

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

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

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 – May 2016
 - b. Disbursement Approval Report for the month of June 2016
 - c. Disbursement Ratification Report for the month of May 2016
 - d. GM Approved Disbursement Report for the month of May 2016
 - e. Water Use Efficiency Projects Cash Flow – May 31, 2016
 - f. Consolidated Summary of Cash and Investment – April 2016
 - g. OPEB Trust Fund monthly statement
2. COMBINED FINANCIAL STATEMENTS AND BUDGET COMPARATIVE FOR THE PERIOD ENDING APRIL 30, 2016

DISCUSSION ITEMS

3. DRINKING WATER PROGRAM FEE STRUCTURE

ACTION ITEM

4. TURF REMOVAL REBATE PROGRAM PROCESS EVALUATION
5. ADOPT RESOLUTION REGARDING EMPLOYER PAID CONTRIBUTION AMOUNT TO CALPERS
6. APPROVE RECORDS MANAGEMENT CONSULTANT
7. APPROVE COST-OF-LIVING SALARY RANGE ADJUSTMENT

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.)

8. DEPARTMENT ACTIVITIES REPORTS
 - a. Administration
 - b. Finance and Information Technology
9. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFO.

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
May 2016**

WATER REVENUES

Date	From	Description	Amount
05/02/16	Trabuco Canyon Water District	March 2016 Water deliveries	17,336.86
05/02/16	City of San Juan Capistrano	March 2016 Water deliveries	263,846.48
05/02/16	City of La Palma	March 2016 Water deliveries	5,801.91
05/03/16	Serrano Water District	March 2016 Water deliveries	5,730.01
05/06/16	City of Garden Grove	March 2016 Water deliveries	481,461.07
05/09/16	City of Buena Park	March 2016 Water deliveries	189,313.16
05/09/16	City of Newport Beach	March 2016 Water deliveries	136,347.62
05/09/16	City of Seal Beach	March 2016 Water deliveries	10,136.96
05/09/16	South Coast Water District	March 2016 Water deliveries	385,993.63
05/10/16	El Toro Water District	March 2016 Water deliveries	503,061.87
05/11/16	Santa Margarita Water District	March 2016 Water deliveries	1,448,940.01
05/11/16	City of Westminster	March 2016 Water deliveries	213,139.04
05/12/16	Laguna Beach County Water District	March 2016 Water deliveries	269,612.40
05/12/16	East Orange County Water District	March 2016 Water deliveries	166,356.02
05/12/16	City of Orange	March 2016 Water deliveries	58,275.02
05/13/16	City of Fountain Valley	March 2016 Water deliveries	198,498.33
05/13/16	City of La Habra	March 2016 Water deliveries	11,320.39
05/13/16	Irvine Ranch Water District	March 2016 Water deliveries	507,859.77
05/13/16	Santiago Aqueduct Commission	March 2016 Water deliveries	77,772.20
05/13/16	Moulton Niguel Water District	March 2016 Water deliveries	1,686,915.20
05/13/16	Golden State Water Company	March 2016 Water deliveries	463,815.92
05/13/16	Yorba Linda Water District	March 2016 Water deliveries	204,319.91
05/13/16	Mesa Water	March 2016 Water deliveries	65,117.80
05/20/16	City of Fountain Valley	April 2016 Water deliveries	194,541.93
05/25/16	Serrano Water District	April 2016 Water deliveries	13,511.41
05/27/16	Trabuco Canyon Water District	April 2016 Water deliveries	17,336.86
05/27/16	City of Brea	April 2016 Water deliveries	69,910.35
05/27/16	City of Huntington Beach	April 2016 Water deliveries	632,538.07
05/31/16	City of La Habra	April 2016 Water deliveries	11,320.39
05/31/16	City of Seal Beach	April 2016 Water deliveries	10,136.96
05/31/16	City of San Juan Capistrano	April 2016 Water deliveries	400,334.48
TOTAL REVENUES			\$ 8,720,602.03

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

MISCELLANEOUS REVENUES

Date	From	Description	Amount
05/02/16	Cucamonga Valley Water District	5/20/16 OC Water Summit	130.00
05/09/16	Buena Park	5/20/16 OC Water Summit	130.00
05/16/16	Best Best & Krieger	5/20/16 OC Water Summit	150.00
05/16/16	William Everest	5/20/16 OC Water Summit	150.00
05/20/16	Buena Park	5/20/16 OC Water Summit	130.00
05/20/16	Michael Baker	5/20/16 OC Water Summit	520.00
05/23/16	Square	5/20/16 OC Water Summit	269.90
05/31/16	Paypal	5/20/16 OC Water Summit	10,735.17
05/02/16	Best Best & Krieger	5/20/16 OC Water Summit	260.00
05/02/16	Charles Crowley	5/20/16 OC Water Summit	130.00
05/16/16	Lewis Consulting	5/20/16 OC Water Summit	150.00
05/06/16	Brown & Caldwell	5/20/16 OC Water Summit sponsorship	1,600.00
05/12/16	Santa Margarita Water District	5/20/16 OC Water Summit sponsorship	1,470.00
05/12/16	Best Best & Krieger	5/20/16 OC Water Summit sponsorship	2,000.00
05/16/16	Lewis Consulting	5/20/16 OC Water Summit sponsorship	1,000.00
05/20/16	Carollo	5/20/16 OC Water Summit sponsorship	2,000.00
05/20/16	Poseidon Resources	5/20/16 OC Water Summit sponsorship	1,600.00
05/02/16	Darcy Burke	May 2016 COBRA insurance premium	1,293.82
05/27/16	Stan Sprague	June 2016 Retiree medical insurance premium	211.14
05/11/16	Pat Meszaros	Movie tickets	68.00
05/12/16	Cathy Green	Movie tickets	85.00
05/18/16	Christina Fuller	Movie tickets	32.00
05/27/16	US Bank	CAL Card rebate check	577.69
05/02/16	Employment Development Department	EDD Overpayment Refund	13.96
05/06/16	Western Municipal Water District	Reimbursement for 25% of cost for 2/24/16 DC Briefing Luncheon	682.95
05/13/16	Colorado River Authority of CA	Reimbursement for lunch on CRA tour on April 28, 2016	576.00
05/09/16	Irvine Ranch Water District	February 2016 Smart Timer rebate program	600.00
05/18/16	Mesa Water	March 2016 Smart Timer rebate program	230.00
05/20/16	City of Fountain Valley	March 2016 Smart Timer rebate program	75.00
05/27/16	City of Brea	March 2016 Smart Timer rebate program	225.00
05/06/16	City of La Habra	February 2016 Turf Removal rebate program	105.00
05/02/16	City of San Juan Capistrano	Feb-Mar 2016 Turf Removal rebate program	1,948.76
05/13/16	City of San Clemente	March 2016 Turf Removal rebate program	1,546.00
05/16/16	Golden State Water Company	March 2016 Turf Removal rebate program	111.00
05/20/16	City of Huntington Beach	March 2016 Turf Removal rebate program	525.00
05/20/16	Laguna Beach County Water District	March 2016 Turf Removal rebate program	2,268.00
05/25/16	Irvine Ranch Water District	March 2016 Turf Removal rebate program	1,015.00
05/27/16	City of Garden Grove	March 2016 Turf Removal rebate program	1,493.80
05/02/16	Yorba Linda Water District	February 2016 Smart Timer and Turf Removal rebate program	724.69
05/16/16	Moulton Niguel Water District	March 2016 Smart Timer, Rotating Nozzle & Turf Removal rebate program	488,048.35
05/18/16	Irvine Ranch Water District	March 2016 So Cal Watersmart Commercial rebate program	160,000.00
05/16/16	Moulton Niguel Water District	March 2016 So Cal Watersmart Residential rebate program	26,737.58
05/16/16	Trabuco Canyon Water District	March 2016 So Cal Watersmart Residential rebate program	650.00
05/18/16	Irvine Ranch Water District	March 2016 So Cal Watersmart Residential rebate program	56,755.09
05/18/16	Santa Margarita Water District	March 2016 So Cal Watersmart Residential rebate program	7,205.00
05/18/16	Santa Margarita Water District	March 2016 Spray to Drip rebate program	134.50
05/09/16	Department of Water Resources	Oct-Dec 2015 Comprehensive Landscape WUE	1,484.75
05/02/16	Bureau of Reclamation	Oct 15-Mar 16 Comprehensive Landscape WUE	15,871.95
05/10/16	Bureau of Reclamation	Oct 15-Mar 16 Industrial Process Water Use program	14,554.00
05/10/16	Bureau of Reclamation	Oct 15-Mar 16 Online Irrigation Base Scheduler Calculator	30,379.49
05/10/16	Bureau of Reclamation	Oct 15-Mar 16 Spray to Drip Conversion Pilot Project	12,354.36


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

MISCELLANEOUS REVENUES

Date	From	Description	Amount
05/02/16	El Toro Water District	Water Loss Control technical assistance - WSO, Inc.	9,432.00
05/09/16	City of Buena Park	Water Loss Control technical assistance - WSO, Inc.	12,492.00
05/27/16	City of Anaheim	WEROC Funding for FY 2015-2016	10,777.00
TOTAL MISCELLANEOUS REVENUES			\$ 883,708.95
TOTAL REVENUES			\$ 9,604,310.98



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
Core Expenditures:		
	Richard Ackerman	
1109	May 2016 Legal consulting on water policy issues	3,675.00
	*** Total ***	3,675.00
	Aleshire & Wynder LLP	
37399-400	April 2016 Legal services	1,524.51
	*** Total ***	1,524.51
	ALTA FoodCraft	
516051425	5/18/16 Coffee & tea supplies	302.10
	*** Total ***	302.10
	Arcadis US, Inc.	
0783660	March 2016 Services for development of Urban Water Management plan	65,639.70
	*** Total ***	65,639.70
	Best Best and Krieger LLP	
55401-APR16	April 2016 Legal services	7,158.27
771934	April 2016 State legislative advocacy services	7,994.96
	*** Total ***	15,153.23
	Business Comm. Solutions	
84724	5/3/16-5/2/17 Cisco Smartnet and Voice Smartnet license for phone system	2,233.00
	*** Total ***	2,233.00
	CDM Smith	
80554972/17	4/3/16-4/30/16 Engineering services for Water Reliability Investigation	17,820.00
	*** Total ***	17,820.00
	CDW Government	
DDF3225	5/12/16-5/11/17 Symantec Anti-Virus software renewal for 40 licenses	1,960.00
	*** Total ***	1,960.00
	Fry's Electronics	
21414104	5/16/16 Computer components	319.01
21414106	5/16/16 Computer supplies	3.62
21416262	5/17/16 Computer supplies	53.99
	*** Total ***	376.62
	Michael R. Gunson	
052016	5/20/16 OC Water Summit speaker expense reimbursement	33.50
	*** Total ***	33.50
	James C. Barker, P.C.	
105-0516	May 2016 Federal legislative advocacy services	8,000.00
	*** Total ***	8,000.00

