.14%	6,800
Expenditures	<u>21</u>		<u>6,800</u>	0.32%	<u>6,800</u>
Excess of Revenues over Expenditures	4,884	100%	0		

Actual Variance: These funds are collected from MET and will be used at a later date for installation verification services.

Budget Variance: Expenditures will materialize later.

<b><u>Turf Removal Program</u></b>					
Revenues	22,899,796		19,075,000	120.05%	19,075,000
Expenditures	<u>25,114,750</u>		<u>19,075,000</u>	131.66%	<u>19,075,000</u>
Excess of Revenues over Expenditures	(2,214,954)	-10%	0		

Actual Variance: Invoice MET after expenditures.

Budget Variance: No comment needed.

<b><u>Comprehensive Landscape (CLWUE)</u></b>					
Revenues	85,586		281,926	30.36%	281,926
Expenditures	<u>134,743</u>		<u>281,926</u>	47.79%	<u>281,926</u>
Excess of Revenues over Expenditures	(49,157)	-57%	0		

Actual Variance: Expenditures incurred before revenues are collected.

Budget Variance: Program activity slow to materialize.

Notes:

[1] Variance from Revenues to Expenses. When greater than 5%, an explanation is provided.

[2] Fiscal year budget versus Actual

[3] With each quarterly report the projected fiscal year end budget may be re-adjusted.

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Revenues and Expenditures Actual versus Budget  
Fiscal Year to Date ending June 2016 (Unaudited)  
Water Use Efficiency Projects

	<u>Actual</u>	<u>Variance</u> <u>%</u>	<u>Fiscal Year</u> <u>Budget</u>	<u>% of</u> <u>Budget</u>	<u>Projected</u> <u>Final</u> <u>FY Budget</u>
<b><u>Home Certification and Rebate</u></b>					
Revenues	229,352		210,205	109.11%	210,205
Expenditures	<u>142,432</u>		<u>210,205</u>	67.76%	<u>210,205</u>
Excess of Revenues over Expenditures	86,921	38%	0		

Actual Variance: Revenue request from Grants are submitted bi-annually in October and April.

Budget Variance: MET is slow to report numbers.

<b><u>CII, Large Landscape, Performance (OWOW)</u></b>					
Revenues	11,624		138,725	8.38%	138,725
Expenditures	<u>141,947</u>		<u>138,725</u>	102.32%	<u>138,725</u>
Excess of Revenues over Expenditures	(130,323)	-1121%	0		

Actual Variance: Granting agency (DWR) slow to pay on invoices submitted to them.

Budget Variance: No comment needed.

<b><u>CA Sprinkler Adjustment Subscriptions System</u></b>					
Revenues	35,510		34,433	103.13%	34,433
Expenditures	<u>35,436</u>		<u>34,433</u>	102.92%	<u>34,433</u>
Excess of Revenues over Expenditures	74	0%	0		

Actual Variance: No comment needed.

Budget Variance: No comment needed.

<b><u>Rotating Nozzle</u></b>					
Revenues	19,548		39,000	50.12%	39,000
Expenditures	<u>18,598</u>		<u>39,000</u>	47.69%	<u>39,000</u>
Excess of Revenues over Expenditures	950	5%	0		

Actual Variance: No comment needed.

Budget Variance: Higher level of Grant funds were expected to be utilized.

Notes:

[1] Variance from Revenues to Expenses. When greater than 5%, an explanation is provided.

[2] Fiscal year budget versus Actual

[3] With each quarterly report the projected fiscal year end budget may be re-adjusted.





**DISCUSSION ITEM**

August 10, 2016

**TO: Administration & Finance Committee  
(Directors Thomas, Barbre, Finnegan)**

**FROM: Robert Hunter, General Manager**

**Staff Contact: Hilary Chumpitazi, Accounting Manager**

**SUBJECT: REVIEW RESERVE POLICY**

**STAFF RECOMMENDATION**

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Staff recommends the Administration & Finance Committee: Review, discuss, and take action as appropriate.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**DETAILED REPORT**

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In reviewing the Administrative Code Section 2009 (Reserve Policy), it appears that much of that section is now outdated due to the expiration of the Settlement Agreement between MWDOC and its member agencies.

It is recommended that committee review this part of the admin code.

<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>			

# Municipal Water District of Orange County

## RESERVE POLICY

July 2016



## Municipal Water District of Orange County

### STATEMENT OF RESERVE POLICY

This Board is charged with responsibility for providing reliable, high-quality supplies from MWD and other sources to meet present and future needs, at an equitable and economical cost for all of Orange County and for the collection and accumulation of revenues necessary to accomplish these purposes.

#### **POLICY STATEMENT**

A key element of prudent financial planning is to ensure that sufficient funding is available for current operating and capital needs. Additionally, fiscal responsibility requires anticipating the likelihood of, and preparing for, unforeseen events. Municipal Water District of Orange County ("MWDOC" or District) desires to identify and provide a calculation methodology and/or maintained level of all existing and future needs of the District where reserve funds are required and/or necessary. The MWDOC Board of Directors realize the importance of reserves in providing reliable service to its customers, financing building improvement capital projects, election expenses and the funding of emergencies, should they arise. In this context, MWDOC will at all times strive to have sufficient funding available to meet its operating and capital obligations. Funds will be accumulated and maintained to allow MWDOC to fund expenditures in a manner consistent with MWDOC 5-year Fiscal Master Plan and avoid significant rate fluctuations due to changes in cash flow requirements.

The Board may designate specific reserve fund accounts and maintain minimum reserve fund balances consistent with statutory obligations that it has determined to be in the best interest of MWDOC. The Policy directives outlined in this document are intended to ensure MWDOC has sufficient funds to meet current and future needs. The Board will annually review the level of reserve funds. Considerations to continue or the establishment of a new reserve fund will be determined based on the following criteria:

- ◆ Reason for the reserve.
- ◆ Availability and source of funds to continue, replenish or establish the reserve.
- ◆ Operating expenditure levels approved within the annual budget process.
- ◆ Future capital expenditure of the District.
- ◆ Board approval of the reserve policy.

MWDOC recognizes the importance of operating the District with a sound business plan in place that provides for unanticipated/emergency costs should they arise within a budgeted fiscal year.

It is the Board's intent through this Policy to describe how and why specific reserves are established and maintained at MWDOC and to provide MWDOC's member agencies with assurance that reserve balances will be maintained at prudent and fiscally responsible levels.

### **DEFINITIONS**

This Policy describes the reserve funds to be maintained in connection with the General Fund. In general, there are two types of reserve fund classifications:

- I. **RESTRICTED FUNDS:** Restrictions on the use of these funds are imposed by an outside source such as creditors, grantors, contributors, laws, or regulations governing use. These funds are specifically governed by a written contract with MWDOC.
- II. **UNRESTRICTED DESIGNATED FUNDS:** These funds have no externally imposed use restrictions. The use of Unrestricted Designated Funds is at the discretion of the MWDOC Board. Unrestricted Designated Funds are designated for a specific purpose, which is determined by the Board. The Board also has the authority to redirect and comingle the use of these funds as the needs of MWDOC change.

The Restricted and Unrestricted funds can further be subdivided into Capital Funds and Liquidity (Operating) Funds. The Capital Funds are designated for specific purposes and utilized primarily to fund capital and asset replacement costs. The Liquidity Funds are established to safeguard MWDOC's financial viability and stability and are funded from accumulated revenues.

## **GENERAL PROVISIONS**

MWDOC will maintain its operating and capital funds in designated accounts in a manner that ensures its financial soundness and provides transparency to its customers. The fund balances are considered the minimum necessary to maintain MWDOC's fiscal strength and flexibility and adequately provide for:

- ◆ Compliance with applicable statutory requirements.
- ◆ Financing of future capital projects and repair and replacement of existing assets.
- ◆ Cash flow requirements.
- ◆ Economic uncertainties, local disasters, and other financial hardships or downturns in the local or national economy.
- ◆ Contingencies or unforeseen operating or capital needs.

MWDOC has established and will maintain the reserve funds outlined in the following sections. A principal tenet of MWDOC's Reserve Fund Policy shall be the crediting of interest income to specific funds. Unless otherwise stated in this Reserve Fund Policy, interest derived from reserve balances will be credited to the reserve account from which it was earned. Fund balances will be reviewed by the Accounting Manager on a monthly basis, as well as annually during the budget review process in order to determine how reserve fund balances compare with the budgeted projections and how they measure against the goals outlined in this Policy.

The minimum established for each reserve fund represents the baseline financial condition that is acceptable to MWDOC from risk and long-range financial planning perspectives. Maintaining reserve funds at appropriate levels is a prudent, ongoing business process that consists of an iterative, dynamic assessment and application of various funding alternatives. These alternatives (either alone or in combination with each other) include, but are not limited to: rates, grants, investment of funds, and levels of capital expenditures.

The Board shall approve any reallocation of funds or any transfers among reserve funds.

## **SPECIFIC PROVISIONS**

MWDOC will maintain the following reserve funds and respective target levels:

## **1. Restricted Reserves**

### **a) Other Post Employment Benefit Reserve**

Reserve for "Other Post-Employment Benefits" - Government Accounting Standards Board Statement 45 ("GASB 45") Other Post-Employment Benefits ("OPEB") states that government agencies which offer post-employment benefits, *other* than pensions, must have an actuarial valuation performed to determine that liability. The OPEB which the District provides are retiree medical health benefits to eligible retirees. To be eligible for retiree medical benefits, an employee must be at age 55 and have completed 10 years of full-time service with the district. There are enhanced benefits for employees that have completed 25 consecutive years of service. Employees hired on or after July 1, 2012 will be ineligible.

Effective October 1, 2011 the district established an irrevocable Section 115 trust through the Public Agencies Retirement Services ("PARS"), trustee by Union Bank, for the pre-funding of retiree healthcare benefits. As of July 1, 2014 the PARS Trust had a value of \$1,116,390. Staff examined the demographics of MWDOC's OPEB liability and estimated that the bulk of the liability will occur by 2023 as long term MWDOC employees who had access to lifetime medical coverage retire. The board has approved an annual contribution of \$155,575 to be paid each year until MWDOC has fully funded the actuarial liability of \$2,453,585 for the District-paid retiree benefits. The actual pay-off time will be less than ten years but will vary slightly as a new actuarial valuation is performed every two years (per GASB 75 effective FY 2017-18). At the end of each fiscal year, the Board may determine additional contributions to the OPEB reserves. Sources of funds will be the District's rates, charges or any of the reserve accounts.

### **b) Tier Two Contingency Fund**

MET has a tiered rate structure, wherein Tier 1 rates apply to a specified annual volume. The higher Tier 2 rates apply to purchases above that specified volume.

1. Creation of Tier Two Contingency Fund: MWDOC has established the Tier Two Contingency fund for the uses and purposes specified herein, as well as other uses as approved by the MWDOC Board. From time to time it may be necessary to increase the level of funds, utilize the funds for the purposes specified herein, or to reduce the level of funds being held by MWDOC. Historically, MWDOC has funded the Tier Two Contingency Fund by assessing a "melded water supply rate" on all firm water sales by increasing the supply rate from that charged by MET by an amount equal to the melded water rate increment.

2. Uses of Tier Two Contingency Fund: Funds deposited into the Tier Two Contingency Fund shall not be expended or transferred except for the following purposes:

(a) Payment of Tier Two Costs: Funds from the Tier Two Contingency Fund may be expended to

pay the difference between MET's Tier One and Tier Two water rates, in the event MWDOC's water purchases from MET exceed the Tier One block of allowable purchases.

(b) Cash Flow Management: Funds from the Tier Two Contingency Fund may be advanced to the General Fund to pay those charges which are imposed on MWDOC by MET, when the revenues designated to pay for such charges are collected by MWDOC over a different period. Advances made for such purposes shall be repaid into the Tier Two Contingency Fund, as the revenues designated to pay such charges are collected by MWDOC.

(c) Rate Stabilization: To the extent funds from the Tier Two Contingency Fund are not immediately needed for the purposes set forth in subsections (a) and (b) hereof, the Board may utilize such funds to purchase water or offset any increase in water rates or charges imposed by MET which would otherwise necessitate an increase in MWDOC's water rate.

3. Maximum and Minimum Fund Targets: The Fund balance will be reviewed from time to time and managed by MWDOC to achieve a calendar year end above the minimum target based on a risk analysis performed by MWDOC staff regarding the likelihood of having to purchase Tier 2 water under various hydrologies and demand situations.

(a) As of January 2015, the MWDOC Board established the Minimum Fund Target at approximately \$1,000,000, due to the diminished likelihood of purchasing MET water above the Tier 1 limit. At the current differential between Tier 1 and Tier 2, the minimum level of funding provides the ability to purchase about 7,500 AF of water.

(b) The Board may consider changes in the Policy of utilizing these funds to pay for the Tier 2 purchases differential based on the circumstances that are involved at such time as MWDOC purchases exceed the Tier 1 limit. The Tier2 Contingency Fund was established within MWDOC to provide a regional mechanism to fund purchases above the Tier 1 limit such that any single MWDOC Member Agency would avoid direct exposure. Also, it avoided the need for MWDOC to allocate a Tier 1 limit to its Member Agencies. Tier 2 purchases can be triggered by a number of events in the County such as large purchases of water into Irvine Lake, large purchases of water for groundwater replenishment and large purchases of imported water due to a decrease in the OCWD Basin Production Percentage (BPP). Based upon how such circumstances arise, the Board may consider changes to this policy if they determine there is a more appropriate manner of dealing with Tier 2 costs. MWDOC's A&F Committee and Board reviewed the issues of Tiered or Melded Water Rates for Tier-1 and Tier-2 purchases from MET in November 2004, and retained the Melded Rate, with a provision for further review should OCWD's BPP fall below 60% in the future.

4. Disposition of Excess Funds: After the conclusion of each calendar year, the General Manager will review the year end Tier 2 Fund Balance (adjusted for certifications of non-firm water purchases)

and report this amount to the Board of Directors. The Board may consider issuing a credit to the member agencies. In the event credits are to be provided, the credit will be provided to each member agency either in check form or as a credit on the monthly water invoice (at the choice of the member agency).

## **2. Unrestricted Reserves**

### **a) General Operations**

Staff proposes that the General District Reserve level be set in July 2016 at \$8 million with a minimum of \$7.5 million and a maximum of \$8.5 million depending upon end of year cash flow, grant payments and other factors influencing the District's cash balance. The \$8 million figure represents 12 months of the District's Operating Expenses, not including building and elections expenses. The projected balance of \$8 million should increase annually with inflation, since the reasons for this reserve are all impacted by inflation. The reserve should be replenished from the MWDOC rates.

### **b) Grant & Project Cash Flow**

The cash flow reserves needs are estimated to be approximately \$1.5 million dollars, based upon actual expense in the last 5 years and projected needs. In the past, trailing payments for District funds advanced for water use efficiency payments from MET and Federal and State grants payments have reached this amount. Given the payment schedule of the Federal grants, the State's financial situation and MET's payment process, we expect the need to remain constant for the next 5 years. The District should review its expenses and upcoming needs for grant cash flow every 5 years, and adjust the needed amount based upon expenses. The reserve should be replenished from trailing grant payments as they occur, and from rates if needed.