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<i>Karen's Detail Custom Frames</i>	
2789	Custom framing for 18 proclamations	933.12
2791	6 Proclamations re-framed	77.76
	*** Total ***	1,010.88
	<i>Lewis Consulting Group, LLC</i>	
2016-126	May 2016 Consulting services	3,750.00
	*** Total ***	3,750.00
	<i>Los Angeles Times</i>	
10010337289-2016	6/14/16-6/15/17 Annual subscription	155.46
	*** Total ***	155.46
	<i>Edward G. Means III</i>	
MWDOC-1038	April 2016 Support on Metropolitan issues & strategic guidance to Engineering department	1,010.80
	*** Total ***	1,010.80
	<i>Office Solutions</i>	
I-00955536	5/5/16 Office supplies & 400 business cards for OC Water Summit	51.81
I-00955801	5/6/16 Office supplies	6.48
I-00956974	5/9/16 Office supplies	45.77
I-00959482	5/12/16 Office supplies for 5/20/16 OC Water Summit	168.42
I-00959499	5/12/16 Office supplies	75.34
I-00959660	45 Acrylic table tent frames for Public Affairs events	850.50
I-00960063	5/13/16 Office supplies for 5/20/16 OC Water Summit	205.15
I-00965787	5/25/16 Office supplies	107.98
I-00966174	5/25/16 Office supplies	255.32
I-00967320	5/27/16 Office supplies	155.26
I-00967827	5/27/16 Office supplies	87.35
I-00969141	6/1/16 Office supplies	123.07
	*** Total ***	2,132.45
	<i>Orange County Water District</i>	
16204	April 2016 50% of WACO expenses	235.00
16225	April 2016 Postage, shared office & maintenance expense	8,297.71
	*** Total ***	8,532.71
	<i>Patricia Kennedy Inc.</i>	
20848	June 2016 Plant maintenance	214.00
	*** Total ***	214.00
	<i>Queen Beach Printers, Inc.</i>	
360653011	375 Printed programs for 5/20/16 OC Water Summit	2,192.40
360654011	19 Posters printed for the 5/20/16 OC Water Summit	712.80
	*** Total ***	2,905.20

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	Quick Signs & Graphics	
44615	8' x 8' Fabric logo banner for 5/20/16 OC Water Summit event	383.40
44697	3 Banners for 5/20/16 OC Water Summit event	624.78
44698	3 Event display stands	453.44
	*** Total ***	1,461.62
	Ricoh USA, Inc.	
1062903270	1 Ricoh Pro printer with accessories and training	28,520.99
	*** Total ***	28,520.99
	Staples Advantage	
8039070669	4/30/16 Office supplies	105.68
8039364347	5/21/16 Office supplies	9.39
	*** Total ***	115.07
	Tangram	
525172	1 Ergonomic chair	730.43
	*** Total ***	730.43
	U.S. Bank N.A.	
FY 15-16	2016 Annual OPEB contribution	107,332.18
	*** Total ***	107,332.18
	Z Cater	
48091	5/17/16 Breakfast for Women in Water meeting	670.40
	*** Total ***	670.40
	Total Core Expenditures	<hr/> 275,259.85

Choice Expenditures:

	Chambers Group Inc.	
30690	April 2016 Baseline environmental monitoring for Doheny Ocean Desal project	7,845.65
	*** Total ***	7,845.65
	Discovery Science Center	
DSOC/IV/14-	April 2016 School program	15,012.45
	*** Total ***	15,012.45
	Orange County Water District	
16225	April 2016 Postage for WUE rebate programs	398.55
	*** Total ***	398.55
	Sunset	
600101589	8,500 Waterwise booklets	13,365.00
	*** Total ***	13,365.00

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<i>Top Hat Productions</i>	
91686	5/31/16 Lunch for Water Loss Control workgroup	403.38
	*** Total ***	403.38
	<i>Total Choice Expenditures</i>	<hr/> 37,025.03
<i>Other Funds Expenditures:</i>		
	<i>AquaFicient Consulting</i>	
03-007	February-March 2016 Landscape Performance Certification program funded by IRWD & MET	3,600.00
	*** Total ***	3,600.00
	<i>Mission RCD</i>	
1995	April 2016 Field verifications for rebate programs	11,516.40
1995A	April 2016 Services to perform Turf Removal inspections	5,251.05
	*** Total ***	16,767.45
	<i>Total Other Funds Expenditures</i>	<hr/> 20,367.45
	<i>Total Expenditures</i>	<hr/> <hr/> 332,652.33

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

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
Core Disbursements:				
134237	5/2/16	TIMEWA 5210-MAY16	Time Warner Cable May 2016 Telephone and internet expense ***Total ***	 1,280.57 1,280.57
134238	5/2/16	VERIZO 9764307803	Verizon Wireless April 2016 4G Mobile broadband unlimited service ***Total ***	 76.02 76.02
134240	5/13/16	ACKEEX 043016	Linda Ackerman April 2016 Business expense ***Total ***	 45.36 45.36
134245	5/13/16	C3OFFI INV50868	C3 Office Solutions LLC May 2016 Canon copier maintenance ***Total ***	 262.13 262.13
134248	5/13/16	DELAGE 49770827	De Lage Landen Public Finance May 2016 Canon copier lease ***Total ***	 509.00 509.00
134253	5/13/16	IRONMO MNU9171	Iron Mountain May 2016 Storage/retrieval of archived document ***Total ***	 446.14 446.14
134254	5/13/16	HOSTER 043016	Kevin Hostert March-April 2016 Business expense ***Total ***	 101.52 101.52
134256	5/13/16	LYONKE 043016	Keith Lyon April 2016 Business expense ***Total ***	 15.82 15.82
134259	5/13/16	TIMEWA 3564-MAY16	Time Warner Cable May 2016 Telephone expense for 4 analog fax lines ***Total ***	 143.43 143.43
134261	5/13/16	VOLZKE 043016	Jonathan Volzke April 2016 Business expense ***Total ***	 296.19 296.19
ACH001968	5/13/16	BACATI 042816	Tiffany Baca March-April 2016 Business expense ***Total ***	 268.82 268.82

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

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
ACH001969	5/13/16	BERGJO	Joseph Berg	
		042216	April 2016 Business expense	118.35
			***Total ***	118.35
ACH001975	5/13/16	DELATO	Harvey De La Torre	
		042816	April 2016 Business expense	90.30
			***Total ***	90.30
ACH001976	5/13/16	DICKEX	Larry Dick	
		043016	April 2016 Business expense	136.08
			***Total ***	136.08
ACH001977	5/13/16	DINHPA	Patrick Dinh	
		043016	April 2016 Business expense	31.60
			***Total ***	31.60
ACH001979	5/13/16	FAHLBE	Beth Fahl	
		043016	March-April 2016 Business expense	17.50
			***Total ***	17.50
ACH001981	5/13/16	FINNEG	Joan Finnegan	
		043016	April 2016 Business expense	100.80
			***Total ***	100.80
ACH001982	5/13/16	HINMAN	Susan Hinman	
		043016	April 2016 Business expense	476.08
			***Total ***	476.08
ACH001984	5/13/16	LOEWEN	Laura Loewen	
		043016	April 2016 Business expense	205.15
			***Total ***	205.15
ACH001991	5/13/16	ROBERT	Bryce Roberto	
		043016	April 2016 Business expense	102.96
			***Total ***	102.96
134534	5/31/16	HEDGES	Steve Hedges	
		043016	April 2016 Business expense	44.61
			***Total ***	44.61
134553	5/31/16	USBANK	U.S. Bank	
		4140/5443-APR16	Cal Card charges 3/22/16-4/22/16	7,571.94
			***Total ***	7,571.94
			(See attached sheet for details)	
ACH001994	5/31/16	BAEZHE	Heather Baez	
		031816	March 2016 Business expense	36.00
ACH001995	5/31/16	053116	April-May 2016 Business expense	184.25
			***Total ***	220.25

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

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
ACH001996	5/31/16	DELATO 050616	Harvey De La Torre May 2016 Business expense ***Total ***	422.97 422.97
ACH001999	5/31/16	HUNTER 043016	Robert J. Hunter April 2016 Business expense ***Total ***	10.00 10.00
ACH002005	5/31/16	THOMAS 043016	Jeffery Thomas April 2016 Business expense ***Total ***	108.00 108.00
Total Core Disbursements				13,101.59

Choice Disbursements:

ACH001969	5/13/16	BERGJO 042216	Joseph Berg April 2016 Business expense ***Total ***	10.68 10.68
ACH001979	5/13/16	FAHLBE 043016	Beth Fahl March-April 2016 Business expense ***Total ***	26.07 26.07
134538	5/31/16	SDGE 7768-MAY16	San Diego Gas and Electric 4/20/16-5/19/16 Electrical service for Doheny Ocean Desal project ***Total ***	115.85 115.85
Total Choice Disbursements				152.60

Other Funds Disbursements:

134238	5/2/16	VERIZO 9764307803	Verizon Wireless April 2016 4G Mobile broadband unlimited service ***Total ***	38.01 38.01
134239	5/11/16	TURFRP TR6-SM-7581-21951	Turf Removal Program B. Richey ***Total ***	1,344.00 1,344.00
134243	5/13/16	ATTUVEOC 8599-MAY16	AT&T May 2016 U-verse internet service for WEROC N. EOC ***Total ***	55.00 55.00

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

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
134257	5/13/16	OCWD 16162	Orange County Water District March 2016 GWRS MET credit ***Total ***	 755,757.45 755,757.45
		TURFRP	Turf Removal Program	
134263	5/13/16	TR6-MESA-8023-988	A. Brancheau (re-issue)	1,140.00
134264	5/13/16	TR7-IRWD-23519-20242	G. Kirk (re-issue)	1,966.00
134265	5/13/16	TR5W-SM-4247	Y. Lu (re-issue)	7,639.86
134266	5/13/16	TR6-BREA-8646-225	City of Brea	9,005.00
134267	5/13/16	TR6-BREA-8647-252	City of Brea	4,430.00
134268	5/13/16	TR6-LH-9065-2331	J. Gonzalez	553.70
134269	5/13/16	TR6-NWPT-9439-4701	H. Chung	2,648.00
134270	5/13/16	TR6-SJC-6144-28334	V. Cachia	6,000.00
134271	5/13/16	TR6-SJC-7940-32221	Casitas De Alipaz HOA (San Juan Capistrano)	22,833.00
134272	5/13/16	TR6-WEST-7160-9361	A. Pham	3,186.00
134273	5/13/16	TR6-WEST-8941-13792	J. Vilander	6,000.00
134274	5/13/16	TR7-ETWD-24118-24162	E. Berger	2,594.00
134275	5/13/16	TR7-ETWD-24807-25245	K. Alalhessabi	3,178.00
134276	5/13/16	TR5W-GSWC-4003	C. Yang	962.00
134277	5/13/16	TR6-GSWC-7740-5714	R. Topor	3,566.00
134278	5/13/16	TR6-GSWC-8174-11315	Y. Youn	848.00
134279	5/13/16	TR6-GSWC-9582-11102	M. Mcdonald	4,398.00
134280	5/13/16	TR5W-IRWD-4092	A. Pai	4,344.00
134281	5/13/16	TR5W-IRWD-4819	G. Padron (Newport Beach)	7,966.00
134282	5/13/16	TR5W-IRWD-5163	J. Walcher	1,790.00
134283	5/13/16	TR5W-IRWD-5733	D. Bloomgren	3,800.00
134284	5/13/16	TR5W-IRWD-5769	B. Hillman	992.00
134285	5/13/16	TR5W-IRWD-5844	S. Edwards	1,710.00
134286	5/13/16	TR6-IRWD-10111-2831	J. Thomas	1,016.00
134287	5/13/16	TR6-IRWD-10283-25131	D. Smith	656.00
134288	5/13/16	TR6-IRWD-10492-16	B. Garizi	626.00
134289	5/13/16	TR6-IRWD-6099-4	M. Adnani	686.00
134290	5/13/16	TR6-IRWD-9670-11	L. Terres	500.00
134291	5/13/16	TR7-IRWD-11101-21272	P. Gupta	2,678.00
134292	5/13/16	TR7-IRWD-11110-21482	M. Hart	682.00
134293	5/13/16	TR7-IRWD-11662-20111	M. Clark	1,990.00
134294	5/13/16	TR7-IRWD-11785-21785	J. McFadden	618.00
134295	5/13/16	TR7-IRWD-11796-10	S. Lee	1,412.00
134296	5/13/16	TR7-IRWD-11894-13811	P. Pattanasinth	1,282.00
134297	5/13/16	TR7-IRWD-11914-48	J. Hughes	1,874.00
134298	5/13/16	TR7-IRWD-11975-28591	L. Statham	650.00
134299	5/13/16	TR7-IRWD-12129-22682	A. Rueckert	1,452.00
134300	5/13/16	TR7-IRWD-23427-31	C. Quinn	5,060.00
134301	5/13/16	TR7-IRWD-23529-11	P. Lee	1,728.00
134302	5/13/16	TR7-IRWD-23599-24	J. Gillespie	3,260.00
134303	5/13/16	TR7-IRWD-23662-6920	P. Formby	4,836.00
134304	5/13/16	TR7-IRWD-23753-28651	M. Okano	1,664.00
134305	5/13/16	TR7-IRWD-23826-3681	B. Malohn	1,620.00
134306	5/13/16	TR7-IRWD-23836-5051	J. Cain	562.87

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Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
134356	5/13/16	TR6-TUST-7053-525	R. Emerson	759.00
134357	5/13/16	TR6-TUST-8263-1861	K. DeBest	858.00
134358	5/13/16	TR6-TUST-8842-14292	E. Scott	3,333.00
134359	5/13/16	TR6-MNT-6085-27716	Highland Park Community Association (Mission Viejo)	17,141.23
			***Total ***	510,928.73
ACH001969	5/13/16	BERGJO 042216	Joseph Berg April 2015 Business expense	4.50
			***Total ***	4.50
		TURFRP	Turf Removal Program	
134360	5/17/16	TR6-MESA-10610-1725	Allen Tire Co (Costa Mesa) (re-issue)	1,743.00
134361	5/17/16	TR5W-MNT-8568	S. Baker (re-issue)	7,715.90
134362	5/17/16	TR6-BREA-10045-832	B. Powers	2,896.00
134363	5/17/16	TR6-BREA-10170-1978	M. Sutton	680.00
134364	5/17/16	TR6-BREA-10422-950	Evangelical Christian Credit Union (Brea)	2,698.00
134365	5/17/16	TR6-BREA-8648-180	City of Brea	8,426.00
134366	5/17/16	TR6-BP-7561-5641	D. Kim	1,157.45
134367	5/17/16	TR6-GG-10132-11562	L. Fabian	3,078.00
134368	5/17/16	TR6-GG-6291-9741	Y. Han	3,696.00
134369	5/17/16	TR6-GG-7963-9431	T. Dang	6,000.00
134370	5/17/16	TR6-HB-6703-5851	M. Jackson	449.79
134371	5/17/16	TR6-HB-9095-10391	F. Villani	4,760.00
134372	5/17/16	TR6-HB-9986-9561	B. Barton	481.07
134373	5/17/16	TR6-O-7072-274	P. Juback	2,649.31
134374	5/17/16	TR5-SJC-026	K. Holman	1,042.00
134375	5/17/16	TR6-SJC-7178-31496	J. Verbeerst	6,000.00
134376	5/17/16	TR6-ETWD-10115-23712	C. Collins	1,086.33
134377	5/17/16	TR7-ETWD-24078-23462	C. Bellizzi	812.65
134378	5/17/16	TR7-ETWD-24783-22552	J. Pherrin	1,350.00
134379	5/17/16	TR5W-GSWC-5188	V. Lange	26,594.00
134380	5/17/16	TR6-GSWC-7062-12002	K. Meyer	1,554.00
134381	5/17/16	TR6-GSWC-7488-1324	D. Martinez	3,952.00
134382	5/17/16	TR5W-IRWD-4073	L. McFarland	450.00
134383	5/17/16	TR5W-IRWD-5870	C. Gould	822.00
134384	5/17/16	TR6-IRWD-7382-22951	S. Hurd	2,168.00
134385	5/17/16	TR6-IRWD-7423-15221	A. Rawlings	1,944.00
134386	5/17/16	TR6-IRWD-7657-28366	K. Suchman	296.00
134387	5/17/16	TR6-IRWD-8146-28782	C. Hardwick	1,114.00
134388	5/17/16	TR6-IRWD-8793-24145	C. Solis	1,608.00
134389	5/17/16	TR6-IRWD-9429-12	M. Chinnaiiah	1,622.03
134390	5/17/16	TR6-IRWD-9493-134	R. Yellapu	894.00
134391	5/17/16	TR7-IRWD-11557-6	R. Liu	798.00
134392	5/17/16	TR7-IRWD-23442-4	M. Maragay	846.00
134393	5/17/16	TR7-IRWD-23569-19652	R. Alford	2,338.00
134394	5/17/16	TR7-IRWD-23654-24496	A. Regnier	1,158.00
134395	5/17/16	TR7-IRWD-23805-15	R. Mannix	970.00
134396	5/17/16	TR7-IRWD-23968-38	C. Cheang	399.65
134397	5/17/16	TR6-MESA-10549-951	E. Hayes	2,316.00

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134307	5/13/16	TR7-IRWD-23872-4832	R. Camero	2,814.00
134308	5/13/16	TR7-IRWD-23895-157	L. Behrens	256.00
134309	5/13/16	TR7-IRWD-23934-19362	G. Gregson	1,542.00
134310	5/13/16	TR7-IRWD-23956-4161	S. Russell	1,932.00
134311	5/13/16	TR7-IRWD-23975-226	A. Reddin	2,920.00
134312	5/13/16	TR7-IRWD-23991-40	C. Rousselle	5,844.00
134313	5/13/16	TR7-IRWD-23995-7	K. Aijaz	1,874.00
134314	5/13/16	TR7-IRWD-24021-3762	W. O'Neill	2,006.00
134315	5/13/16	TR7-IRWD-24024-74	S. Jatana	502.00
134316	5/13/16	TR7-IRWD-24051-26	K. Nguyen	1,026.00
134317	5/13/16	TR7-IRWD-24105-14321	C. Matics	642.00
134318	5/13/16	TR7-IRWD-24802-35	K. Khanna	5,424.00
134319	5/13/16	TR6-LB-8241-1625	L. Ray	2,880.00
134320	5/13/16	TR5-MESA-084	J. Hacker	868.00
134321	5/13/16	TR6-MNT-6068-28481	Rolling Hills HOA (Laguna Niguel)	104,093.50
134322	5/13/16	TR6-MNT-6077-25009	Baja Finistera HOA (Mission Viejo)	23,337.50
134323	5/13/16	TR6-MNT-6529-26941	D. Griffith	14,435.00
134324	5/13/16	TR6-MNT-7050-29581	D. Fletcher	3,556.00
134325	5/13/16	TR6-MNT-7185-26532	D. Hernandez	5,505.00
134326	5/13/16	TR6-MNT-7215-2	J. Blair	5,635.00
134327	5/13/16	TR6-MNT-7287-22964	Aliso Villas Homeowners Association (Mission Viejo)	63,392.00
134328	5/13/16	TR6-MNT-8024-37	R. Ulnick	7,596.00
134329	5/13/16	TR7-MNT-10623-4	Laguna Audubon Vistas HOA (Aliso Viejo)	15,000.00
134330	5/13/16	TR7-MNT-11029-25051	C. Watters	5,475.50
134331	5/13/16	TR7-MNT-23490-25022	S. Hameed	1,438.50
134332	5/13/16	TR7-MNT-23546-28981	R. Parry	980.00
134333	5/13/16	TR7-MNT-23609-26306	S. Hatzler	3,118.50
134334	5/13/16	TR7-MNT-23660-31446	M. Shadab	4,809.00
134335	5/13/16	TR7-MNT-23744-24632	T. Sandefur	1,085.46
134336	5/13/16	TR7-MNT-23749-29262	G. Jotblad	2,556.00
134337	5/13/16	TR7-MNT-23764-24551	C. Crofton	4,007.50
134338	5/13/16	TR7-MNT-23867-31921	A. Gerayli	1,470.00
134339	5/13/16	TR7-MNT-23873-26161	J. Orlando	1,250.00
134340	5/13/16	TR7-MNT-23886-9	P. Pearson	1,508.50
134341	5/13/16	TR7-MNT-23952-27601	Three Flags Center (Laguna Niguel)	1,450.00
134342	5/13/16	TR7-MNT-23999-28581	R. Cormier	1,225.00
134343	5/13/16	TR7-MNT-24044-24852	R. Radparvar	5,206.00
134344	5/13/16	TR7-MNT-24076-25012	M. Molt	2,200.00
134345	5/13/16	TR7-MNT-24103-28132	R. Nishi	1,428.00
134346	5/13/16	TR7-MNT-24745-23711	H. Patel	2,054.50
134347	5/13/16	TR7-MNT-24761-26936	M. Schwarz	3,143.00
134348	5/13/16	TR5W-SM-3627	J. Makemson	1,368.00
134349	5/13/16	TR6-SM-7888-21906	R. Schmidt	840.00
134350	5/13/16	TR6-SM-7907-21805	J. Olminkhof	5,765.61
134351	5/13/16	TR5W-SWD-4201	J. Jain	6,000.00
134352	5/13/16	TR6-SWD-6633-18292	L. Steensland	5,320.00
134353	5/13/16	TR6-YLWD-7625-22677	Countryside Suites (Yorba Linda)	8,966.00
134354	5/13/16	TR6-YLWD-8802-27900	T. O'Connor	2,790.00
134355	5/13/16	TR6-YLWD-9259-1092	J. Donnelly	3,900.00