### **c) Election Expense**

MWDOC's election reserve shall be managed to fund seven elections every four years. Based on previous election costs we have determined that \$1.04 million (or \$148,000 per division) is sufficient to cover seven elections. This requires that \$260,000 be contributed to the election reserve annually. These estimates will be updated annually as part of the budget process. In the event the election funds are not fully utilized, the Board may consider other uses that would lower the long-term costs of the District.

### **d) Building Repair**

MWDOC purchased its current office in 1991 for \$2.1 million (exclusive of the land). Building Reserves should be kept at a minimum of \$350,000 and adjusted from time to time to reflect the improvement needs of the office facility.

### **3. Additional Reserves**

In addition to the reserves identified above, the Board may approve the creation of such additional accounts, whether temporary or permanent, as the Board deems necessary or appropriate, by amendment to this resolution or by simple motion. In such event, the Board will identify the purposes for which such additional accounts are created, provide guidance as to the amount which the District should endeavor to maintain in each such fund or account, and establish the limits and restrictions pertaining thereto.

### **ANNUAL REPORTS**

Each year the District's General Manager shall provide the Board with a report indicating the beginning and ending balance for each of the reserve funds or accounts created pursuant to this policy and the purposes for which expenditures have been made therefrom, and shall make recommendations to replenish or augment fund or account balances as appropriate.





# Item 4

**Municipal Water District of Orange County**  
**Semi-Annual Comparison for Overtime Hours Worked**  
for the six-month periods ending June 2016 and 2015

Employee	1/1/16 - 6/30/16		1/1/15 - 6/30/15	
	Hours Worked	Dollar Equivalent <sup>(1)</sup>	Hours Worked	Dollar Equivalent <sup>(1)</sup>
Baca, Tiffany	0.00		33.00	
Fahl, Beth	12.75		36.75	
Gunawan, Lina	2.00		11.50	
Baum-Haley, Melissa	0.00		35.50	
Hostert, Kevin	0.00		9.50	
Kanzler, Andrew	46.50		0.00	
Loewen, Laura	25.00		0.00	
Ramirez, Sergio	0.00		8.25	
Snow, Mary	0.00		4.50	
Stock, Brandon	0.00		22.00	
<b>TOTAL</b>	<b>86.25</b>	<b>\$4,579</b>	<b>161.00</b>	<b>\$8,093</b>

(1) Dollar equivalent calculated at 1.5 x hourly rate



Municipal Water District of Orange County  
Director's Activity Report  
Reporting Period from 07/01/15 to 06/30/16

Activity Description	MWDOC Directors							Subtotal	MET Director's				Subtotal	Director's Total
	Thomas	Barbre	Dick	Finnegan	Hinman	Osborne	Tamaribuchi		Barbre	Ackerman	McKenney	Dick		
Per Diem (1)														
MWDOC Committee & Board mtg	19,587	25,779	21,989	15,764	19,849	17,857	15,930	136,754	-	2,508	5,236	1,078	8,822	145,577
MET Committee & Board mtg	467	-	-	-	-	-	-	467	12,721	9,149	12,123	9,699	43,692	44,159
Meetings with Member Agencies	3,366	10,254	2,878	3,471	3,667	555	822	25,013	-	-	-	-	-	25,013
Other Misc meetings & activities	23,074	11,470	18,361	5,448	7,411	9,593	14,740	90,097	19,608	18,946	15,408	15,652	69,613	159,710
Benefit Contribution by Director	-	-	-	(1,251)	(1,251)	-	-	(2,502)	-	-	-	-	-	(2,502)
Subtotal-Per Diem	46,494	47,503	43,228	23,432	29,676	28,005	31,492	249,829	32,329	30,602	32,767	26,429	122,128	371,957
Travel, Conferences & Misc. (2)														
ACWA	745	97	-	-	3,696	1,515	3,607	9,660		124	617		741	10,401
AWWA	-	-	-	-	-	-	-	-		-	-		-	-
CRWUA	-	960	-	-	-	-	-	960		-	-		-	960
CSDA	-	-	-	-	-	-	-	-		-	-		-	-
Bond Buyers Conf	-	(190)	-	-	-	-	-	(190)		-	-		-	(190)
CUWCC	-	-	-	-	-	-	-	-		-	-		-	-
Legislative Activities in Sacramento	-	1,160	-	-	-	-	-	1,160		-	-		-	1,160
Washington DC Legislative Trips	-	8,392	-	-	-	-	-	8,392		-	-		-	8,392
ISDOC	17	85	17	68	-	85	17	289		-	-		-	289
MET Legislative	-	-	-	-	-	-	-	-		-	-		-	-
NWRA	-	-	-	-	-	-	-	-		-	-		-	-
OCWA	-	-	-	-	120	-	-	120		-	-		-	120
Urban Water Coalition	-	-	-	-	-	-	-	-		-	-		-	-
Urban Water Institute	1,582	-	-	-	-	924	1,451	3,957		-	-		-	3,957
So Cal Water Committee	-	-	-	-	70	-	281	351		-	-		-	351
Water Education Foundation	-	-	-	-	-	-	-	-		-	-		-	-
Other Travel Expenses	179	769	60	-	-	-	1,033	2,041		-	80		80	2,121
Mileage	1,601	2,921	1,623	664	2,922	255	1,340	11,326		657	-		657	11,983
Toll Charges	-	-	-	-	530	-	-	530		-	-		-	530
Printer/Computer supplies	-	-	54	97	-	54	-	205		-	-		-	205
Telephone/Fax/Cable	456	-	-	232	413	-	-	1,101		-	-		-	1,101
Subtotal-Travel, Conferences & Misc.	4,580	14,194	1,754	1,061	7,751	2,833	7,728	39,901	-	780	697	-	1,478	41,379
Total	51,074	61,697	44,982	24,493	37,427	30,838	39,220	289,731	32,329	31,383	33,465	26,429	123,605	413,336

(1) Per Diem for MWDOC Directors includes benefits

(2) Includes conference registration, travel, lodging, meals, transportation, mileage and other miscellaneous related costs; does not include Per Diem.

8/4/2016





**INFORMATION ITEM**

August 10, 2016

**TO: Administration & Finance Committee**  
(Directors Thomas, Barbre, Finnegan)

**FROM: Robert Hunter, General Manager**

Staff Contact: Hilary Chumpitazi

**SUBJECT: Individual Charges Disclosure January – December 2015**

**STAFF RECOMMENDATION**

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Staff recommends the Administration & Finance Committee receive and file this information.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**DETAILED REPORT**

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Pursuant to California Government Code Section 53065.5, each special district, as defined by subdivision (a) of Section 56036, shall, at least annually, disclose any reimbursement paid by the district within the immediately preceding fiscal year of at least one hundred dollars (\$100) for each individual charge for services or product received. "Individual Charge" includes, but is not limited to, one meal, lodging for one day, transportation, or a registration fee paid to any employee or member of the governing body of the district. The disclosure requirement shall be fulfilled by including the reimbursement information in a document published or printed at least annually by a date determined by that district and shall be made available for public inspection.

The attached document is our annual disclosure for January through December 2015.

<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>			

**Municipal Water District of Orange County**  
Individual Charges Disclosure  
For the period of 1/1/15 - 12/31/15

INCURRED BY:	POSITION:	VENDOR:	EVENT:	ITEM:	AMOUNT
<b>S. Hinman</b>	Director	S. Hinman	ACWA Spring conference Dana Point, CA to Sacramento, CA - 5/4/15	Transportation	\$ 249.61
			ACWA Spring conference Sacramento, CA to Dana Point, CA - 5/8/15	Transportation	\$ 249.61
		<b>S. Hinman Total:</b>			<b>\$ 499.22</b>
<b>L. McKenney</b>	Director	Southwest	ACWA Region 10 meeting Sacramento, CA - 5/28/15	Airfare	\$ 137.75
			ACWA Region 10 meeting Sacramento, CA - 5/28/15	Accommodations	\$ 131.32
		The Citizen Hotel	ACWA Region 10 meeting Sacramento, CA - 5/28/15	Airfare	\$ 137.75
			ACWA Region 10 meeting Sacramento, CA - 5/29/15	Airfare	\$ 116.51
		Southwest	ACWA Region 10 meeting Sacramento, CA - 7/30/15	Accommodations	\$ 216.15
			ACWA Region 10 meeting Sacramento, CA - 7/30/15	Airfare	\$ 166.49
		<b>L. McKenney Total:</b>			<b>\$ 905.97</b>
<b>H. Baez</b>	Government Affairs Manager	Staples	DC Legislative luncheon 2/16/15	Poster printing costs	\$ 215.99
			DC Legislative luncheon Washington, DC - 2/18/15	Accommodations	\$ 201.41
		<b>H. Baez Total:</b>			<b>\$ 417.40</b>
<b>M. Baum-Haley</b>	WUE Program Specialist	Alaska Airlines	AWWA Conference Portland, OR - 3/14/15	Airfare	\$ 148.10
			AWWA Conference Portland, OR - 3/15/15	Accommodations	\$ 170.61
		Marriott	AWWA Conference Portland, OR - 3/17/15	Airfare	\$ 140.60
			AWWA Conference Portland, OR - 3/17/15		
		<b>M Baum-Haley Total:</b>			<b>\$ 459.31</b>

**Municipal Water District of Orange County**  
Individual Charges Disclosure  
For the period of 1/1/15 - 12/31/15

INCURRED BY:	POSITION:	VENDOR:	EVENT:	ITEM:	AMOUNT
J. Berg	WUE Program Manager	Southwest	CUWCC Governance & Finance committee meeting Sacramento, CA - 8/5/15	Airfare	\$ 506.00
		Southwest	SWRCB Emergency Regulations meeting Sacramento, CA - 11/13/15	Airfare	\$ 459.46
		Southwest	CUWCC Board & Strategic Planning meeting Sacramento, CA - 11/18/15	Airfare	\$ 215.48
		Budget	CUWCC Board & Strategic Planning meeting Sacramento, CA - 11/18/15	Car Rental	\$ 100.93
		Budget	CUWCC Board & Strategic Planning meeting Sacramento, CA - 11/19/15	Car Rental	\$ 100.93
		Budget	CUWCC Board & Strategic Planning meeting Sacramento, CA - 11/20/15	Car Rental	\$ 100.92
		Southwest	CUWCC Board & Strategic Planning meeting Sacramento, CA - 11/20/15	Airfare	\$ 215.48
				<b>J. Berg Total:</b>	<b>\$ 1,699.20</b>
H. Chumpitazi	Accounting Manager	Cypress College	Government Accounting class Cypress, CA - 1/22/15	Registration	\$ 164.50
		Amazon.com	Government Accounting class 1/25/15	Book	\$ 233.02
				<b>H. Chumpitazi Total:</b>	<b>\$ 397.52</b>
H. De La Torre	Assistant General Manager	Renaissance Hotel	ACWA Fall conference San Diego, CA - 12/1/15	Accommodations	\$ 211.97
		Renaissance Hotel	ACWA Fall conference San Diego, CA - 12/2/15	Accommodations	\$ 211.97
		Renaissance Hotel	ACWA Fall conference San Diego, CA - 12/3/15	Accommodations	\$ 211.97
				<b>H. De La Torre Total:</b>	<b>\$ 635.91</b>

Municipal Water District of Orange County  
Individual Charges Disclosure  
For the period of 1/1/15 - 12/31/15

INCURRED BY:	POSITION:	VENDOR:	EVENT:	ITEM:	AMOUNT:
K. Hubbard	WEROC Program Manager	Hotel Murano	PIEPC conference Tacoma, WA - 4/13/15	Accommodations	\$ 125.22
			PIEPC conference Tacoma, WA - 4/14/15	Accommodations	\$ 125.22
			PIEPC conference Tacoma, WA - 4/15/15	Accommodations	\$ 125.22
		Southwest	Lake County Fire	Airfare	\$ 231.00
			Sacramento, CA - 9/18/15	Airfare	\$ 231.00
			Lake County Fire		
		Sacramento, CA - 9/21/15	K. Hubbard Total: \$ 837.66		
B. Stock	WEROC Coordinator	B. Stock	MGT 342 training Santa, CA to San Diego, CA - 4/2/15	Transportation	\$ 105.23
			B. Stock Total: \$ 105.23		
J. Volzke	Public Affairs Manager	Renaissance Hotel	ACWA Fall conference San Diego, CA - 12/1/15	Accommodations	\$ 211.97
			ACWA Fall conference San Diego, CA - 12/2/15	Accommodations	\$ 211.97
			ACWA Fall conference San Diego, CA - 12/3/15	Accommodations	\$ 211.97
		J. Volzke Total: \$ 635.91			
		Grand Total \$ 6,593.33			





**Administration Activities Report  
July 8, 2016 to August 4, 2016**

Activity	Summary
<b>Administration/Board</b>	<ul style="list-style-type: none"> <li>• Maribeth has been scheduling meetings for Rob Hunter and other various meetings of the Board members.</li> <li>• Maribeth has been assisting Rob/Karl with various write ups and follow-up for the Committees and Board, as well as a couple of comprehensive research projects.</li> <li>• Maribeth reapplied for the Transparency of Excellence award and is currently awaiting a response (the District was notified that a response will be made in August).</li> <li>• Maribeth is orchestrating updates to the Open. Government Portal and recommending changes/updates.</li> <li>• Maribeth continues to send the Water Supply Reports to the member agencies.</li> <li>• Maribeth has been collected records and responding to two Public Records Act requests</li> <li>• Maribeth met with Cathy/Rob regarding procedures for Public Records Act requests, and developed a check-list and procedures for staff</li> <li>• Maribeth met with Karl/Cathy/Rob regarding the draft Contracts Manual and will be finalizing the procedures manual soon</li> <li>• Pat has been scheduling meetings for Rob, Karl, Keith and Harvey, MET Directors' luncheon meeting, OC MET Managers, and ordering lunches for several meetings.</li> <li>• Pat proofed and formatted letters for Rob, Karl, Joe, Heather and Keith.</li> <li>• Pat registered staff and board members for conferences and events; scheduled travel for ACWA Federal Affairs and Legislative Committees; CCEEB, CUWCC; CAL Desal and other misc. travel and/or workshops, which includes preparation of purchase requisitions and back-up.</li> <li>• Pat spent a week training on front desk duties: phones, guests, emergencies, etc. to be prepared to be a back-up.</li> <li>• Pat prepared a number of annual consultant agreements and change orders for rate increases for legal, special counsel, MET issues, strategic issues, State legislative advocacy, and Federal legislative advocacy. Also prepared purchase requisitions for all of these.</li> </ul>
<b>MWDOC/OCWD Joint Administration</b>	<ul style="list-style-type: none"> <li>• Cathy coordinated with OCWD and the design firm on ordering logos for the main receptionist lobby to be installed the week of the August 8<sup>th</sup>.</li> </ul>