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Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
134398	5/17/16	TR5W-MNT-4941	D. Parks	1,401.14
134399	5/17/16	TR5W-MNT-5017	E. Smith	1,158.50
134400	5/17/16	TR5W-MNT-5666	J. Ward	2,134.42
134401	5/17/16	TR6-MNT-10291-25841	M. Perez	9,543.00
134402	5/17/16	TR6-MNT-6388-24962	R. Loftin	4,084.05
134403	5/17/16	TR6-MNT-6755-1	El Niguel Heights Community Assoc. (Laguna Niguel)	15,310.00
134404	5/17/16	TR6-MNT-7164-24851	I. Berg	626.07
134405	5/17/16	TR6-MNT-7651-29206	J. Hobbs	1,193.50
134406	5/17/16	TR6-MNT-9544-21	D. Sikes	2,418.50
134407	5/17/16	TR7-MNT-11081-30351	El Niguel Terrace HOA (Laguna Niguel)	16,300.00
134408	5/17/16	TR7-MNT-11339-16	N. Banh	2,854.00
134409	5/17/16	TR7-MNT-12005-18	J. Berger	764.00
134410	5/17/16	TR7-MNT-23670-94	E. Talley	1,050.00
134411	5/17/16	TR7-MNT-23785-25112	F. Feher	1,794.00
134412	5/17/16	TR7-MNT-23850-24581	T. Duray	8,820.00
134413	5/17/16	TR7-MNT-24064-27682	F. Maleki	316.00
134414	5/17/16	TR7-MNT-24853-26116	V. Rhebeck	7,437.50
134415	5/17/16	TR5W-SM-4342	Arroyo Maintenance Corp. (Mission Viejo)	25,000.00
134416	5/17/16	TR5W-SM-5994	J. Stewart	2,646.00
134417	5/17/16	TR6-SM-6450-22022	G. Adams	826.00
134418	5/17/16	TR6-SM-7042-24182	L. Tully	770.00
134419	5/17/16	TR6-SM-7770-25	D. Chapman	1,404.00
134420	5/17/16	TR6-SM-8211-21952	S. Marston	1,076.00
134421	5/17/16	TR6-SM-8862-7	R. Zdonek	1,700.00
134422	5/17/16	TR5W-SOCO-4146	B. Kerr	2,332.00
134423	5/17/16	TR5W-SOCO-5303	T. Torres	1,370.00
134424	5/17/16	TR6-SOCO-8921-422	Summer Place HOA (San Clemente)	6,655.00
134425	5/17/16	TR6-YLWD-7556-4611	W. Lawrence	6,000.00
134426	5/17/16	TR6-YLWD-8681-4441	K. Clark	5,540.00
134427	5/17/16	TR6-YLWD-8788-17220	K. Rehnquist	2,576.00
134428	5/17/16	TR6-YLWD-9560-5540	C. Putcha	1,096.19
134429	5/17/16	TR6-YLWD-9657-17937	K. Rosenberger	2,440.00
			***Total ***	247,201.05
		TURFRP	Turf Removal Program	
134436	5/18/16	TR5W-IRWD-5946	V. Gardner	599.99
134437	5/18/16	TR7-ETWD-11055-	Alcalde/Park Laguna LP (Laguna Hills) (re-issue)	4,186.00
134438	5/18/16	TR7-MESA-11930-1855	C. Johnson	2,400.00
134439	5/18/16	TR7-R-IRWD-761-713	O. Gonzalez	728.00
134440	5/18/16	TR7-R-IRWD-780-729	R. Bartlett	1,098.00
134441	5/18/16	TR7-R-MNT-763-715	M. Harris	2,877.50
134442	5/18/16	TR7-R-IRWD-3129-3069	G. Walsh	500.00
134443	5/18/16	TR7-R-NWPT-3094-3035	C. Fisher	570.00
134444	5/18/16	TR7-R-HB-3125-3065	K. Lengsfeld	900.00
134445	5/18/16	TR7-R-TC-3139-3080	R. Epstein	1,152.00
134446	5/18/16	TR7-R-BREA-3140-3081	H. DiCroce	1,000.00
134447	5/18/16	TR7-R-IRWD-3162-3097	P. Sim	494.00
134448	5/18/16	TR7-O-23576-271	S. Liao	1,928.00
134449	5/18/16	TR7-R-SM-3072-3015	J. Tolbert	2,076.00

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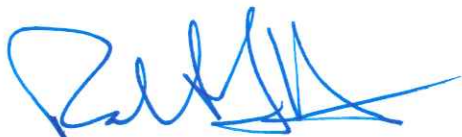
Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
134450	5/18/16	TR7-SM-23633-28122	I. Disher	916.00
134451	5/18/16	TR7-HB-23644-6022	K. McMahan	2,400.00
134452	5/18/16	TR7-YLWD-23650-1990	R. Frager	1,888.00
134453	5/18/16	TR7-HB-24006-9401	T. Haller	1,150.00
134454	5/18/16	TR7-YLWD-24102-18195	T. Nguyen	4,200.00
134455	5/18/16	TR7-LB-24108-2329	K. Bisconti	1,200.00
134456	5/18/16	TR7-SM-24806-5	E. Glidden	532.00
134457	5/18/16	TR7-GG-11292-12722	J. Barragan	4,416.00
134458	5/18/16	TR7-SOCO-11299-24591	N. Lococo	3,388.00
134459	5/18/16	TR7-SM-11309-23929	J. Lao	2,964.00
134460	5/18/16	TR7-SOCO-11317-32571	H. Wolk	4,526.00
134461	5/18/16	TR7-SOCO-11326-33	J. Mair	1,340.00
134462	5/18/16	TR7-SC-10620-3409	D. Bascom	2,200.00
134463	5/18/16	TR7-HB-11050-19105	L. Kridle	1,140.00
134464	5/18/16	TR7-WEST-11509-9661	M. Medeiros	5,200.00
134465	5/18/16	TR7-HB-11522-19671	A. Vida	844.00
134466	5/18/16	TR7-TUST-11344-13541	Y. Wang	3,550.00
134467	5/18/16	TR7-R-HB-2047-1997	G. Guyll	500.00
134468	5/18/16	TR7-SWD-11629-19081	M. Ziari	4,454.00
134469	5/18/16	TR7-YLWD-11655-4665	C. Brooks	1,458.00
134470	5/18/16	TR7-R-MNT-758-710	M. Kubicek	1,412.00
134471	5/18/16	TR7-SC-11669-4808	P. Foster	4,400.00
134472	5/18/16	TR7-HB-11686-20852	R. Pyle	1,310.00
134473	5/18/16	TR7-HB-11698-6931	W. Gi	4,820.00
134474	5/18/16	TR7-SM-11721-37	C. Tran	704.00
134475	5/18/16	TR7-SJC-11725-29456	L. Hill	280.00
134476	5/18/16	TR7-SM-23820-21282	M. Austin	854.00
134477	5/18/16	TR7-SC-23821-2304	J. Robles	900.00
134478	5/18/16	TR7-SM-23891-21932	A. Zupanski	704.00
134479	5/18/16	TR7-NWPT-23878-1934	M. Becker	1,300.00
134480	5/18/16	TR7-O-23883-278	M. Mayhew	1,248.00
134481	5/18/16	TR7-HB-23906-6572	R. Israel	3,400.00
134482	5/18/16	TR7-SM-23921-28	D. Mathews	1,096.00
134483	5/18/16	TR7-HB-23926-14881	A. Wenberg	1,588.00
134484	5/18/16	TR7-LB-23932-1514	H. Bacon	1,100.00
134485	5/18/16	TR7-SM-23941-32	R. Murray	1,548.00
134486	5/18/16	TR7-SWD-11414-18951	D. Hart	6,000.00
134487	5/18/16	TR7-YLWD-11440-5605	T. Petruk	3,298.00
134488	5/18/16	TR7-SM-11491-52	J. Oh	1,540.00
134489	5/18/16	TR7-BP-11239-1	S. Moulton	2,550.00
134490	5/18/16	TR7-HB-11249-6151	E. Martinez	1,622.00
134491	5/18/16	TR7-R-WEST-746-697	V. Bradshaw	2,054.00
134492	5/18/16	TR7-HB-11026-8881	N. Boren	800.00
134493	5/18/16	TR7-R-IRWD-1983-1919	F. Williamson	478.00
134494	5/18/16	TR7-R-SM-2069-2014	D. Wagner	800.00
134495	5/18/16	TR7-HB-11372-5801	J. Goetsch	3,666.00
134496	5/18/16	TR7-R-BREA-2044-1994	K. Smith	400.00
134497	5/18/16	TR7-HB-11381-6462	C. Kieva	3,000.00
134498	5/18/16	TR7-SM-11398-13	D. Holmes	1,190.00

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Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
134499	5/18/16	TR7-R-SOCO-2072-2015	B. Glickman	2,024.00
134500	5/18/16	TR7-SJC-11531-25642	F. Rizzo	1,120.00
134501	5/18/16	TR7-FV-11536-8914	L. Duvall	1,244.00
134502	5/18/16	TR7-O-11794-231	P. Sathienvantanee	4,296.00
134503	5/18/16	TR7-YLWD-11811-3700	E. Grau	2,880.00
134504	5/18/16	TR7-SM-11970-25571	J. Bleecker	776.00
134505	5/18/16	TR7-R-NWPT-752-703	R. Junker	4,824.00
134506	5/18/16	TR7-R-MNT-700-671	A. Kafka	2,205.00
134507	5/18/16	TR7-R-ETWD-686-665	L. Lex	776.00
134508	5/18/16	TR7-R-MNT-751-702	D. Camilla	6,000.00
134509	5/18/16	TR7-R-SC-767-719	D. Schulz	1,900.00
134510	5/18/16	TR7-R-IRWD-766-718	C. Cymbor	1,202.00
134511	5/18/16	TR7-R-SM-783-732	A. Scherz	1,336.00
134512	5/18/16	TR7-HB-24827-5541	M. Gad	1,060.00
134513	5/18/16	TR7-IRWD-24872-2479	T. Blackledge	798.00
134514	5/18/16	TR7-SM-24874-24	K. Stedman	1,900.00
134515	5/18/16	TR7-R-HB-959-896	M. Berry	1,660.00
134516	5/18/16	TR7-MNT-24894-24271	D. Skaggs	1,050.00
134517	5/18/16	TR7-R-SC-3130-3070	D. Tanzer	468.00
134518	5/18/16	TR7-MNT-24885-27645	G. MacFarlane	647.50
134519	5/18/16	TR7-TUST-24832-14231	B. De La Riva	5,206.00
134520	5/18/16	TR7-R-SM-964-902	A. Coppersmith	1,554.00
134521	5/18/16	TR7-BREA-24900-1362	J. Cenname	5,510.00
134522	5/18/16	TR7-R-SM-945-883	D. Tong	6,000.00
134523	5/18/16	TR7-R-IRWD-3091-3032	W. Steinau	996.00
134524	5/18/16	TR7-MNT-24875-28421	C. Cindrich	2,219.00
134525	5/18/16	TR7-TUST-11889-13165	S. Laurent-Michel	4,530.00
134526	5/18/16	TR7-R-NWPT-3088-3029	T. Watson	952.00
134527	5/18/16	TR7-R-O-3092-3033	A. Lee	2,560.00
134528	5/18/16	TR7-SJC-11896-25221	J. Smith	1,352.00
134529	5/18/16	TR7-YLWD-24082-1047B	Broadmoor Placentia HOA (Placentia)	919.00
			***Total ***	192,801.99
134531	5/31/16	ATTEOC	AT&T	
		4492-MAY16	May 2016 WEROC N. EOC telephone expense	250.03
		8200-MAY16	May 2016 WEROC S. EOC telephone expense	179.93
		0532-MAY16	May 2016 WEROC N. EOC dedicated phone line	53.39
				483.35
134532	5/31/16	CATALI	Catalina Island Conservancy	
		0012780	May 2016 WEROC radio repeater site lease	1,636.47
			***Total ***	1,636.47
		DRIPPR	Spray to Drip Program	
134540	5/31/16	S2D-HBCH-3869	M. Gad	175.00
134541	5/31/16	S2D-IRWD-3887	S. Palm	350.00
134542	5/31/16	S2D-IRWD-3914	D. Lathrop	222.68
134543	5/31/16	S2D-LBCWD-3992	G. Cortes	525.00
134544	5/31/16	S2D-MESA-3929	S. Rhorer	525.00

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

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
134545	5/31/16	S2D-MNWD-3909	A. Taylor-Loughran	356.75
134546	5/31/16	S2D-MNWD-3926	K. Ruddins	837.40
134547	5/31/16	S2D-SCLM-3913	J. Rees	525.00
134548	5/31/16	S2D-SMWD-3906	S. Fitzpatrick	410.00
134549	5/31/16	S2D-SCWD-3896	K. Hesley	350.00
134550	5/31/16	S2DC-IRWD-8497	C.M. Stratplan, Inc. (Irvine)	635.00
134551	5/31/16	S2DC-SMWD-8494	Rainbow Ridge Community Association (Mission Viejo)	551.10
			***Total ***	5,462.93
134553	5/31/16	USBANK 4140-APR16	U.S. Bank 03/22/16-04/22/16 Cal Card charges	267.76
			***Total ***	267.76
			(See attached sheet for details)	
ACH001998	5/31/16	HUBBAR 033116	Kelly Hubbard March 2016 Business expense	137.72
			***Total ***	137.72
ACH002004	5/31/16	SANTAM MAR2016	Santa Margarita Water District March 2016 SCP Operation surcharge	19,236.43
			***Total ***	19,236.43
WIRE-160531	5/31/16	METWAT 8652	Metropolitan Water District March 2016 Water deliveries	7,572,125.45
			***Total ***	7,572,125.45
			Total Other Funds Disbursements	9,307,480.84
			Total Disbursements	9,320,735.03



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

Cal Card Statement Detail
Statement Date: April 22, 2016
Payment Date: May 31, 2016

Date	Description	Amount
<u>K. Seckel Card</u>		
03/22/16	UPS delivery charges for Board & Committee packets on Mar. 11, 2016	75.55
03/22/16	1 Dry erase board	13.38
03/22/16	Association of Metropolitan Water Agencies conference in Washington, DC from Mar. 20-22, 2016 - Accommodations for R. Hunter	1,267.63
03/23/16	3 Year renewal for Barracuda security encrypted connection	167.97
03/23/16	Lunch for Orange County MET Managers' meeting	209.70
03/23/16	Lunch for WEROC new staff training	196.50
03/25/16	American Water Works Association Annual Conference in Chicago, IL from Jun. 19-22, 2016 - Registration for L. Loewen	795.00
03/28/16	Orange County Business Council Advocacy trip in Washington, DC from May 23-25, 2016 - Airfare for Director Barbre	890.20 ¹
03/29/16	Sympathy flowers for staff member	89.61
03/29/16	UPS delivery charges for Board & Committee packets on Mar. 18, 2016	52.10
03/30/16	FedEx delivery charges for Board of Supervisors on Mar. 28, 2016	15.74
04/05/16	UPS delivery charges for Board & Committee packets - Refund for duplicate charges	(11.80)
04/07/16	Roundpeg Adobe InDesign training in Newport Beach, CA from Apr. 11-12, 2016 - Registration for L. Loewen	795.00
04/07/16	Southern California Water Committee Quarterly meeting in Commerce, CA on Apr. 22, 2016 - Registration for Director Hinman	70.00
04/07/16	California Special Districts Association Legislative Days in Sacramento, CA from May 17-18, 2016 - Registration for H. Baez	175.00
04/07/16	Refreshments for Elected Officials meeting	105.00
04/08/16	Office supplies from American Flags Express	10.12
04/08/16	2 Toner cartridges for WEROC EOCs	71.26
04/11/16	Office supplies from Costco	403.25
04/11/16	UPS delivery charges for Board & Committee packets on Apr. 8, 2016	5.89
04/14/16	California Special Districts Association Technology and the Public Records Act webinar on Apr. 26, 2016 - Registration for P. Dinh, M. Goldsby and S. Sherman	115.00
04/14/16	American Society of Civil Engineers employment ad for Principal Engineer position	495.00
04/15/16	FedEx delivery charges for Board of Supervisors on Apr. 4, 2016	15.74
04/15/16	State Water Resources Control Board meeting in Sacramento, CA on Apr. 20, 2016 - Airfare for J. Berg	477.96
04/18/16	FedEx delivery charges for Board of Supervisors on Apr. 14, 2016	15.74
04/18/16	UPS delivery charges for Board & Committee packets on Apr. 8 & 13, 2016	90.18

Cal Card Statement Detail
Statement Date: April 22, 2016
Payment Date: May 31, 2016

Date	Description	Amount
04/21/16	Lunch for Managers' meeting	460.30
	Total	\$ 7,067.02

1 Director Barbre reimbursed MWDOC \$249.00

R. Hunter Card

03/21/16-04/22/16	Meals for R. Hunter's meeting	\$ 94.24
03/21/16-03/23/16	Association of Metropolitan Water Agencies conference in Washington, DC from Mar. 20-22, 2016 - Meals, parking & transportation for R. Hunter	159.44
03/29/16	Southern California Water Committee Quarterly meeting in Commerce, CA on Apr. 22, 2016 - Registration	70.00
04/04/16	Brown and Caldwell employment ad	200.00
04/08/16	American Water Works Association employment ad for Principal Engineer position	249.00
	Total	\$ 772.68

Municipal Water District of Orange County
GM Approved Disbursement Report ⁽¹⁾
For the month of May 2016

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
Core Disbursements:				
134434	5/18/16	WESTIN 500-35KWCY1A	The Westin South Coast Plaza 5/20/16 OC Water Summit Food and hotel facilities ***Total ***	31,459.85 31,459.85
134435	5/18/16	TONYWA OCWD-006A	Tony Wayne Burgess 5/20/16 OC Water Summit audio visual services ***Total ***	9,814.50 9,814.50
134539	5/31/16	SENTIU 1179	Sentium Inc. Keynote speaker fee for 5/20/16 OC Water Summit ***Total ***	2,839.96 2,839.96
134552	5/31/16	TONYWA OCWD-006.1	Tony Wayne Burgess 5/20/16 OC Water Summit podium rental and parking expenses ***Total ***	463.00 463.00
Total Core Disbursements				<u>44,577.31</u>
Choice Disbursements:				
Total Choice Disbursements				<u>-</u>
Other Funds Disbursements:				
Total Other Funds Disbursements				<u>-</u>
Total Disbursements				<u><u>44,577.31</u></u>



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 05/31/16

	Jul 2015	Aug 2015	Sep 2015	Oct 2015	Nov 2015	Dec 2015	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	TOTALS
Cash - Beginning Balance	\$	(4,150,715.21) \$	(866,085.23) \$	(2,898,017.49) \$	(3,394,231.09) \$	(3,796,564.33) \$	(4,010,296.92) \$	(3,901,536.01) \$	(5,175,474.30) \$	(6,409,861.35) \$	(4,593,942.44) \$	(5,120,777.87) \$	
REVENUES:													
BUREC													\$
City of Brea	6,999.33	1,934.35	389.42	247.74	496,524.08	15,352.67	51,543.38		204.87	1,663.75	73,159.80		\$ 638,243.68
City of Buena Park	1,212.97	1,886.23	846.00	2,716.00	1,105.75	248.13	1,120.00		716.37	307.93	225.00		12,474.59
City of Fountain Valley		150.00			2,271.97	636.13	1,508.00	1,552.00	75.00		75.00		13,653.60
City of Fullerton		225.00		150.00	67.75		70.92	75.00		75.00			525.00
City of Garden Grove	1,995.00	1,650.00	2,914.00	4,224.00	2,770.81		3,431.78	2,794.20	315.00	389.08	1,493.80		21,977.67
City of Huntington Beach		325.66	294.00	211.54			234.98			75.00	525.00		1,666.18
City of La Habra	1,050.00	599.53	2,451.89	582.00	1,067.00	735.00	194.00	754.00	568.25		105.00		8,106.67
City of San Clemente	4,925.18		9,989.07	5,141.99	3,911.00	2,499.51	4,353.25	6,979.02	1,487.05	1,241.09	1,546.00		41,672.16
City of San Juan Capistrano	3,344.86	2,142.95		11,481.16	2,063.23	1,680.00	1,978.22	3,408.69	658.90		1,948.76		28,706.77
City of Santa Ana		75.00	150.00	75.00					468.99				766.99
City of Tustin		246.86		300.00		75.00	12,815.67		11,747.00	35,751.95			60,936.48
City of Newport Beach	4,297.93	840.00	3,264.97	4,096.04		770.43	6,660.59	1,703.38	3,694.61	770.43			20,830.02
City of Orange			14,879.13	5,622.50	6,713.19	3,417.89	4,721.79	5,029.60	1,988.24	1,248.15			47,918.42
City of Westminster			75.00						75.00				225.00
County of Orange													
Department of Water Resources													
East Orange County Water District													
El Toro Water District	2,633.00	5,676.22	2,016.61	1,328.86		1,568.28	4,226.25	883.53	63,283.64		1,484.75		722,401.79
East Orange County Water District													
Golden State Water Company	6,555.20	6,985.72	12,246.61	9,373.88	7,563.09	4,890.00	9,821.40	5,668.48	3,137.97	1,431.47	111.00		67,784.82
Inyokern Water District	116,113.61	30,550.23	43,139.41	45,081.83	4,525.99	8,131.72	201,755.82	7,806.55	110,988.29	33,005.55	218,370.09		819,079.09
Laguna Beach County Water District	1,840.00	16,506.86	1,259.00	2,257.00	713.99	210.00	10,556.64	8,893.00	7,718.99	2,505.00	2,268.00		54,718.48
Mesa Water District		75.00	150.00				756.24	75.00		41.44	230.00		1,327.68
Metropolitan Water District	194,847.61	4,001,136.01	434,924.75	1,369,139.07	1,308,972.63	936,576.61	1,897,669.39	1,235,308.13	1,124,675.57	4,111,274.60	514,785.93		16,614,524.37
Moulton Niguel Water District	359,285.60	244,320.71	3,654.58	152,561.75	122,311.65	246,642.32	271,346.48	142,248.71	325,643.86	300,321.49			2,682,123.08
MWDOC													
Santa Margarita Water District		1,035.00	458.43	1,482.03	525.00	2,955.00	4,271.43	4,293.55	4,911.60	557.40	7,339.50		



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

April 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

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
Designated Reserves		
General Operations	\$2,494,603	29.22%
Grant & Project Cash Flow	1,480,000	17.33%
Election Expense	215,463	5.86%
Building Repair	500,407	2.52%
Total Designated Reserves	4,690,473	54.93%
General Fund	4,471,022	52.36%
Water Fund	3,639,679	42.63%
Conservation Fund	(4,593,942)	(53.80%)
Desalination Feasibility Study Fund	222,385	2.60%
WEROC Fund	100,404	1.18%
Trustee Activities	8,645	0.10%
Total	\$8,538,666	100.00%

The funds are invested as follows:

Term of Investment	% of Portfolio	Book Value	Market Value
Cash	0.86%	\$73,395	\$73,395
Short-term investment			
• LAIF	1.85%	\$157,563	\$157,563
• OCIP	60.95%	5,204,457	5,204,457
Long-term investment			
• Misc. Securities	8.82%	753,251	758,877
• Certificates of Deposit	27.52%	2,350,000	2,374,373
Total	100.00%	\$8,538,666	\$8,568,665

The average number of days to maturity/call as of April 30, 2016 equaled 353 and the average yield to maturity is 1.061%. During the month, the District's average daily balance was \$11,075,213.21. 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 April 2016.