<b>Health Benefits</b>	<ul style="list-style-type: none"> <li>Health plan information for 2017 from ACWA/JPIA was received and is being reviewed. A 12% increase was imposed by JPIA, with JPIA also cushioning the increase by applying funds from their reserve funds. A complete update will be provided once all plan information has been reviewed.</li> <li>The dental rates increased by 4%.</li> <li>Vision rates remain unchanged.</li> </ul>
<b>Records Management</b>	<ul style="list-style-type: none"> <li>Sarah participated in a conference call with Dianne Gladwell, Records Management Consultant and Rob, Cathy, Katie, and Jeff regarding records management goals, objectives and implementation of tasks associated with proposal.</li> <li>Sarah participated in the department meetings with Dianne Gladwell to revise the District's record retention schedule.</li> <li>Sarah purged 7 boxes of old reports from the Library.</li> <li>Sarah deleted old/unnecessary e-mails from outlook folders.</li> <li>Sarah trained Andrew and Colin on Laserfiche.</li> <li>Sarah received 6 boxes of Turf Program files from Accounting and is preparing them for storage (on-site, in boxes).</li> <li>Sarah quality checked and archived documents scanned by Leah &amp; Pari.</li> <li>Sarah filled in for Leah while she was on vacation.</li> <li>Katie organized an initial review of the records retention schedule, by department, with the Gladwell Consulting held on July 22 and August 11. Two departments still need to meet with the consultant to review department document flow. It is anticipated that the Records Retention Schedule will be presented to the Board for review in September/October timeframe.</li> </ul>
<b>CalPERS</b>	No information to report.
<b>Agency Inquiries</b>	Staff responded to the following agencies: No information to report.
<b>Recruitment /Departures</b>	<ul style="list-style-type: none"> <li>Recruitment for Principal Engineer position is being finalized, with a candidate selected.</li> <li>Cathy and Katie are currently assisting the WUE department in finalizing a recruitment flyer for the WUE Specialist position which will be posted by 8/5/16.</li> <li>HR and the General Manager are developing a recruitment flyer for the Director of Public Affairs position.</li> <li>The WEROC Coordinator position has been posted and applications are currently being accepted.</li> </ul>
<b>Other</b>	
<b>Projects and Activities</b>	<ul style="list-style-type: none"> <li>Performance Evaluations are being completed and merit increases were granted, effective July 4<sup>th</sup>.</li> <li>MWDOC Staff Meeting was held on July 28<sup>th</sup>.</li> </ul>

**INFORMATION ITEM**

August 10, 2016

**TO:** Administration & Finance Committee  
(Directors Thomas, Barbre, Finnegan)

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

Staff Contact: Jeff Stalvey

**SUBJECT:** Finance and IT Pending Items Report

**SUMMARY**

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The following list details the status of special projects that are in-progress or to be completed during FY 2016-17. Highlighted items reflect updates from last month.

Description	% of Completion	Estimated Completion date	Status
<b><u>Finance</u></b>			
Further Implementation of WUE Landscape Programs Databases and Web Site.	On-going	On-going	In Progress
Government Compensation in California Report 2016	<b>0%</b>	03-30-17	Not Started
State Controller Report preparation FY15-16	<b>0%</b>	11-30-16	Not Started
State Tax filing for Water Facilities FY15-16	<b>0%</b>	11-30-16	Not Started
Fiscal Year 2015/16 Annual Audit by Vavrinek, Trine, Day & Company	<b>50%</b>	10-08-16	Final Audit – week of September 19th
Annual Financial Statement Report FY15-16	<b>0%</b>	10-08-16	Not Started
Preparation of documents for FY17-18 budget process.	<b>0%</b>	5-31-17	Not Started
2016 W-9 collection for water rebates. Currently holding 1 April and 1 May rebate check. June checks are 12 held out of 652 awaiting completed W-9's.	<b>98%</b>	On-going	In Progress

<b><u>Information Technology</u></b>			
Network security issues (hackers, viruses and spam emails)	On-going	On-going	Continuous system monitoring
Get quotes and have Fire Suppression system installed in server room	<b>10%</b>	6/30/17	In Progress
Upgrade Server software for Data Server.	<b>50%</b>	3/31/17	In Progress
Upgrade and deploy new Backup software with Cloud backup.	<b>50%</b>	3/31/17	In Progress
Upgrade District Firewall.	<b>10%</b>	6/30/17	In Progress
Upgrade Record Management Server and Storage Area Network, scanners.	<b>10%</b>	3/31/17	In Progress
Continue to upgrade computers and monitors for Staff.	<b>10%</b>	3/31/17	In Progress
Purchase and install enclosed Server Racks.	<b>0%</b>	6/30/17	Not Started
Upgrade HR ABRA Server (software)	<b>50%</b>	3/31/17	In Progress

Description	% of Completion	Estimated Completion date	Status
<b><u>FY 2016-17 Completed Special Tasks</u></b>			
<b><u>Finance</u></b>			
<b><u>Information Technology</u></b>			
Upgrade Exchange E-mail Server to the latest version	<b>100%</b>	6/30/16	Completed
Upgrade District Desktop Computers to Windows 10	<b>100%</b>	6/30/16	Completed





**INFORMATION ITEM**

August 10, 2016

**TO:**           **Administration & Finance Committee**  
(Directors Thomas, Osborne, Finnegan)

**FROM:**       Robert Hunter, General Manager

Staff Contact: Kevin Hostert

**SUBJECT:   Monthly Water Usage Data, Tier 2 Projection, and Water Supply Info.**

**STAFF RECOMMENDATION**

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Staff recommends the Administration & Finance Committee receive and file this information.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**REPORT**

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The attached figures show the recent trend of water consumption in Orange County (OC), an estimate of Tier 2 volume for MWDOC, and selected water supply information.

- Fig. 1    OC Water Usage, Monthly by Supply   OCWD Groundwater water was the main supply in June.
- Fig. 2    OC Water Usage, Monthly, Comparison to Previous Years   Water usage in June 2016 was low compared to the last 5 years with the exception of June 2015. Lower usage is primarily due to strong conservation efforts and mandatory restrictions set by the Governor for the period of June 2015 to May 2016. In June 2016 all water conservation became voluntary for MWDOC agencies.
- Fig. 3    Historical OC Water Consumption   OC water consumption is projected to be 494,000 AF in FY 2015-16 (*this includes ~15 TAF of agricultural usage and non-retail water agency usage*). This is about 71,000 AF less than FY 2014-15 and is about 121,000 AF less than FY 2013-14. Water usage per person is projected to be was the lowest it has been for Orange County at 140 gallons per day (This includes recycled water). Although OC population has increased 20% over the past two decades, water usage has not increased, on average.

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

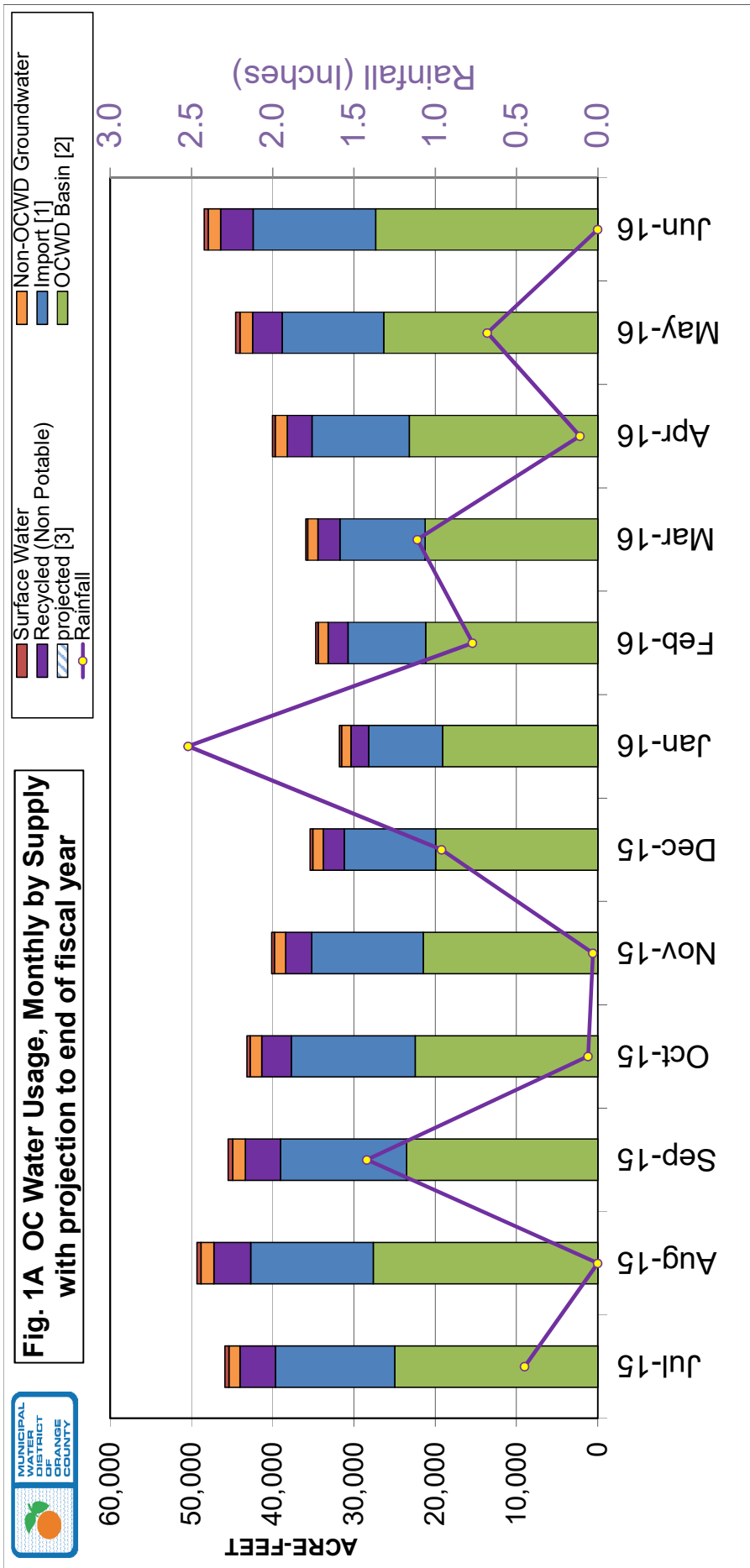
A long-term decrease in per-capita water usage is attributed mostly to Water Use Efficiency (water conservation) efforts.

- Fig. 4 MWDOC “Firm” Water Purchases, 2016 “Firm” water above the Tier 1 limit will be charged at the higher Tier 2 rate. Our current projection of Tier 2 purchases is zero in 2016.

Water Supply Information Includes data on: Rainfall in OC; the OCWD Basin overdraft; Northern California and Colorado River Basin hydrologic data; the State Water Project (SWP) Allocation, and regional storage volumes. The data has implications for the magnitude of supplies from the three watersheds that are the principal sources of water for OC. Note that a hydrologic year is Oct. 1<sup>st</sup> through Sept. 30<sup>th</sup>.

- Orange County’s accumulated rainfall through July was well below average for this period. This continues the impact of the previous four hydrologic years’ below-normal rainfall in reducing those local supplies that are derived from local runoff. El Nino conditions have diminished and NOAA is predicted a moderate chance of La Nina for next winter (La Nina is generally associated with cool dry winters in Southern California).
- Northern California accumulated precipitation in July was around 119% of normal for this period. The Northern California snowpack is 97% of normal as of April 1<sup>st</sup>. This follows three below-average hydrologic years. The State of California has been in a declared Drought Emergency since January 2014. The State Water Project Contractors Table A Allocation is at 60% as of the end of June.
- Colorado River Basin accumulated precipitation in July was 96% average for this period. The Upper Colorado Basin snowpack was 85% of normal as of April 15<sup>th</sup>. This follows two below-average hydrologic years, the Colorado River Basin is in the recovery of a long term drought. Lake Mead and Lake Powell combined have about 60% of their average storage volume for this time of year. If Lake Mead’s level falls below a “trigger” limit 1,075 ft. at the end of a calendar year, then a shortage will be declared by the US Bureau of Reclamation (USBR), impacting Colorado River water deliveries for the Lower Basin states. As of late June Lake Mead levels were slightly below the “trigger” limit but fortunately levels are expecting to increase due to water releases schedule at Lake Powell. The USBR predicts that the “trigger” level will not be hit by the end of 2016.

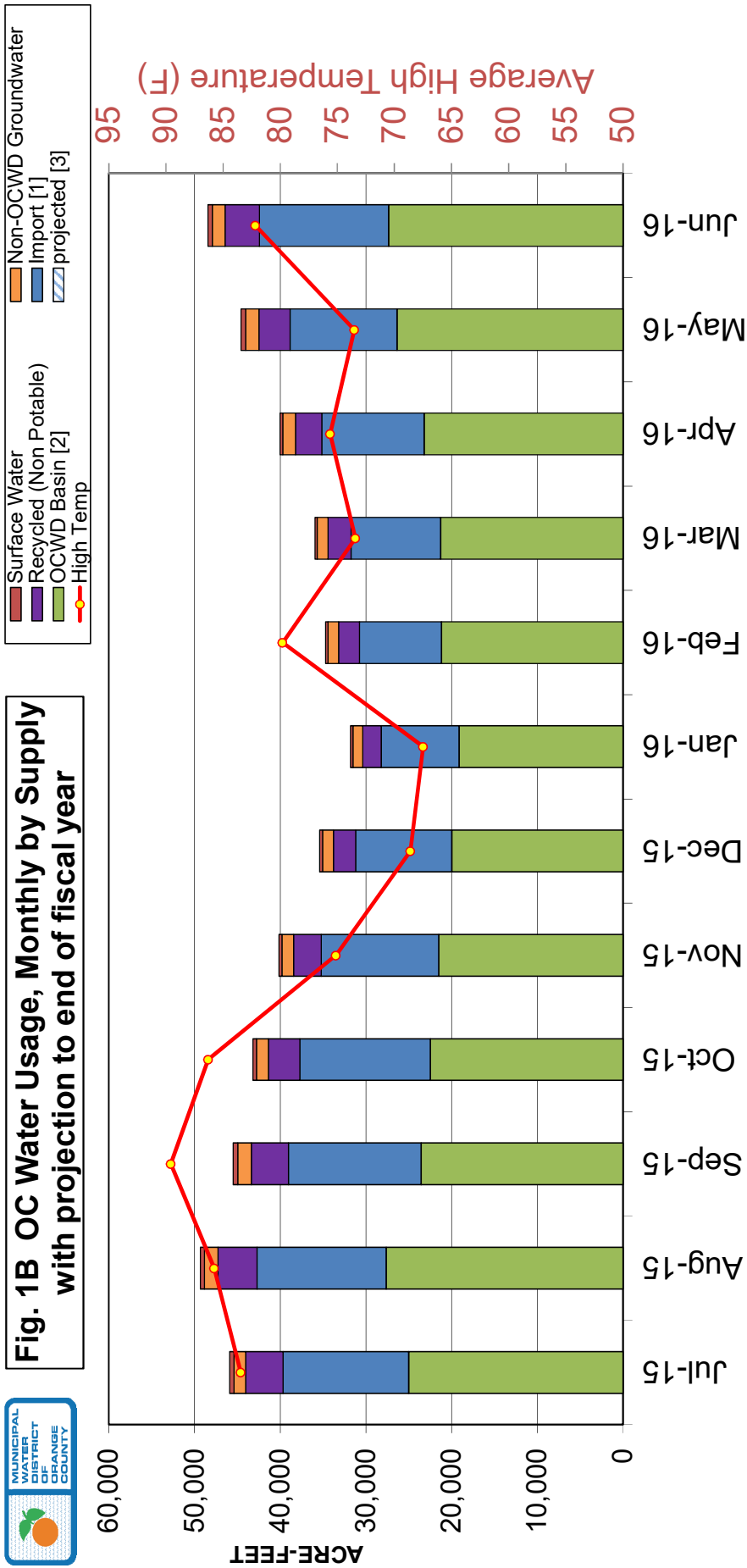




- [1] Imported water for consumptive use. Includes "In-Lieu" deliveries and CUP water extraction. Excludes "Direct Replenishment" deliveries of spreading water, "Barrier Replenishment" deliveries, and deliveries into Irvine Lake.
- [2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '15-16 is 75%.
- [3] MWDOC's estimate of monthly demand is based on the projected FY 15-16 "Retail" water demand and historical monthly demand patterns.
- [4] Total water usage includes IRWD groundwater agricultural use and usage by non-retail water agencies.