The \$29,999 difference between the book value and the market value on April 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 April 30, 2016

4/30/2016	Par Value	Market Value	Book Value	% of Portfolio	Days to Mat/Call	YTM @ Cost
Certificates of Deposit - Bank	2,350,000.00	2,374,373.25	2,350,000.00	27.77	805	1.697
Local Agency Investment Funds	157,563.02	157,563.02	157,563.02	1.86	1	0.525
Miscellaneous Securities - Coupon	750,000.00	758,877.50	753,250.98	8.86	1449	2.238
Orange County Investment Pool	5,204,456.78	5,204,456.78	5,204,456.78	61.50	1	0.620
Total Investments	8,462,019.80	8,495,270.55	8,465,270.78	100.00%	353	1.061
Cash						
Passbook Checking	73,394.73	73,394.73	73,394.73		1	0.00
Total Cash and Investments	8,535,414.53	8,568,665.28	8,538,665.51		353	1.061

Total Earnings	Month Ending April	Fiscal Year to Date
Current Year	8,228.39	100,884.05
Average Daily Balance	11,075,213.21	
Effective Rate of Return	1.061%	

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

6-2-16


Hilary Chumplitazi, Treasurer

Date

06/01/2016

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

Issuer	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
Certificate of Deposit - Bank									
Ally Bank	02006LFV0	7/23/2014	250,000.00	250,805.00	250,000.00	1.150	1.150	450	7/24/2017
American Express Bank	02587CEA4	7/29/2015	250,000.00	251,710.00	250,000.00	1.450	1.450	639	1/29/2018
Barclays Bank	06740KJP3	9/24/2015	250,000.00	254,537.50	250,000.00	1.900	1.900	1241	9/23/2019
Capital One Bank	140420TY6	8/5/2015	250,000.00	252,137.50	250,000.00	1.700	1.700	828	8/6/2018
Capital One Natl Assn	14042E6C9	9/2/2015	250,000.00	254,962.50	250,000.00	1.950	1.950	1221	9/3/2019
Discover Bank	2546712Y5	7/23/2014	250,000.00	251,982.50	250,000.00	1.600	1.600	814	7/23/2018
GE Capital Bank	36163FJC8	7/25/2014	250,000.00	250,805.00	250,000.00	1.200	1.200	451	7/25/2017
Goldman Sachs Bank	38143A4T9	1/23/2013	100,000.00	100,271.00	100,000.00	1.050	1.050	268	1/23/2017
HSBC Bank USA NA	40434AK65	1/21/2016	250,000.00	252,432.25	250,000.00	1.550	2.534	631	1/21/2021
Synchrony Bank	87164XBY1	7/25/2014	250,000.00	254,730.00	250,000.00	2.050	2.050	1186	7/30/2019
Sub Total			2,350,000.00	2,374,373.25	2,350,000.00	1.593	1.697	805	
Miscellaneous Securities - Coupon									
JPMorgan Chase	46625HKA7	11/2/2015	500,000.00	503,660.00	501,735.77	2.250	2.152	1332	1/23/2020
Wells Fargo	94974BGR5	1/13/2016	250,000.00	255,217.50	251,515.21	2.550	2.409	1682	12/7/2020
Sub Total			750,000.00	758,877.50	753,250.98	2.350	2.238	1449	
Total Investments			3,100,000.00	3,133,250.75	3,103,250.98	1.776	1.828	961	

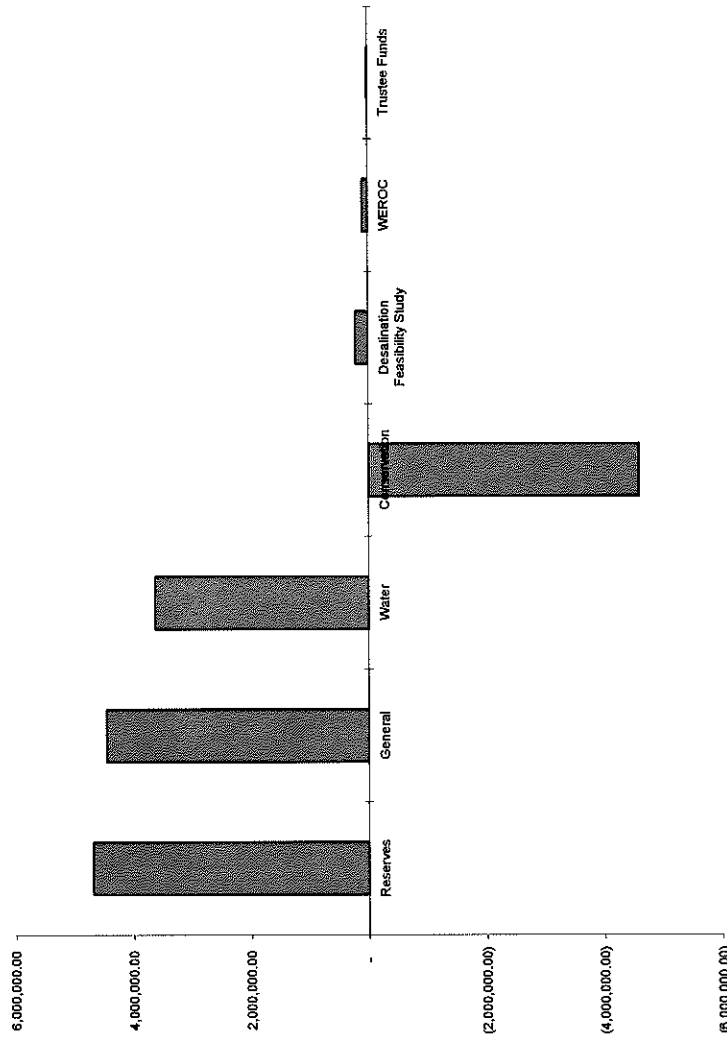
Total Earnings		Month Ending April	Fiscal Year To Date
Current Year		4,430.58	49,418.55

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

Investments	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
Local Agency Investment Funds									
LAIF LGIP	LAIF	6/30/2010	157,563.02	157,563.02	157,563.02	0.525	0.525	1	N/A
Sub Total			157,563.02	157,563.02	157,563.02	0.525	0.525	1	
Orange County Investment Pool									
County of Orange LGIP	OCIP	6/29/2005	5,204,456.78	5,204,456.78	5,204,456.78	0.620	0.620	1	N/A
Sub Total			5,204,456.78	5,204,456.78	5,204,456.78	0.620	0.620	1	
Total Investments			5,362,019.80	5,362,019.80	5,362,019.80	0.617	0.617		
Passbook Checking									
Bank of America Cash	CASH0547	7/1/2011	72,894.73	72,894.73	72,894.73	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
Total Cash			73,394.73	73,394.73	73,394.73	0.000	0.000	1	
Total Cash and Investments			5,435,414.53	5,435,414.53	5,435,414.53	0.617	0.617	1	
Total Earnings									
Current Year			3,797.81		51,465.50				

**Municipal Water District of Orange County
Cash and Investments at May 01, 2016**

ALLOCATION	AMOUNT	%
MWDOC		
Designated Reserves		
General	\$ 2,494,603	29.22%
Grant & Project Cash Flow	1,480,000	17.33%
Election Expense	500,407	5.86%
Building Repair	215,463	2.52%
Total Designated Reserves	4,690,473	54.93%
General	4,471,022	52.36%
Water	3,639,679	42.63%
Conservation	(4,593,942)	-53.80%
Desalination Feasibility Study	222,385	2.60%
WEROC	100,404	1.18%
TOTAL MWDOC	\$ 8,530,021	99.90%
TRUSTEE ACTIVITIES		
AMP Sales Admin	\$ 8,645	0.10%
TOTAL TRUSTEE ACTIVITIES	\$ 8,645	0.10%
TOTAL CASH & INVESTMENTS	\$ 8,538,666	100.00%



MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
COMBINED FINANCIAL STATEMENTS
AND
BUDGET COMPARATIVE
JULY 1, 2015 THRU APRIL 30, 2016

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

<u>ASSETS</u>	Amount
Cash in Bank	73,394.73
Investments	8,465,270.78
Accounts Receivable	26,785,523.35
Accounts Receivable - Other	107,425.46
Accrued Interest Receivable	18,387.68
Prepays/Deposits	498,032.14
Leasehold Improvements	3,026,974.08
Furniture, Fixtures & Equipment	436,910.44
Less: Accum Depreciation	(2,544,645.21)
Net OPEB Asset	92,806.00
	<hr/>
TOTAL ASSETS	\$36,960,079.45
	<hr/>
<u>LIABILITIES AND FUND BALANCES</u>	
Liabilities	
Accounts Payable	25,447,504.82
Accounts Payable - Other	403.21
Accrued Salaries and Benefits Payable	289,505.58
OCWD CUP Balance Payable	2,310,580.50
Other Liabilities	1,263,607.56
Unearned Revenue	2,302,261.15
Total Liabilities	<hr/> 31,613,862.82 <hr/>
Fund Balances	
Restricted Fund Balances	
Water Fund - T2C	961,210.49
Total Restricted Fund Balances	<hr/> 961,210.49 <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	<hr/> 4,783,278.99 <hr/>
GENERAL FUND	1,307,553.79
WEROC	83,059.22
Total Unrestricted Fund Balances	<hr/> 6,173,892.00 <hr/>
Excess Revenue over Expenditures	
Operating Fund	2,811,409.53
Other Funds	(4,600,295.39)
Total Fund Balance	<hr/> 5,346,216.63 <hr/>
TOTAL LIABILITIES AND FUND BALANCES	\$36,960,079.45

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

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<u>REVENUES</u>						
Retail Connection Charge	<u>0.00</u>	<u>6,686,659.70</u>	<u>6,687,322.00</u>	<u>99.99%</u>	<u>0.00</u>	<u>662.30</u>
Water rate revenues	0.00	6,686,659.70	6,687,322.00	99.99%	0.00	662.30
Interest Revenue	<u>11,086.85</u>	<u>115,160.04</u>	<u>117,675.00</u>	<u>97.86%</u>	<u>0.00</u>	<u>2,514.96</u>
Subtotal	<u>11,086.85</u>	<u>6,801,819.74</u>	<u>6,804,997.00</u>	<u>99.95%</u>	<u>0.00</u>	<u>3,177.26</u>
Choice Programs	0.00	1,340,182.62	1,302,619.00	102.88%	0.00	(37,563.62)
Choice Prior Year Carry Over	0.00	0.00	243,338.00	0.00%	0.00	243,338.00
Miscellaneous Income	13,409.69	160,021.11	3,000.00	5334.04%	0.00	(157,021.11)
School Contracts	2,245.80	57,785.60	70,000.00	82.55%	0.00	12,214.40
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	<u>0.00</u>	<u>0.00</u>	<u>(64,424.00)</u>	<u>0.00%</u>	<u>0.00</u>	<u>(64,424.00)</u>
Subtotal	<u>15,655.49</u>	<u>1,558,177.03</u>	<u>1,554,533.00</u>	<u>100.23%</u>	<u>0.00</u>	<u>(3,644.03)</u>
TOTAL REVENUES	<u>26,742.34</u>	<u>8,359,996.77</u>	<u>8,359,530.00</u>	<u>100.01%</u>	<u>0.00</u>	<u>(466.77)</u>

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

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<u>EXPENSES</u>						
Salaries & Wages	232,820.09	2,435,249.16	3,309,949.00	73.57%	0.00	874,699.84
Salaries & Wages - Grant Recovery	0.00	(22,571.40)	(23,500.00)	96.05%	0.00	(928.60)
Directors' Compensation	16,701.56	157,483.86	220,588.00	71.39%	0.00	63,104.14
MWD Representation	10,775.20	98,169.24	126,050.00	77.88%	0.00	27,880.76
Employee Benefits	66,476.12	683,374.17	863,069.00	79.18%	0.00	179,694.83
OPEB Annual Contribution	0.00	0.00	105,188.00	0.00%	0.00	105,188.00
Employee Benefits - Grant Recovery	0.00	(5,784.57)	0.00	0.00%	0.00	5,784.57
Director's Benefits	5,052.52	57,936.54	60,024.00	96.52%	0.00	2,087.46
Health Ins \$'s for Retirees	5,071.66	42,759.76	50,387.00	84.86%	0.00	7,627.24
Training Expense	910.00	2,904.68	18,000.00	16.14%	0.00	15,095.32
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	337,807.15	3,450,780.98	4,734,755.00	72.88%	0.00	1,283,974.02
Engineering Expense	21,471.80	244,921.68	300,000.00	81.64%	198,106.26	(143,027.94)
Legal Expense	8,682.78	137,116.06	355,000.00	38.62%	234,883.94	(17,000.00)
Audit Expense	0.00	20,600.00	23,000.00	89.57%	0.00	2,400.00
Professional Services	91,993.10	964,897.45	1,541,837.00	62.58%	357,287.22	219,652.33
Professional Fees	122,147.68	1,367,535.19	2,219,837.00	61.61%	790,277.42	62,024.39
Conference-Staff	970.00	13,269.42	19,450.00	68.22%	0.00	6,180.58
Conference-Directors	140.00	9,904.00	9,800.00	101.06%	0.00	(104.00)
Travel & Accom.-Staff	2,089.38	30,256.66	56,510.00	53.54%	0.00	26,253.34
Travel & Accom.-Directors	718.85	11,657.58	27,600.00	42.24%	0.00	15,942.42
Travel & Conference	3,918.23	65,087.66	113,360.00	57.42%	0.00	48,272.34
Membership/Sponsorship	50.00	95,689.04	103,961.00	92.04%	0.00	8,271.96
CDR Support	9,934.86	39,739.50	39,740.00	100.00%	0.00	0.50
Dues & Memberships	9,984.86	135,428.54	143,701.00	94.24%	0.00	8,272.46
Business Expense	645.81	4,890.60	6,800.00	71.92%	0.00	1,909.40
Maintenance Office	6,312.73	75,675.24	126,670.00	59.74%	33,357.39	17,637.37
Building Repair & Maintenance	491.69	8,110.75	11,000.00	73.73%	2,889.25	0.00
Storage Rental & Equipment Lease	1,057.66	10,949.45	19,000.00	57.63%	8,050.55	0.00
Office Supplies	1,595.55	25,710.96	29,400.00	87.45%	2,720.94	968.10
Postage/Mail Delivery	1,656.44	12,496.53	11,285.00	110.74%	1,724.78	(2,936.31)
Subscriptions & Books	0.00	413.82	2,060.00	20.09%	0.00	1,646.18
Reproduction Expense	0.00	1,566.03	70,010.00	2.24%	37.30	68,406.67
Maintenance-Computers	0.00	5,081.23	7,100.00	71.57%	637.16	1,381.61
Software Purchase	167.97	9,628.80	18,500.00	52.05%	667.21	8,203.99
Software Support	3,533.78	28,333.08	34,000.00	83.33%	0.00	5,666.92
Computers and Equipment	150.82	16,131.47	21,150.00	76.27%	0.00	5,018.53
Automotive Expense	1,453.78	13,253.22	13,500.00	98.17%	0.00	246.78
Toll Road Charges	111.57	678.32	1,275.00	53.20%	0.00	596.68
Insurance Expense	8,373.47	82,256.22	96,000.00	85.68%	0.00	13,743.78
Utilities - Telephone	1,590.94	15,512.89	15,650.00	99.12%	0.00	137.11
Bank Fees	950.52	8,695.81	17,900.00	48.58%	0.00	9,204.19
Miscellaneous Expense	6,763.83	55,613.25	98,770.00	56.31%	0.00	43,156.75
MWDOC's Contrb. To WEROC	11,817.25	118,172.50	141,807.00	83.33%	0.00	23,634.50
Depreciation Expense	1,000.37	10,003.55	0.00	0.00%	0.00	(10,003.55)
Other Expenses	47,674.18	503,173.72	741,877.00	67.82%	50,084.58	188,618.70
MWDOC's Building Expense	0.00	22,224.55	400,000.00	5.56%	216,491.07	161,284.38
Capital Acquisition	0.00	4,356.60	6,000.00	72.61%	0.00	1,643.40
TOTAL EXPENSES	521,532.10	5,548,587.24	8,359,530.00	66.37%	1,056,853.07	1,754,089.69
NET INCOME (LOSS)	(494,789.76)	2,811,409.53	0.00			

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

	Month to Date	Year to Date	Annual Budget	% Used	Budget Remaining
<u>WATER REVENUES</u>					
Water Sales	15,179,524.00	97,921,682.10	139,025,078.00	70.43%	41,103,395.90
Readiness to Serve Charge	1,056,174.45	10,827,312.30	13,214,277.00	81.94%	2,386,964.70
Capacity Charge CCF	402,482.50	3,822,160.00	4,424,460.00	86.39%	602,300.00
SCP Surcharge	23,247.03	197,679.92	380,000.00	52.02%	182,320.08
Interest	518.74	4,260.10	2,900.00	146.90%	(1,360.10)
TOTAL WATER REVENUES	16,661,946.72	112,773,094.42	157,046,715.00	71.81%	44,273,620.58
<u>WATER PURCHASES</u>					
Water Sales	15,179,524.00	97,921,682.10	139,025,078.00	70.43%	41,103,395.90
Readiness to Serve Charge	1,056,174.45	10,827,312.30	13,214,277.00	81.94%	2,386,964.70
Capacity Charge CCF	402,482.50	3,822,160.00	4,424,460.00	86.39%	602,300.00
SCP Surcharge	23,247.03	197,679.92	380,000.00	52.02%	182,320.08
TOTAL WATER PURCHASES	16,661,427.98	112,768,834.32	157,043,815.00	71.81%	44,274,980.68
EXCESS OF REVENUE OVER EXPENDITURES	518.74	4,260.10	2,900.00		

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

	Year to Date Actual	Annual Budget	% Used
Landscape Performance Certification			
Revenues	38,406.01	118,900.00	32.30%
Expenses	<u>56,275.00</u>	<u>118,900.00</u>	47.33%
Excess of Revenues over Expenditures	(17,868.99)	0.00	
Industrial Water Use Reduction			
Revenues	167,757.65	91,236.00	183.87%
Expenses	<u>167,759.17</u>	<u>91,236.00</u>	183.87%
Excess of Revenues over Expenditures	(1.52)	0.00	
Spray To Drip Conversion			
Revenues	129,738.94	57,109.58	227.18%
Expenses	<u>129,365.84</u>	<u>57,109.58</u>	226.52%
Excess of Revenues over Expenditures	373.10	0.00	
Water Smart Landscape for Public Property			
Revenues	1,069,659.17	137,871.04	775.84%
Expenses	<u>1,038,242.42</u>	<u>137,871.04</u>	753.05%
Excess of Revenues over Expenditures	31,416.75	0.00	
Member Agency Administered Passthru			
Revenues	92,935.38	627,000.00	14.82%
Expenses	<u>85,725.38</u>	<u>627,000.00</u>	13.67%
Excess of Revenues over Expenditures	7,210.00	0.00	
ULFT Rebate Program			
Revenues	291,282.41	658,000.00	44.27%
Expenses	<u>351,916.15</u>	<u>658,000.00</u>	53.48%
Excess of Revenues over Expenditures	(60,633.74)	0.00	
HECW Rebate Program			
Revenues	349,128.65	696,000.00	50.16%
Expenses	<u>347,578.71</u>	<u>696,000.00</u>	49.94%
Excess of Revenues over Expenditures	1,549.94	0.00	
CII Rebate Program			
Revenues	424,065.00	509,000.00	83.31%
Expenses	<u>353,901.00</u>	<u>509,000.00</u>	69.53%
Excess of Revenues over Expenditures	70,164.00	0.00	
Large Landscape Survey			
Revenues	16,891.29	85,000.00	19.87%
Expenses	<u>13,198.99</u>	<u>85,000.00</u>	15.53%
Excess of Revenues over Expenditures	3,692.30	0.00	
Indoor-Outdoor Survey			
Revenues	4,905.63	6,800.00	72.14%
Expenses	<u>15.10</u>	<u>6,800.00</u>	0.22%
Excess of Revenues over Expenditures	4,890.53	0.00	
Turf Removal Program			
Revenues	15,015,237.18	19,075,000.00	78.72%
Expenses	<u>19,569,106.88</u>	<u>19,075,000.00</u>	102.59%
Excess of Revenues over Expenditures	(4,553,869.70)	0.00	

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

	Year to Date Actual	Annual Budget	% Used
Comprehensive Landscape (CLWUE)			
Revenues	65,091.76	281,926.00	23.09%
Expenses	77,589.91	281,926.00	27.52%
Excess of Revenues over Expenditures	(12,498.15)	0.00	
Home Certification and Rebate			
Revenues	225,919.09	210,205.00	107.48%
Expenses	137,823.19	210,205.00	65.57%
Excess of Revenues over Expenditures	88,095.90	0.00	
CII, Large Landscape, Performance (OWOW)			
Revenues	11,624.03	138,725.00	8.38%
Expenses	131,914.34	138,725.00	95.09%
Excess of Revenues over Expenditures	(120,290.31)	0.00	
CA Sprinkler Adjustment Subscription System			
Revenues	35,493.92	34,432.50	103.08%
Expenses	35,436.29	34,432.50	102.92%
Excess of Revenues over Expenditures	57.63	0.00	
Rotating Nozzle			
Revenues	1,654.94	39,000.00	4.24%
Expenses	18,598.22	39,000.00	47.69%
Excess of Revenues over Expenditures	(16,943.28)	0.00	
WUE Projects			
Revenues	17,939,791.05	22,766,205.12	78.80%
Expenses	22,514,446.59	22,766,205.12	98.89%
Excess of Revenues over Expenditures	(4,574,655.54)	0.00	
WEROC			
Revenues	265,440.15	283,614.00	93.59%
Expenses	237,358.94	278,613.00	85.19%
Excess of Revenues over Expenditures	28,081.21	5,001.00	
RPOI Distributions			
Revenues	0.00	4,823.00	0.00%
Expenses	0.00	4,823.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	



DISCUSSION ITEM

June 8, 2016

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

**FROM: Robert Hunter,
General Manager**

Staff Contact: Harvey De La Torre

SUBJECT: Drinking Water Program's Proposed Fee Structure

STAFF RECOMMENDATION

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

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

On April 29, 2016, the State Water Resource Control Board (State Board) proposed a new fee structure to support the Drinking Water Program, as required by SB 83 (2015). The fees are collected to reimburse the State Board's costs in administering the Safe Drinking Water Act (SDWA) that regulates public water systems throughout the State of California.