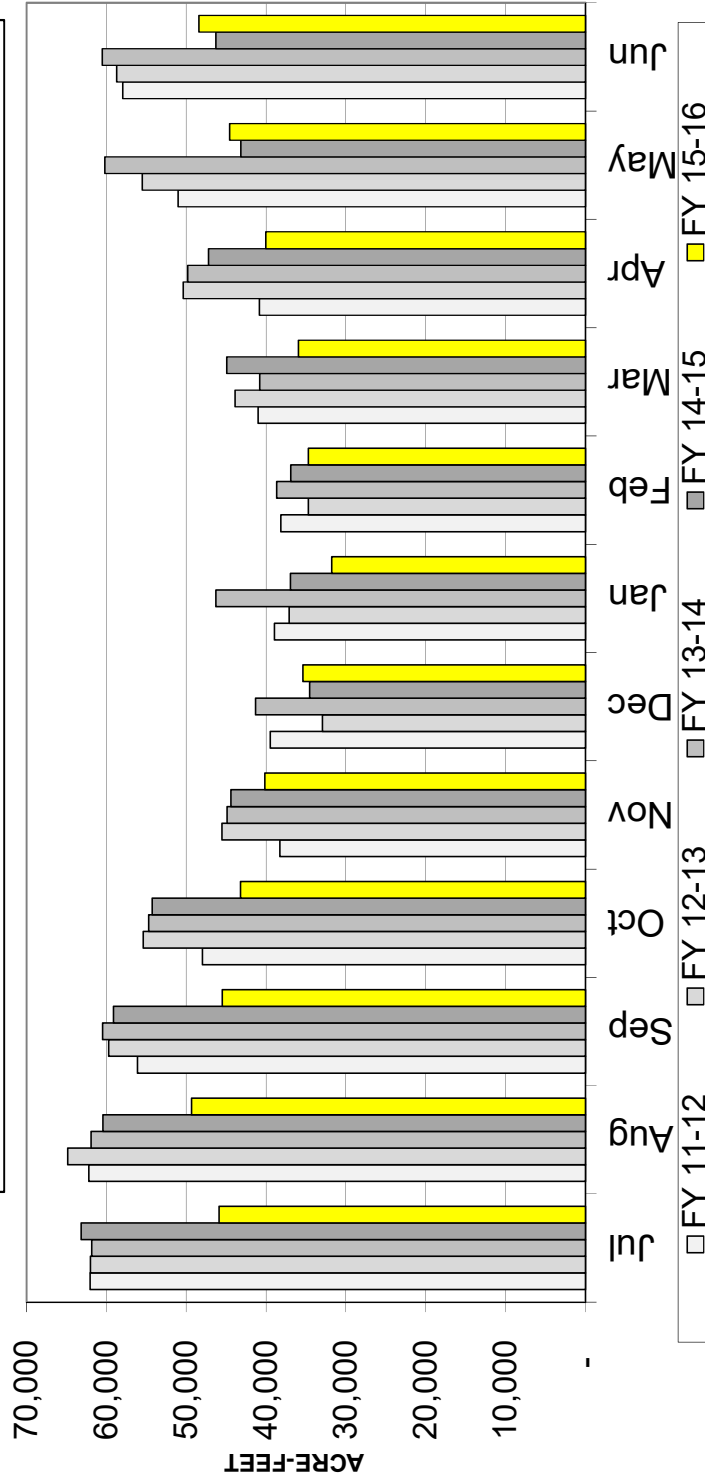
**Fig. 1B OC Water Usage, Monthly by Supply  
with projection to end of fiscal year**



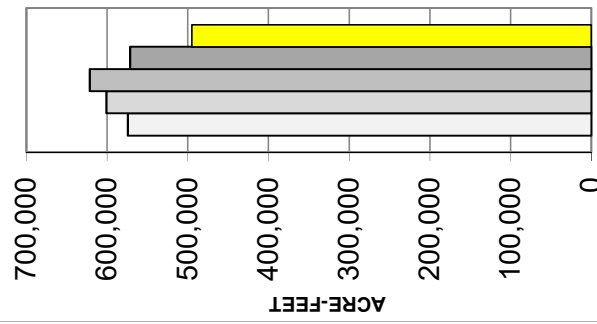
[1] Imported water for consumptive use. Includes "In-Lieu" deliveries and CUP water extraction. Excludes "Direct Replenishment" deliveries of spreading water, "Barrier Replenishment" deliveries, and deliveries into Irvine Lake.  
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**Fig. 2A OC Monthly Water Usage [1]: Comparison to Last 4 Fiscal Years**



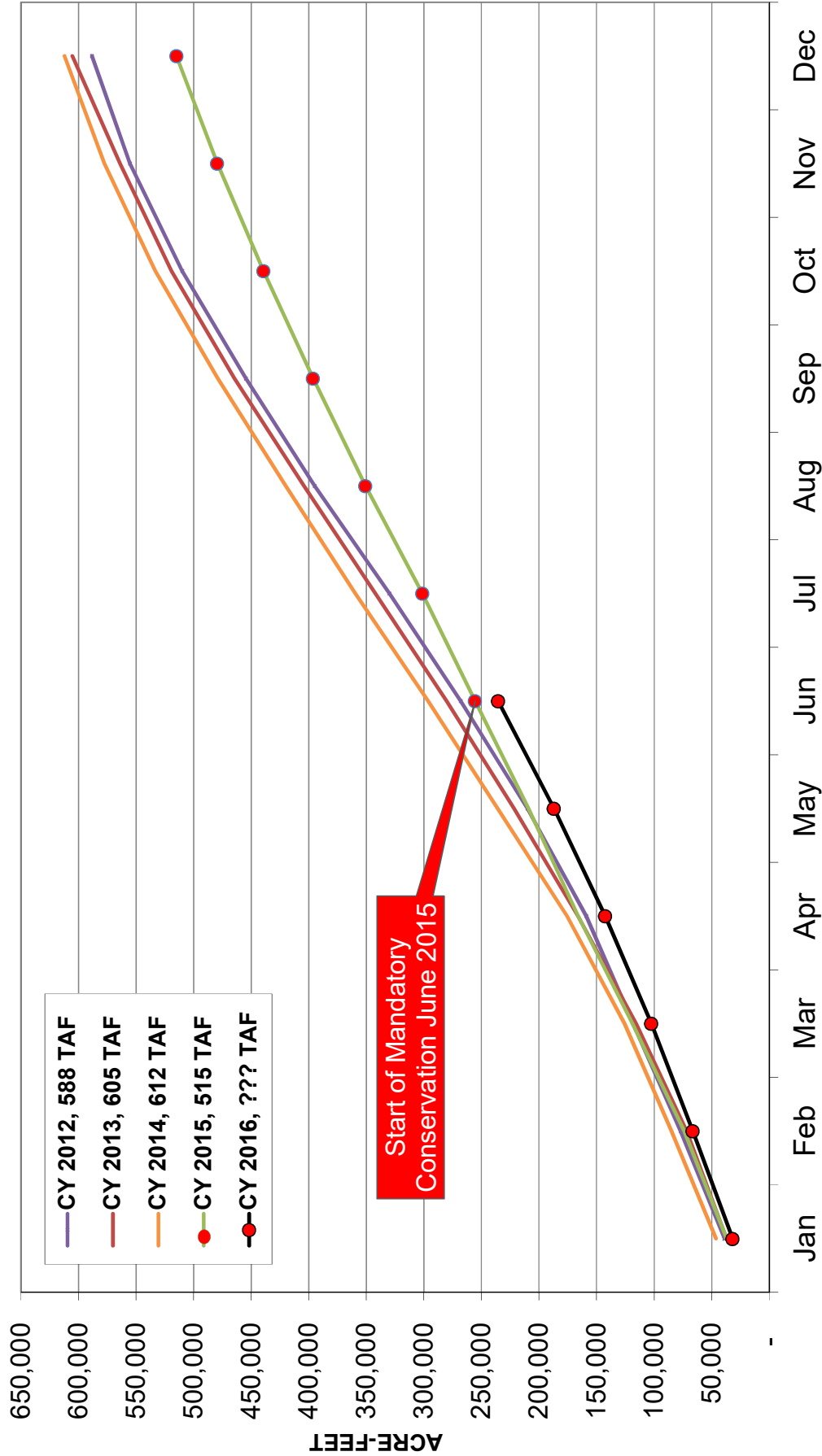
**Partial Year Subtotals**



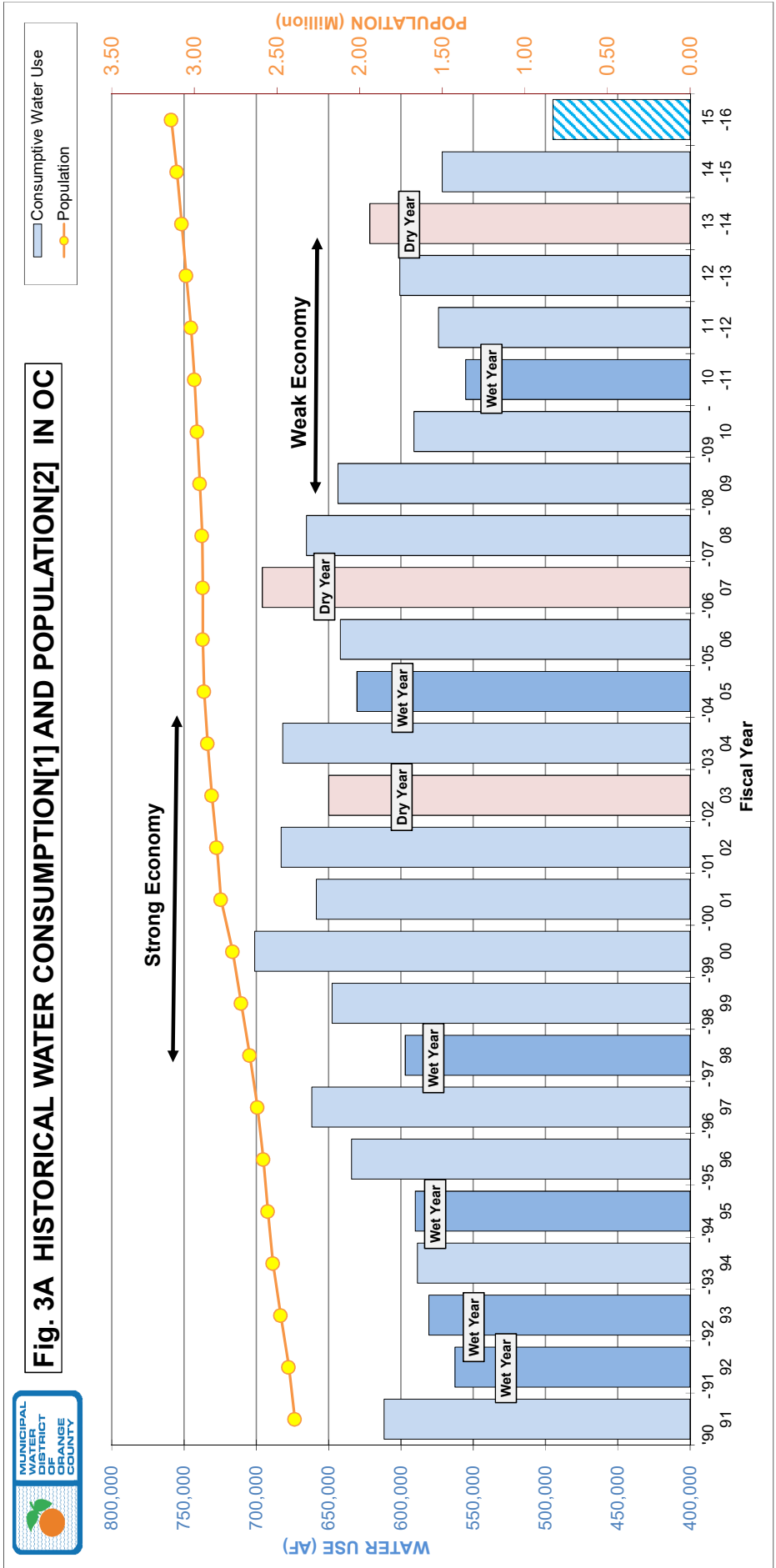
[1] Sum of Imported water for consumptive use (includes "In-Lieu" deliveries; excludes "Direct Replenishment" and "Barrier Replenishment") and Local water for consumptive use (includes recycled and non-potable water; excludes GWRS production, groundwater pumped to waste, and waste brine from water treatment projects.) Recent months numbers include some estimation.



**Fig. 2B Orange County Cumulative Monthly Consumptive Water Usage [1]:**  
present year compared to last 4 calendar years



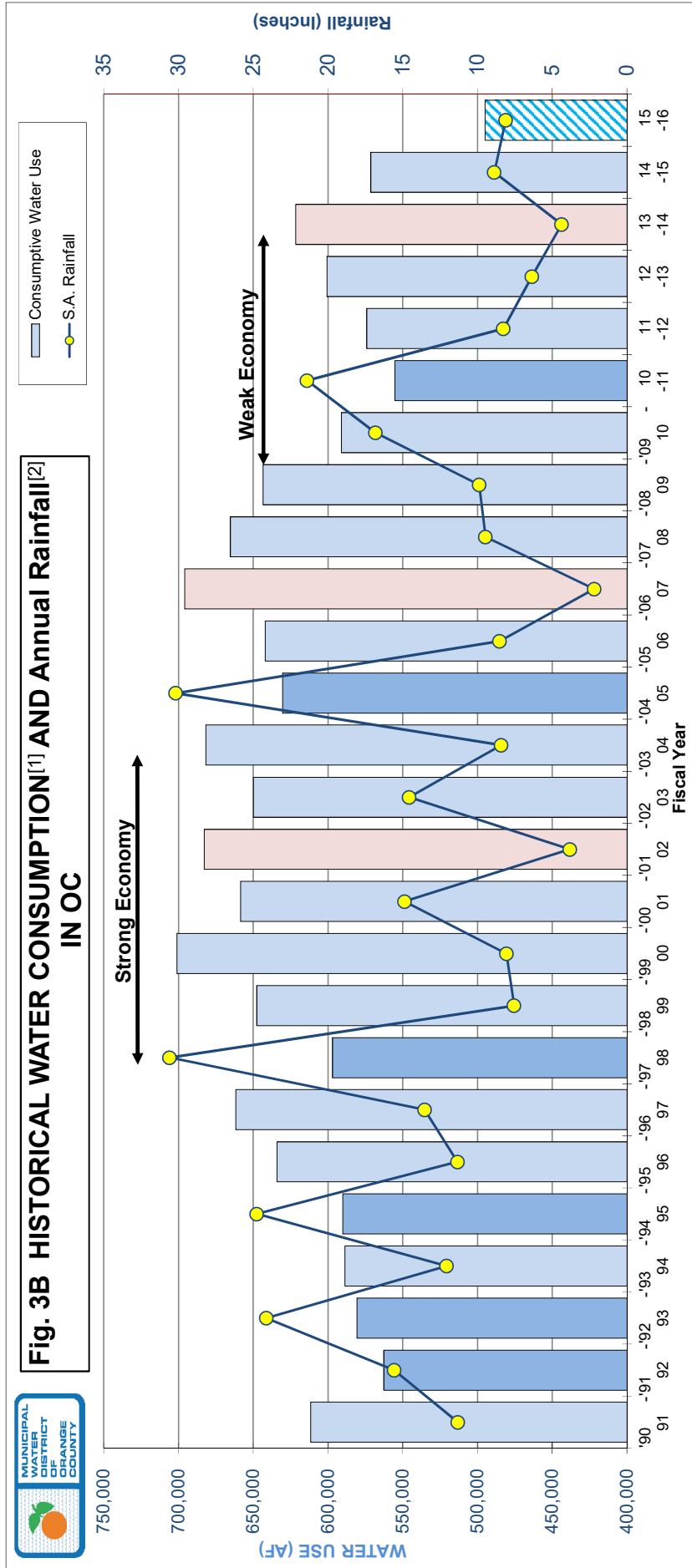
[1] Sum of Imported water for consumptive use (includes "In-Lieu" deliveries; excludes "Direct Replenishment" and "Barrier Replenishment") and Local water for consumptive use (includes recycled and non-potable water; excludes GWRS production and waste brine from water quality pumping projects).



[1] Consumption includes potable, recycled and non-potable usage; excludes Barrier and Spreading water. The most recent data involve some estimation.

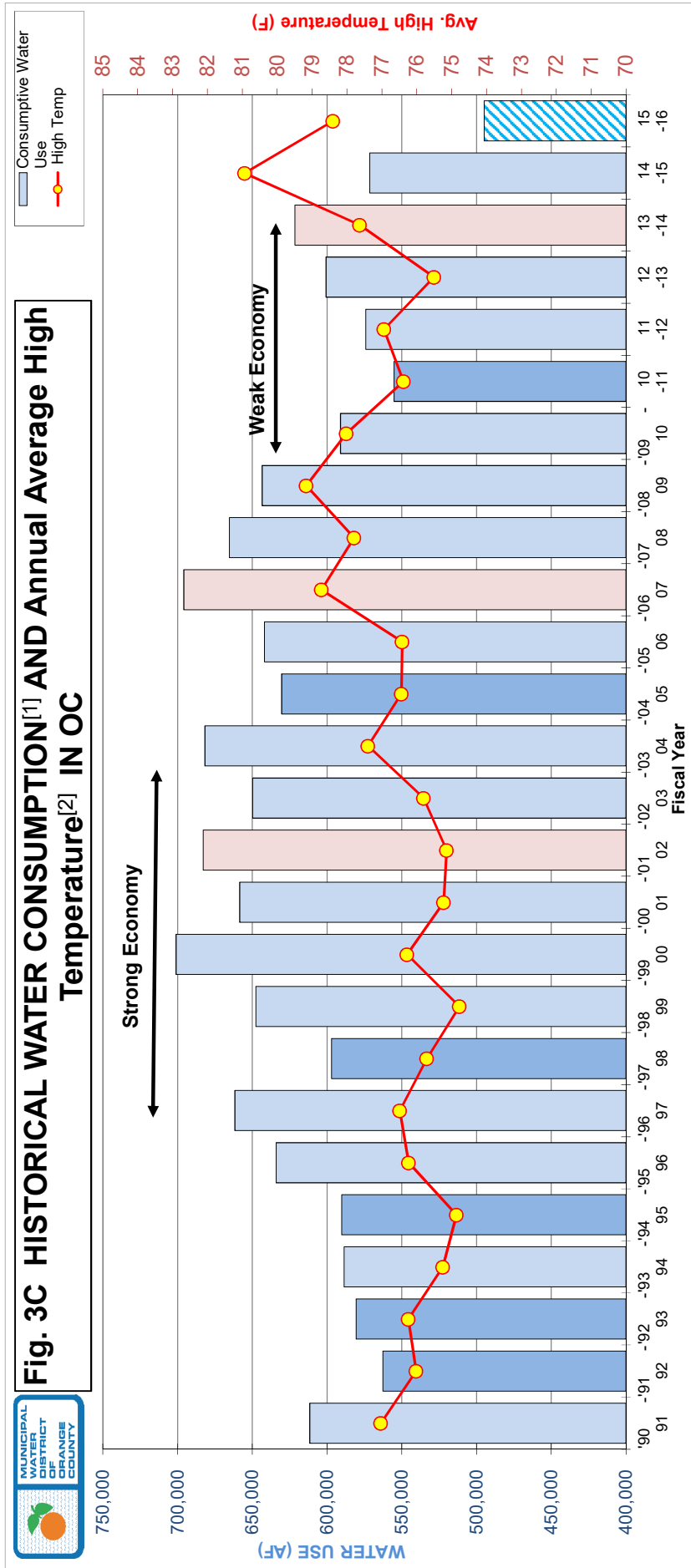
[2] Population estimates in the 2000s decade were revised by the State Dept. of Finance to reflect the 2010 Census counts.

[3] Projection of FY 15-16 water use estimated by MWDOC based on partial-year data.



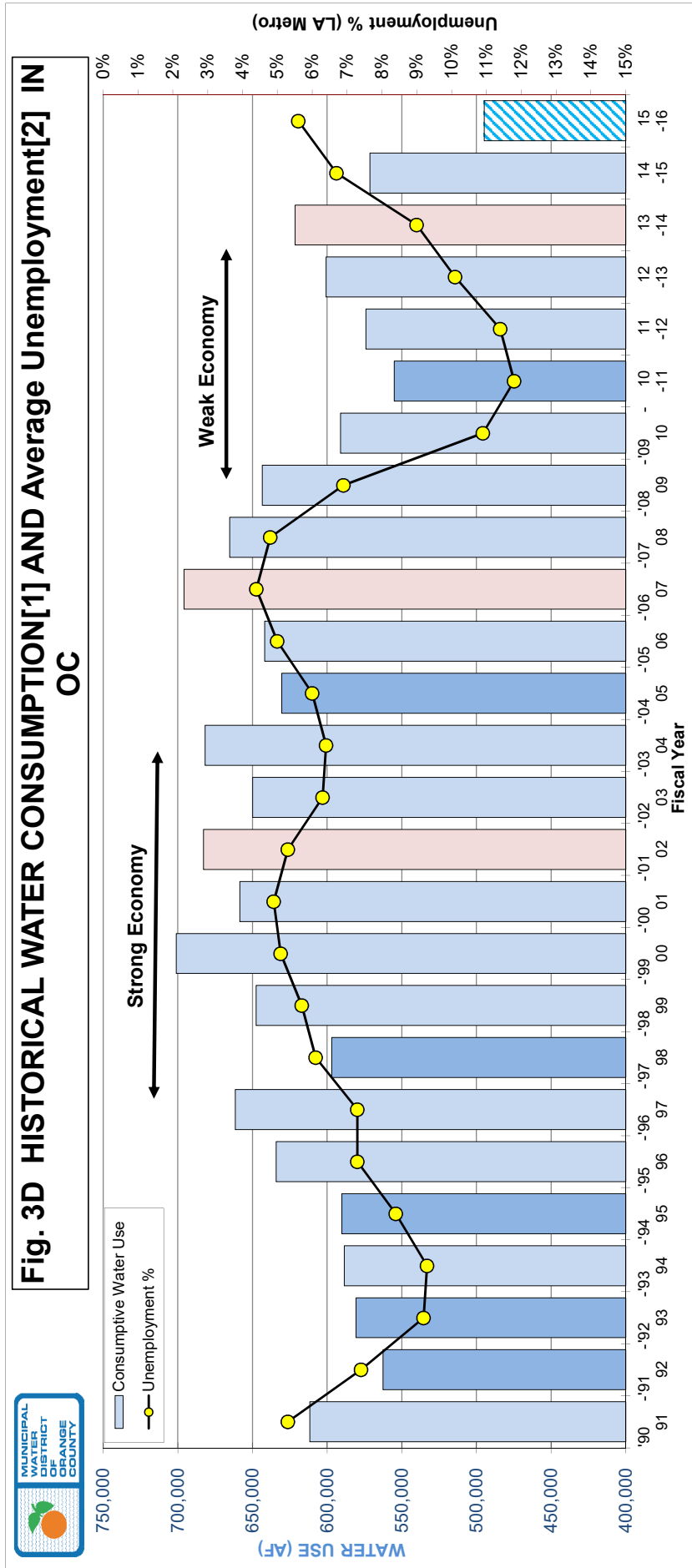
[1] Consumption includes potable, recycled and non-potable usage; excludes Barrier and Spreading water. The most recent data involve some estimation.

[2] Rainfall data from Santa Ana Station #121



[1] Consumption includes potable, recycled and non-potable usage; excludes Barrier and Spreading water. The most recent data involve some estimation.

[2] Temperature data is from Santa Ana Fire Station, elevation 135'

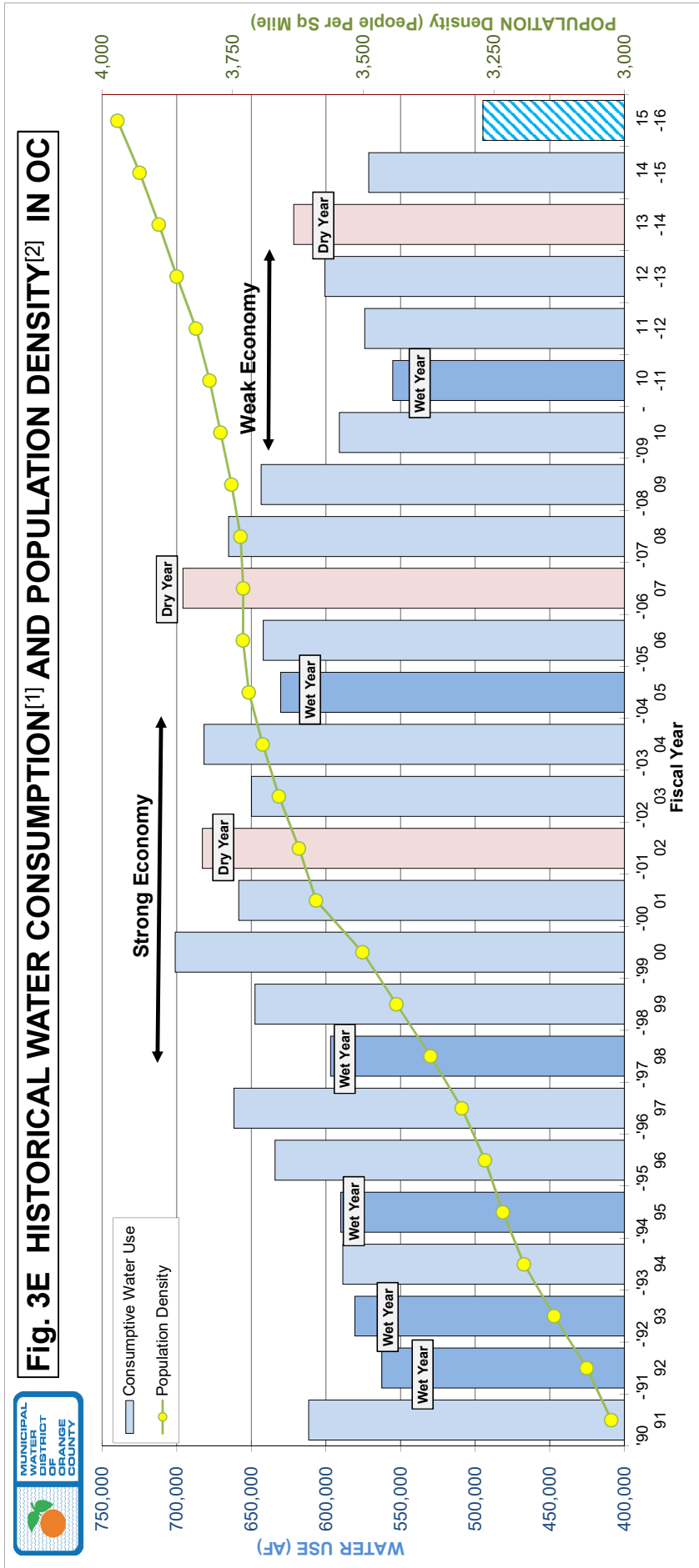


[1] Consumption includes potable, recycled and non-potable usage; excludes Barrier and Spreading water. The most recent data involve some estimation.

[2] Employment Data source Bureau of Labor Statistic for Long Beach-L.A.-Santa Ana Metro Area

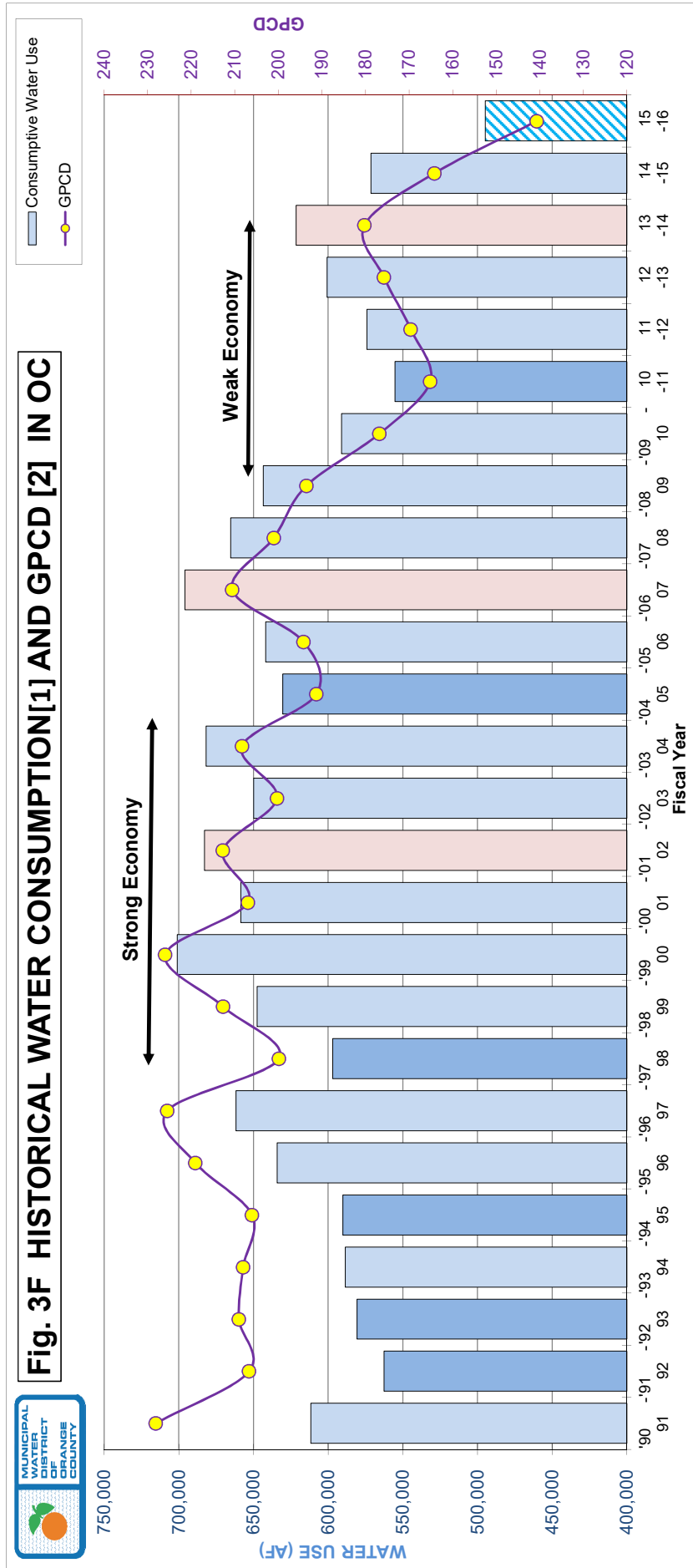
<http://www.bls.gov/lau/>





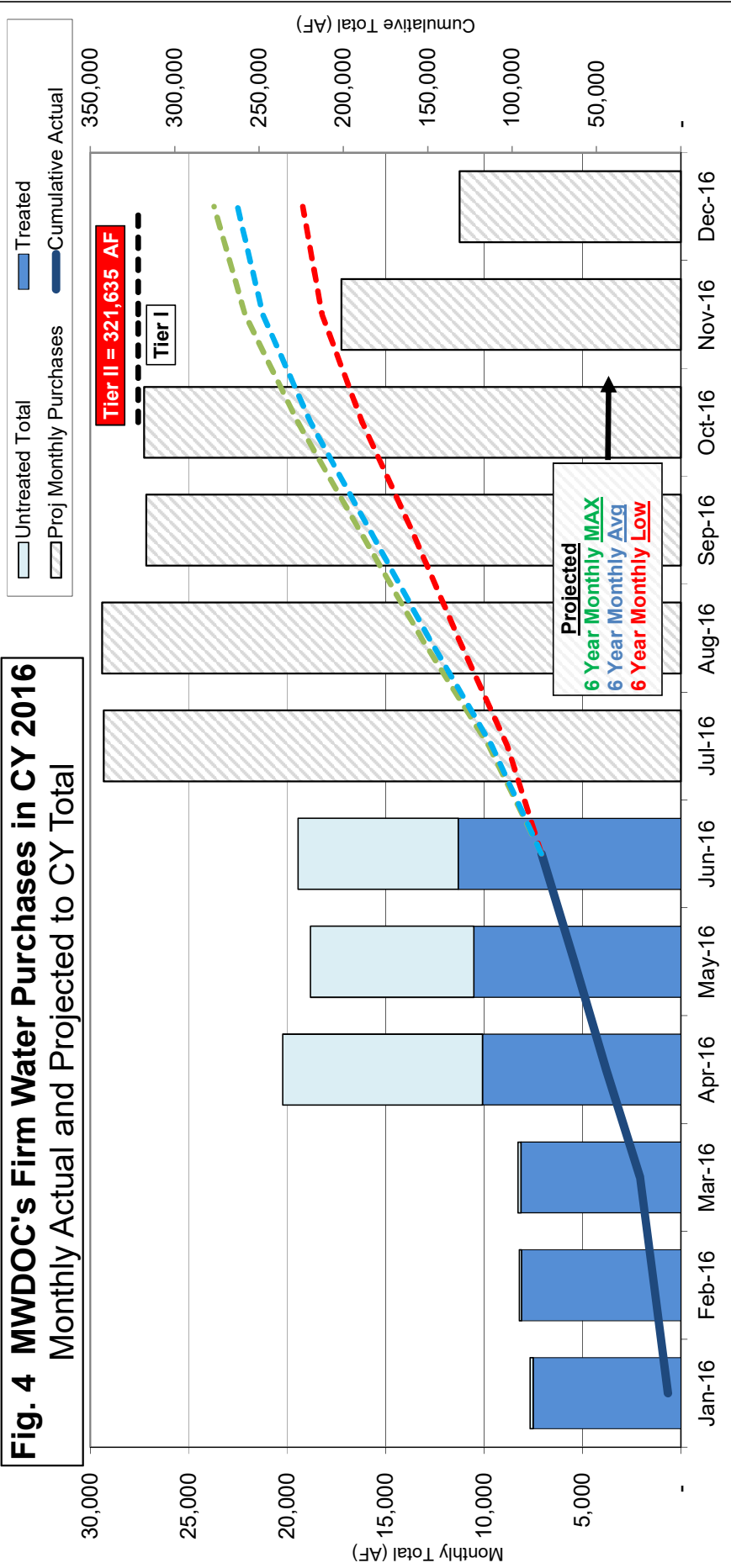
[1] Consumption includes potable, recycled and non-potable usage; excludes Barrier and Spreading water. The most recent data involve some estimation.

[2] Population estimates in the 2000s decade were revised by the State Dept. of Finance to reflect the 2010 Census counts.



[1] Consumption includes potable, recycled and non-potable usage; excludes Barrier and Spreading water. The most recent data involve some estimation.  
 [2] Gallon per Capita Daily (includes all types of water usage and all type of water users).

**Fig. 4 MWDOC's Firm Water Purchases in CY 2016**  
Monthly Actual and Projected to CY Total



**Notes**

1. "Firm" includes Full Service (both Treated and Untreated) and Barrier water.
2. Basin Pumping Percentage (BPP) is the percentage of a retail water agency's total water demand that they are limited to pump from the OCWD-managed groundwater basin. BPP pertains to Basin agencies only. For example, if a Basin agency's total demand is 10,000 AF/yr and OCWD sets the BPP at 72%, then the agency is limited to 7,200 AF of groundwater that year. There may be certain exceptions and/or adjustments to that sample calculation. OCWD sets the BPP for the Basin agencies, usually as of July 1st.



prepared by the Municipal Water District of Orange County

*\*numbers are subject to change*

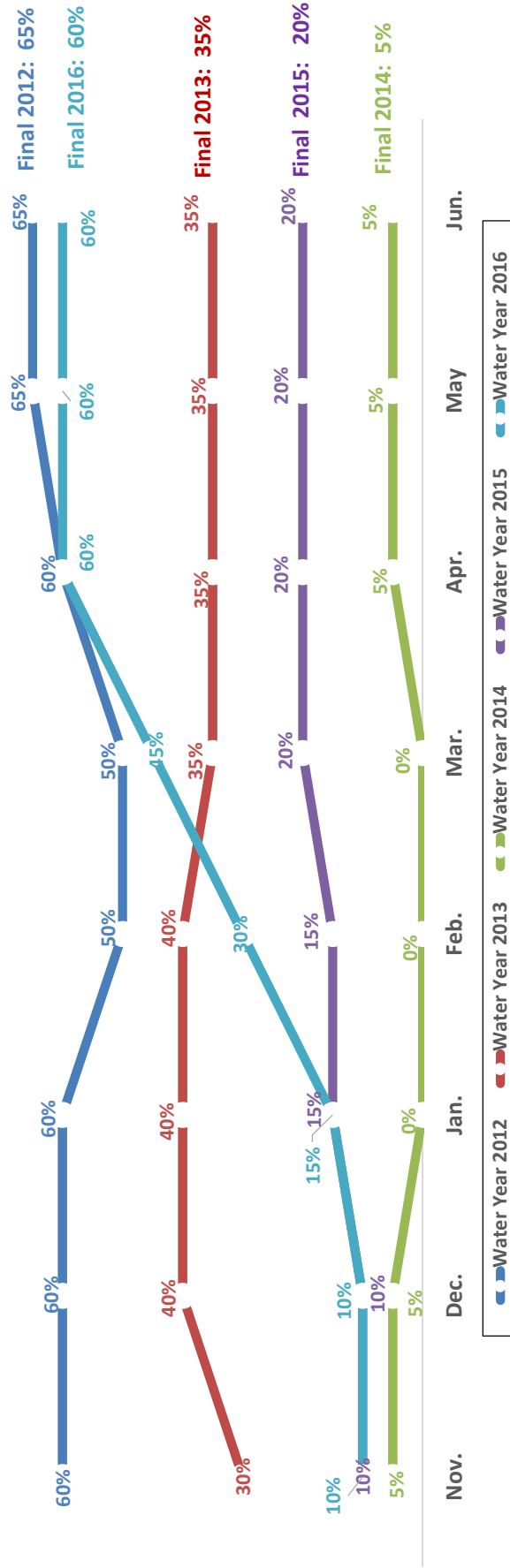
printdate 7/26/2016





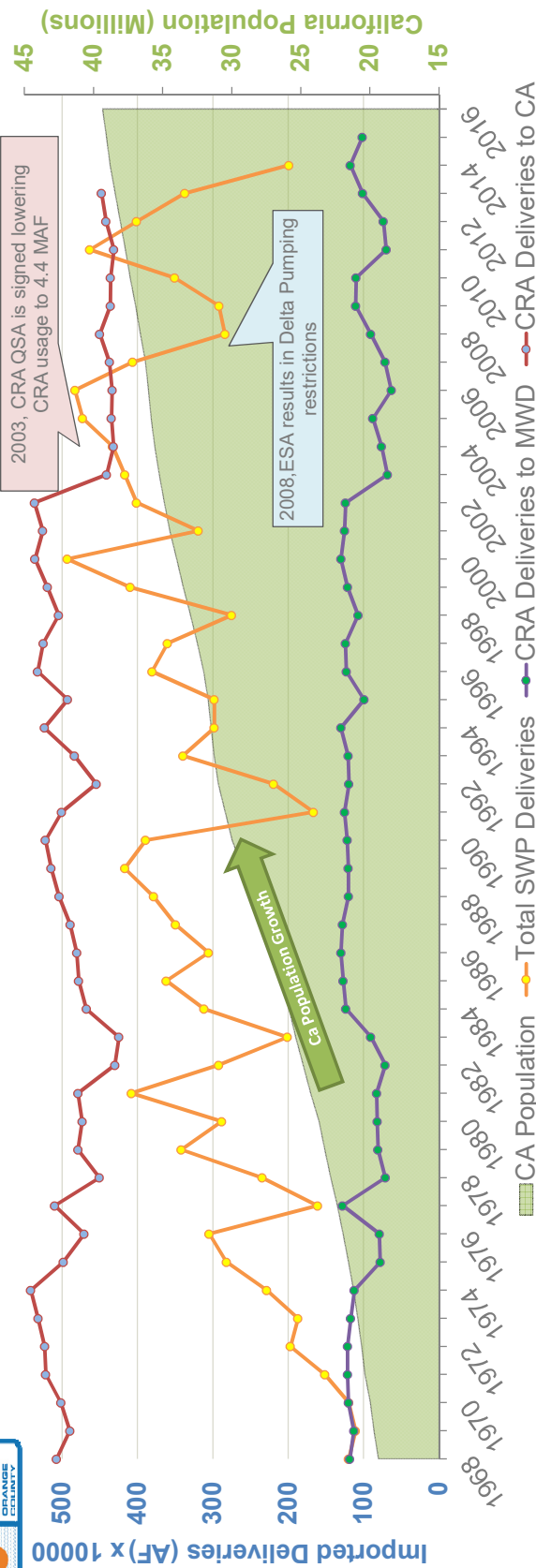
## SWP TABLE A ALLOCATION

FOR STATE WATER PROJECT CONTRACTORS

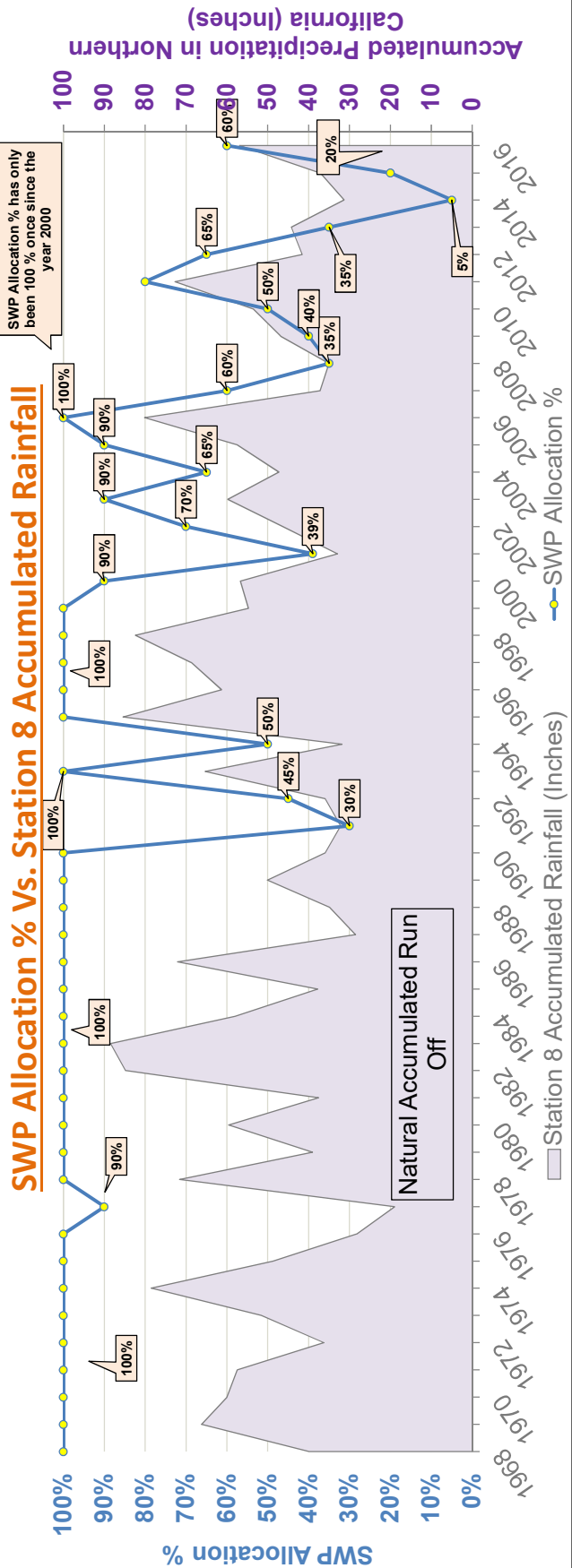




## Imported Water Deliveries Vs. California Population Growth

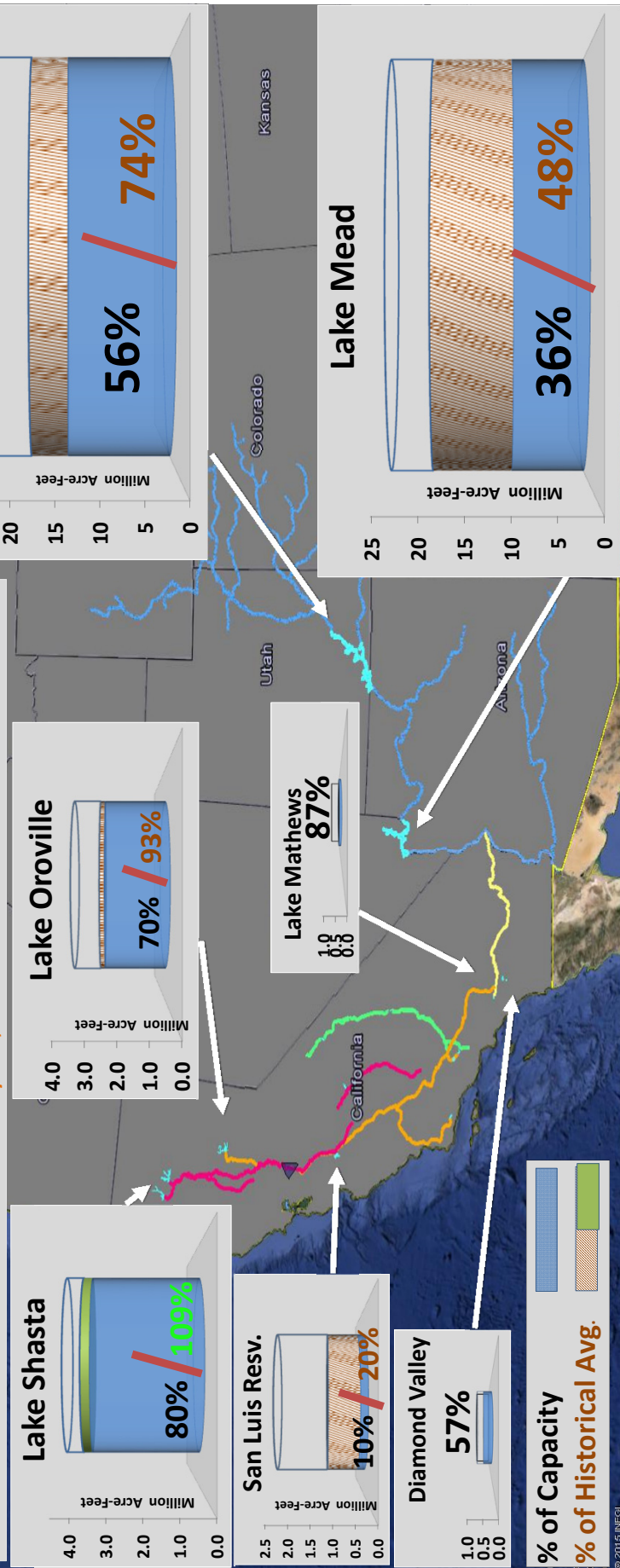


## SWP Allocation % Vs. Station 8 Accumulated Rainfall



# State Water Project, Colorado River, and MWD Reservoir Storage

as of July 25th, 2016



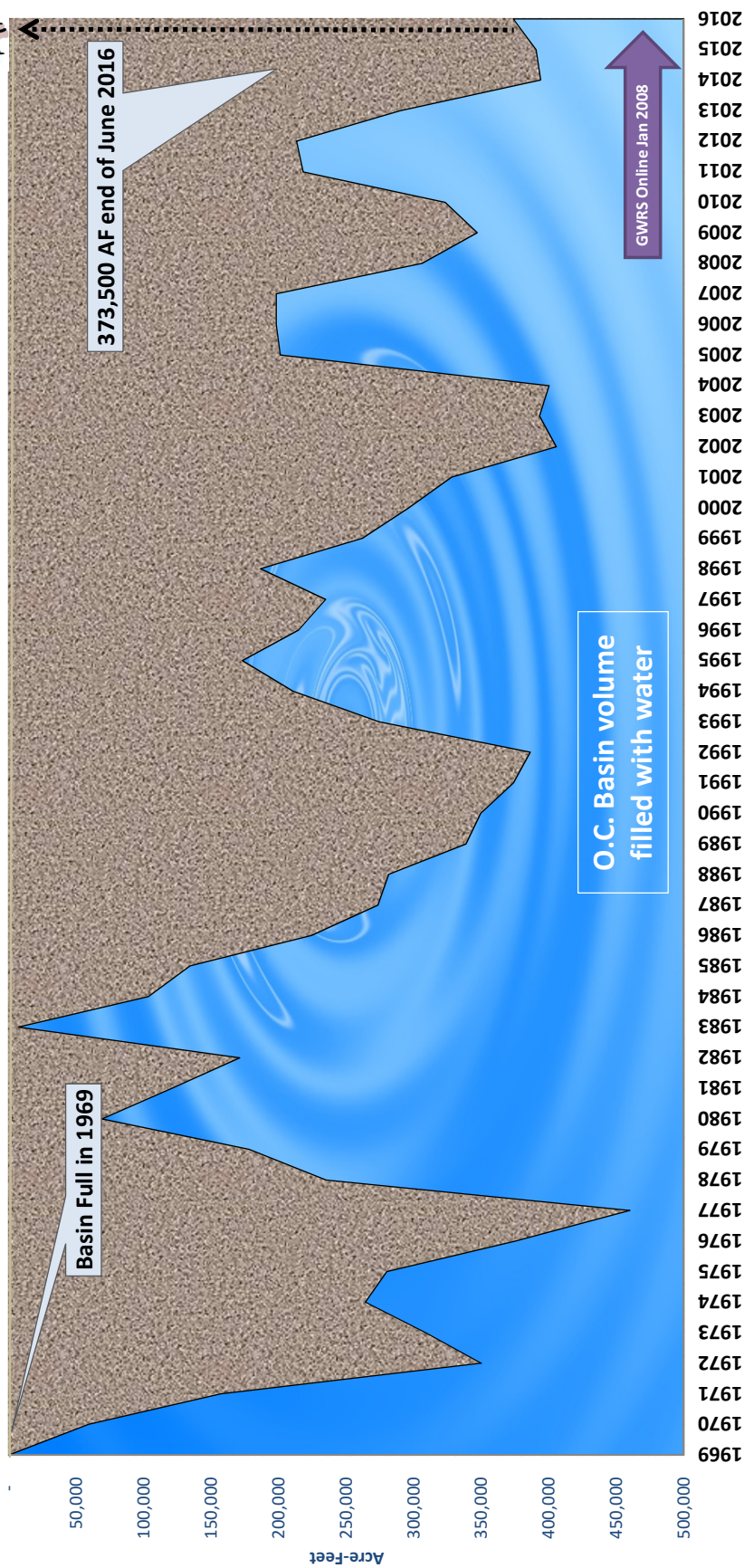
Prepared by the Municipal Water District of Orange County  
 \*Number are Subject to Change





## O.C. Basin Accumulated Overdraft

Annual, 1969 to Present



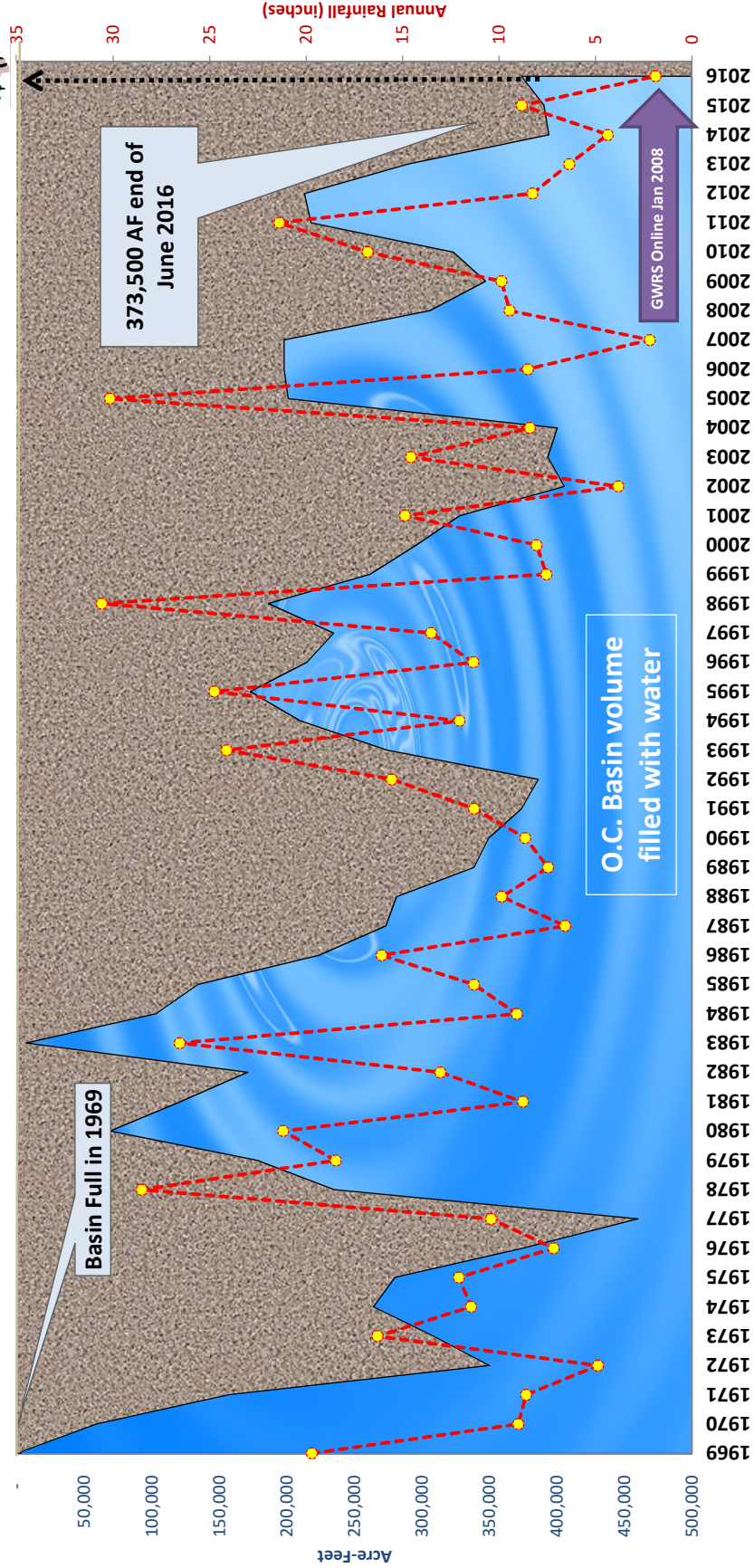
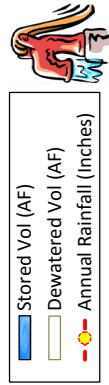
~ Accumulated Overdraft (dewatered volume) shown as white area, excluding the volume stored by Metropolitan. source: OCWD





## O.C. Basin Accumulated Overdraft Vs. Annual Rainfall

Annual, 1969 to Present

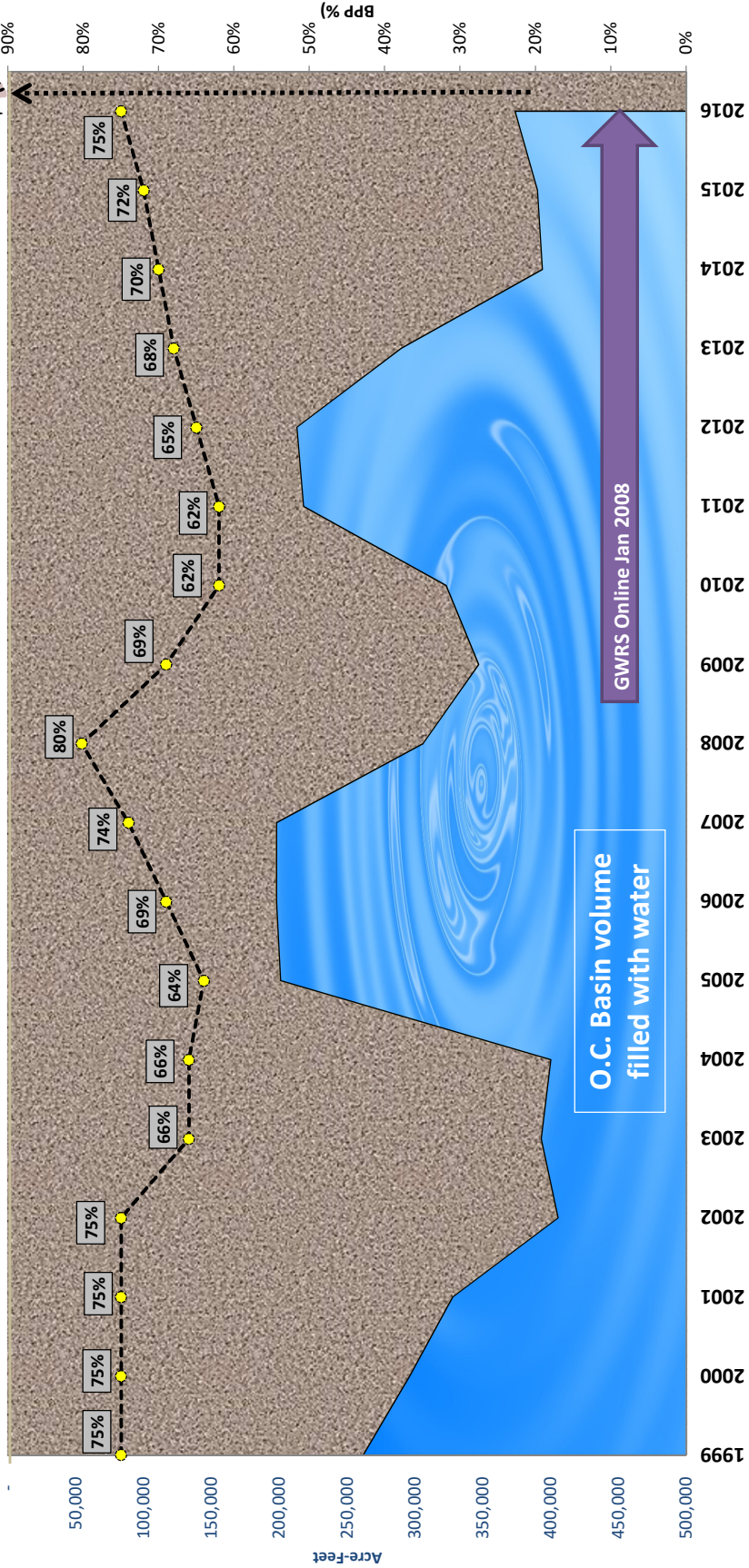
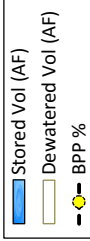


~ Accumulated Overdraft (dewatered volume) shown as white area, excluding the volume stored by Metropolitan. source: OCWD



## O.C. Basin Accumulated Overdraft Vs. BPP %

Annual, 1999 to Present

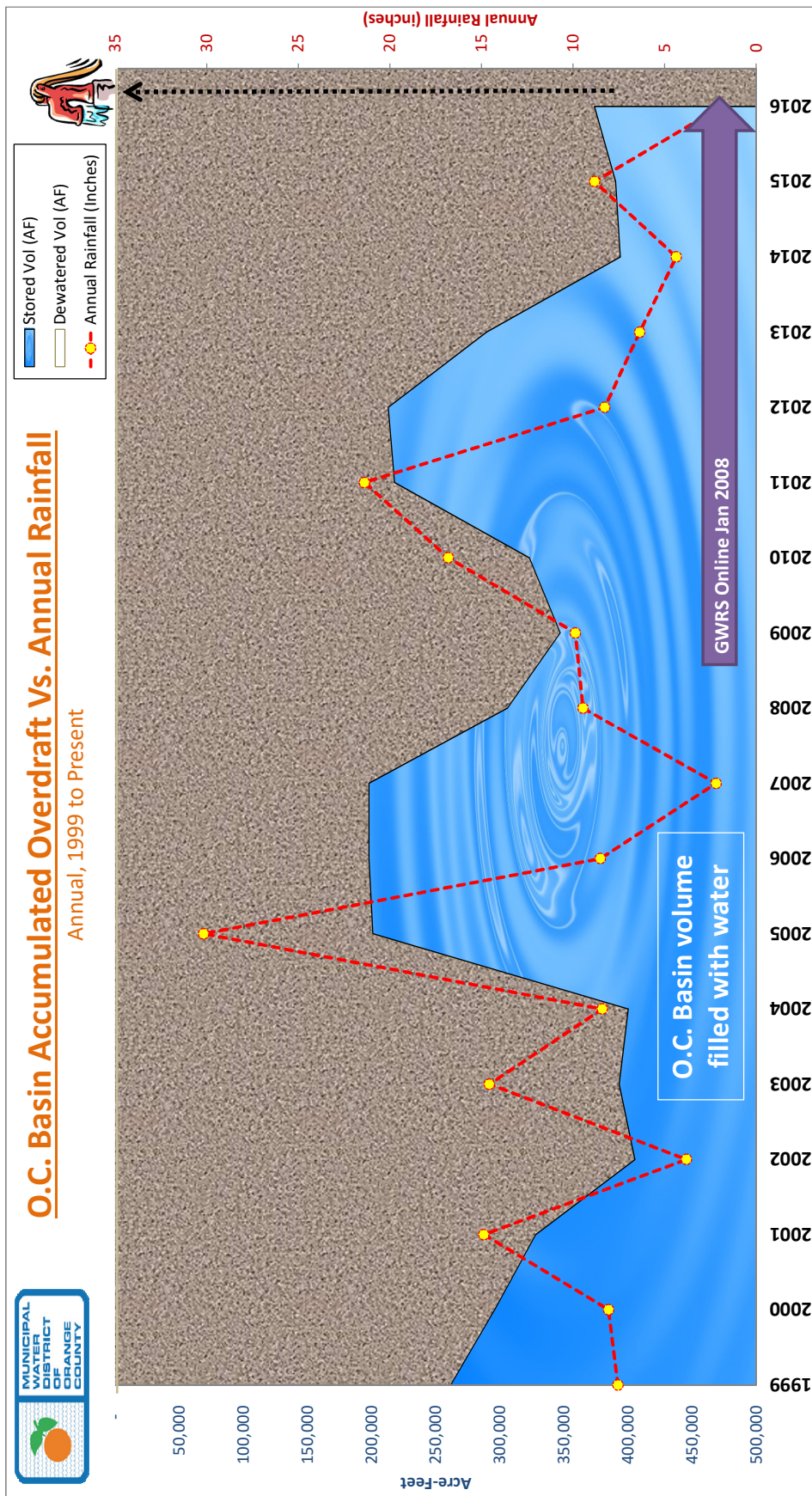


O.C. Basin volume filled with water

GWRS Online Jan 2008

~ Accumulated Overdraft (dewatered volume) shown as white area, excluding the volume stored by Metropolitan. source: OCWD

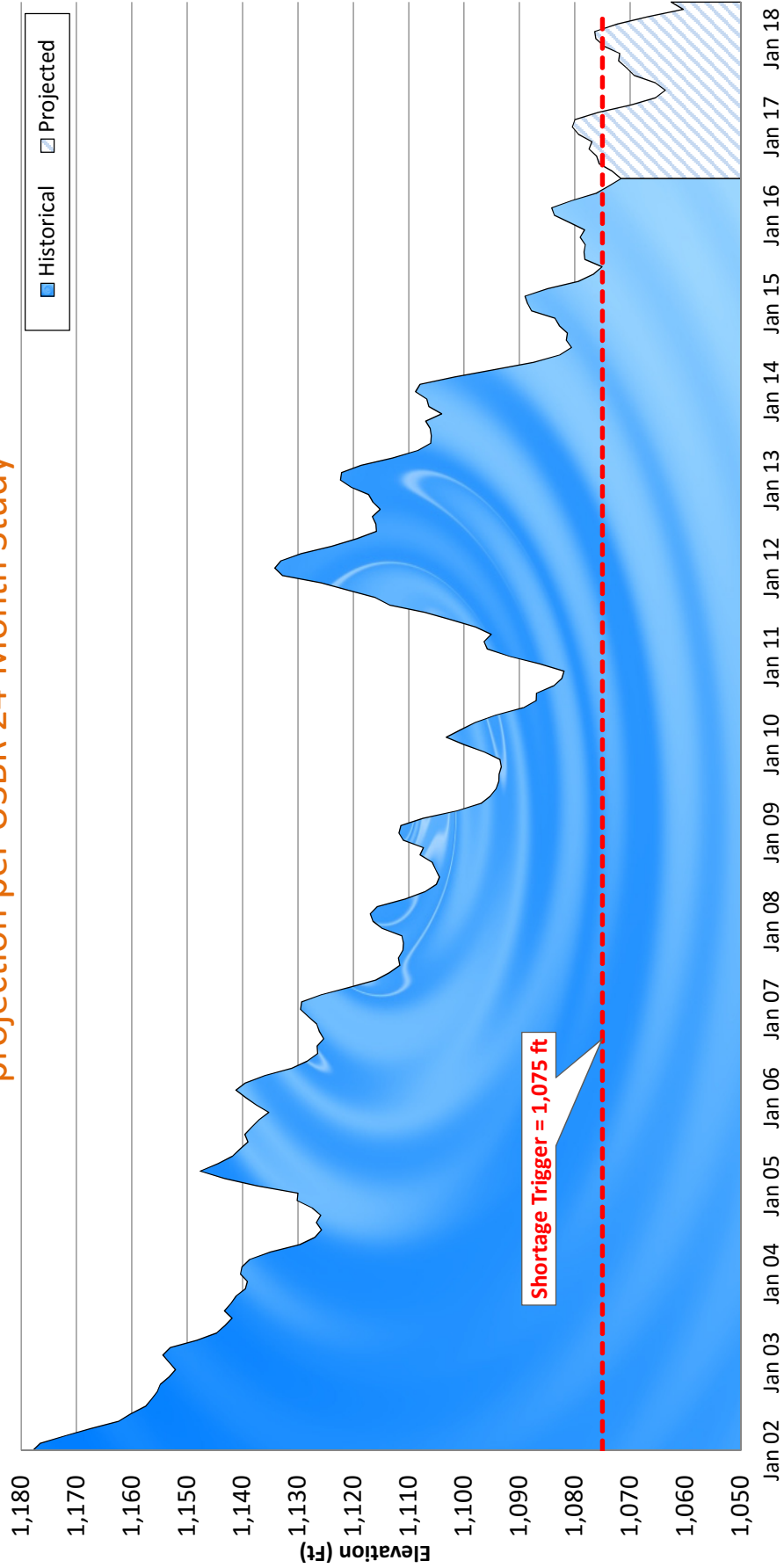




~ Accumulated Overdraft (dewatered volume) shown as white area, excluding the volume stored by Metropolitan. source: OCWD

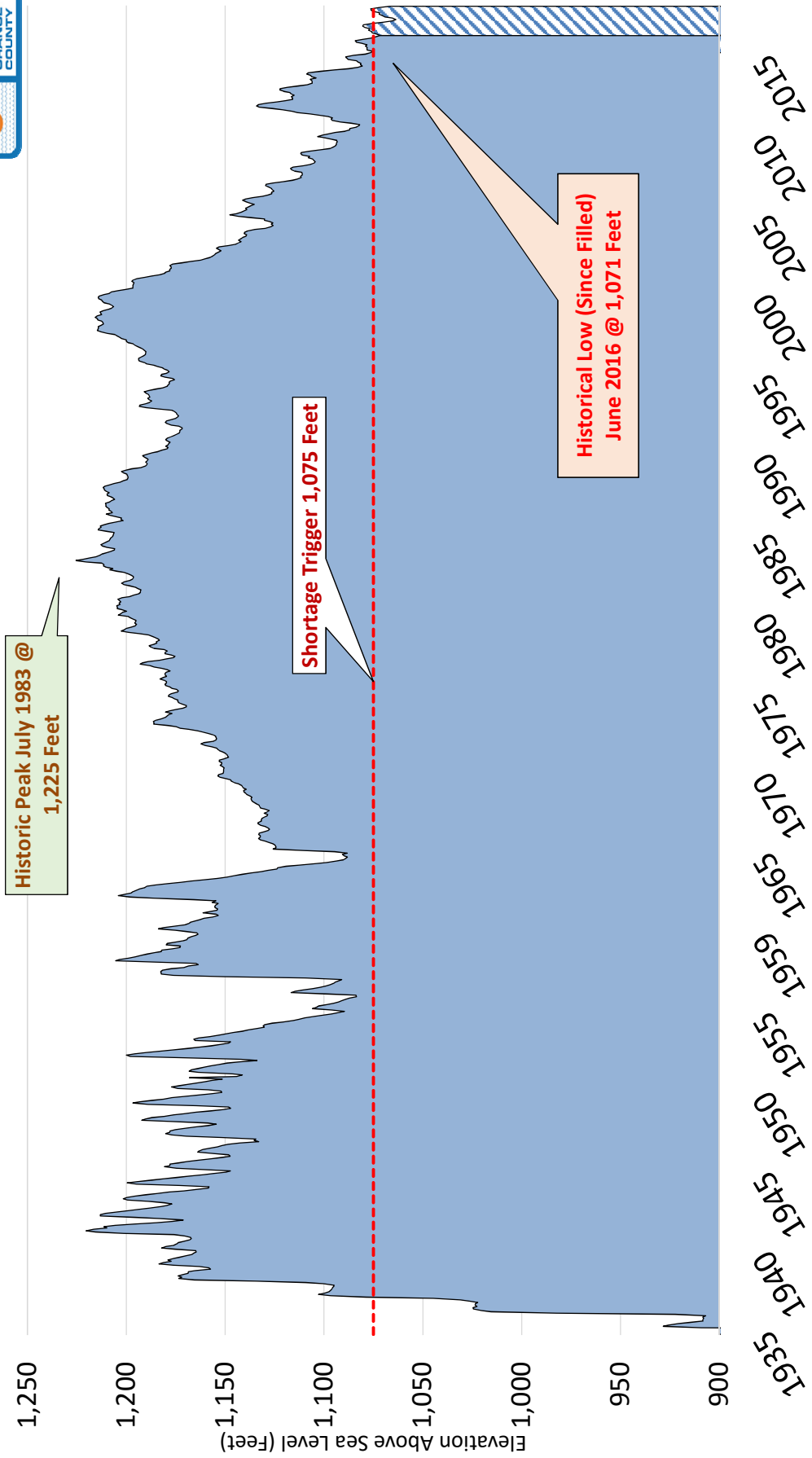


## Lake Mead Levels: Historical and Projected projection per USBR 24-Month Study





## Lake Mead Historical Water Elevation Level







**INFORMATION ITEM**

August 10, 2016

**TO: Administration & Finance Committee**  
(Directors Thomas, Barbre, Finnegan)

**FROM: Robert Hunter, General Manager**

Staff Contact: Harvey De La Torre / Keith Lyon

**SUBJECT: El Toro Water District's LRP Application for the Phase II Recycled Water Distribution System Expansion Project**

**STAFF RECOMMENDATION**

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Staff recommends the Administration & Finance Committee receive and file the information below.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**REPORT**

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The Municipal Water District of Orange County (MWDOC), on behalf of El Toro Water District (ETWD), submitted to Metropolitan Water District (MET) a Local Resources Program (LRP) application and a letter of endorsement for ETWD's Phase II Recycled Water Distribution System Expansion Project. Below summarizes the list ETWD's recycled water activities and a brief description of the Phase II Project:

- ETWD started producing tertiary treated recycled water in the 1960s for irrigation of a golf course.
- In 2012, ETWD submitted an LRP Application for Phase I of the Recycled Water Expansion Project with an ultimate yield of 1,175 AFY. MWDOC endorsed the project, which was approved by MET's Board, allowing ETWD to receive an LRP incentives of up to \$250/AF (depending on the actual cost of production) over the 25 year agreement term.
- The ETWD expanded recycled water treatment plant and distribution system started serving recycled water to newly converted customers in March 2015.

Budgeted (Y/N): N	Budgeted amount: N/A	Core _X_	Choice __
Action item amount: N/A	Line item:		
Fiscal Impact (explain if unbudgeted):			

- To date, about 98% of intended customers for the Phase I project have been converted from the potable system to the recycled system.
- The Phase II Recycled Water Distribution System Expansion Project will add about 28,500 linear feet (about 5.4 miles) of pipelines to the existing recycled water distribution system and will convert additional customers from potable water use to recycled water use. Additional recycled water usage is estimated to be 350 AFY.
- ETWD selected the MET LRP incentive of up to \$475/AF for 15 years (from among the 3 new MET LRP incentive options).
- Related to the Phase II Project, all environment work has been completed, and it is anticipated that Project Design will be completed in August 2016. The Project on-line date has been scheduled for March 2018.

Upon receiving ETWD's LRP Application, MET staff will review the application, ask questions and/or request additional information, as needed, and determine whether or not the project qualifies within MET's LRP criteria. Assuming that the project qualifies, MET staff would recommend approval of the project to the MET's Board and draft LRP Agreement between MET, MWDOC and ETWD for both MWDOC and ETWD Board approval. We anticipate this LRP application to be in front of the MET Board for approval by the end of the year.