It has been acknowledged that the current fees do not recovery the total cost of the Drinking Water Program. In fact, it has been shown that the Program is grossly underfunded and the fees collected are imbalance according to expenditures, in particular among smaller water systems. Therefore, a new fee structure is called upon to generate enough revenue to pay for the level of expenditures, which totals roughly \$31 million.

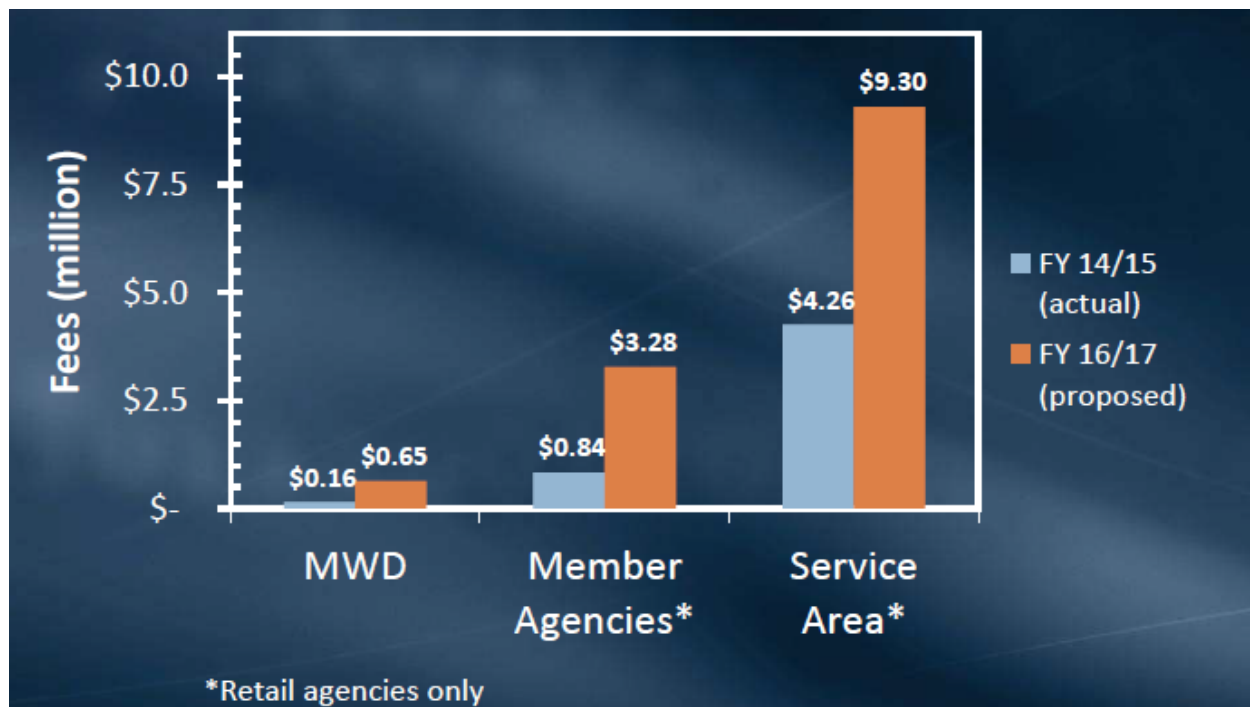
Unfortunately, the new fee structure recently proposed by the State Board will not only results in an increase in fees but it plans to collects on a per service connection basis, which will shift a large portion of the program costs to the larger system with no nexus to cost of service.

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

The following table compares the existing to the proposed fees:

System Type	No.	Existing	Proposed*
Small systems (<1,000 connections)	1,270	\$6/connection (\$250 min.)	\$4/connection (\$200 max for <100 conn.)
Large systems (>1,000 connections)	680	Actual labor billed at \$153/hr. (fee-for-service)	\$4,000 + \$2/service connection above 1,000 connections
Wholesale systems	44		\$6,000 + \$1.36/million gallons (based on 3-year average)

According to MET staff, the impact under this new structure would be as followed:




The impact to MET would increase their fees from \$160,000 under the existing structure to \$650,000 under the proposed fee structure.

MET staff is involved in the technical advisory workgroup for the Drinking Water Program, and plans to submit comments to the State Board on the proposed Fee Structure. MET comments will consist of:

- 🔥 Agree the current program is underfunded
- 🔥 Find the proposed Fee Structure should acknowledge “economies of scale” for large systems and wholesalers
- 🔥 The Fee Structure should not “double charge” for wholesale and retail systems
- 🔥 Fees should be tied to the cost of service provided

In addition, there have been concerns with the “fairness” of the proposed fee structure. For example, a larger water system (>1,000 no. service connections) does not use as much State Board staff time as compared to a smaller system (due to lack of resources), yet the proposal calls for larger water systems to pay more in fees. In other words, the State Board appears to call for larger water systems to subsidize smaller water systems.

The State Board is accepting comments until June 22 and plans to hold a public hearing on the same day. Although MWDOC is not affected by these fees, because MWDOC does not own and operate any water treatment facilities, we are working with MET and our member agencies on coordinating a message to the State Board. This message will state that these fees are not seen as equitable or fair, and lack a cost of service nexus.



Drinking Water Program's Proposed Fee Structure

Municipal Water District of Orange County
June 8, 2016

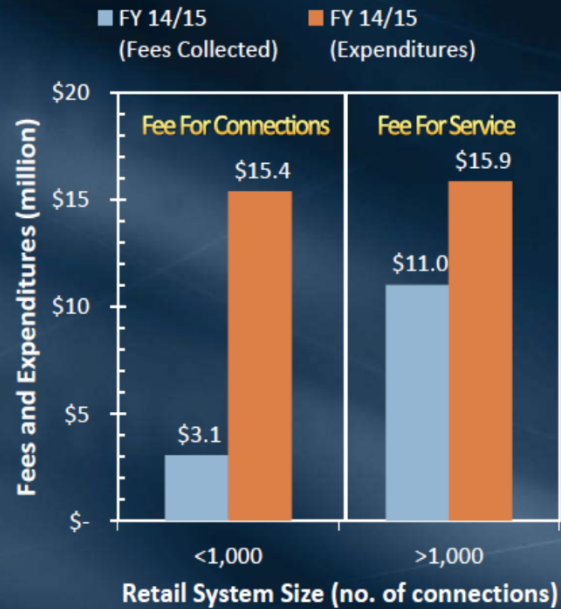
CA Drinking Water Program

- 💧 Regulates public drinking water systems
 - 🔸 Sets and enforces drinking water standards
 - 🔸 Establishes water recycling criteria
 - 🔸 Provides technical assistance for compliance
 - 🔸 24/7 support for emergencies
- 💧 Transferred from Dept. of Public Health to State Water Board in July 2014
- 💧 Program applies to water agencies that manage and operate treated water systems
- 💧 Drinking water program currently underfunded to support all water systems



Drinking Water Program Funding

- Funded by fees
- Program needs increasing
 - Largely driven by need to support small systems
 - Dependent on non-guaranteed federal funds for 55% of program costs
- SB 83 deemed fee structure inoperative on July 1, 2016



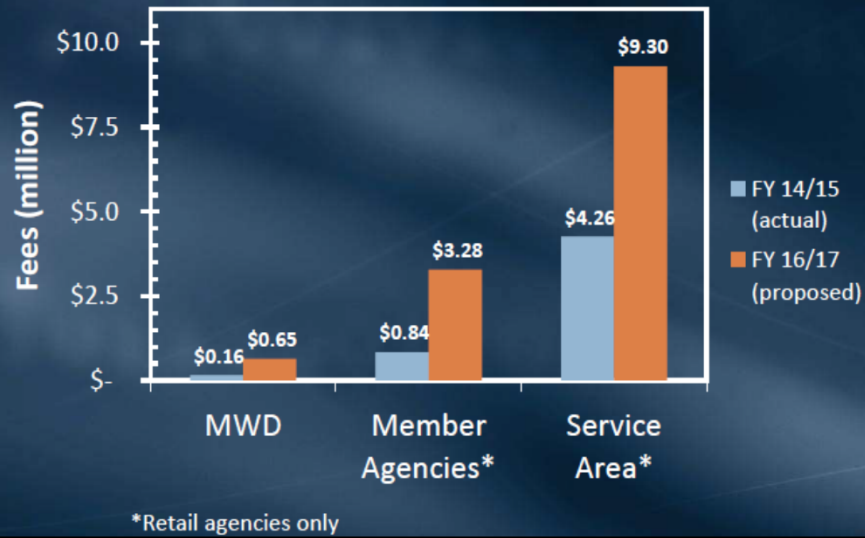
New Fee Structure for FY 2016/17 Proposed on April 29, 2016

System Type	No.	Existing	Proposed*
Small systems (<1,000 connections)	1,270	\$6/connection (\$250 min.)	\$4/connection (\$200 max for <100 conn.)
Large systems (>1,000 connections)	680	Actual labor billed at \$153/hr. (fee-for-service)	\$4,000 + \$2/service connection above 1,000 connections
Wholesale systems	44		\$6,000 + \$1.36/million gallons (based on 3-year average)

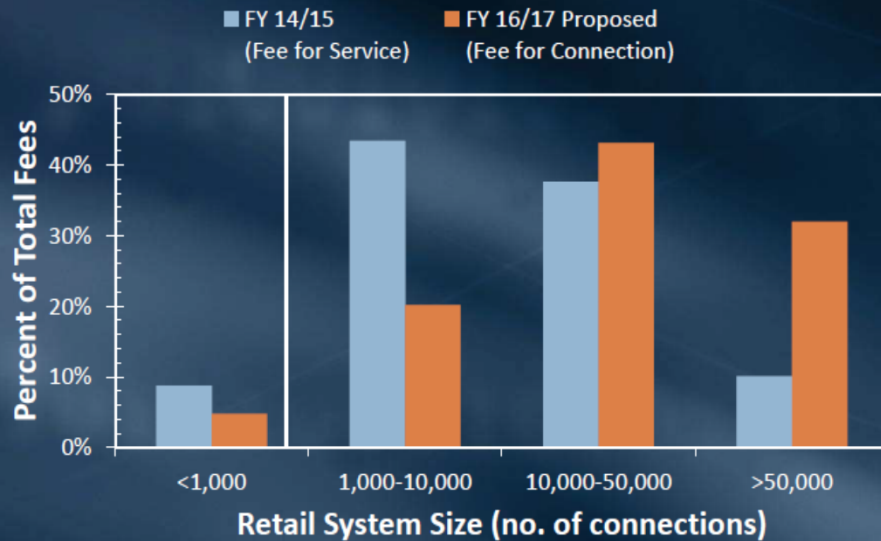
*50% discount for severely disadvantaged communities

Drinking Water Program Funding

Substantial Fee Increases in Service Area



Drinking Water Program Funding



Concerns with Proposed Fee Structure

- 💧 MET Staff sits on the Advisory Board
- 💧 Along with MET, Water Agencies have expressed the following comments:
 - 💧 Agree the current program is underfunded
 - 💧 Find the proposed Fee Structure should acknowledge “economies of scale” for large systems and wholesalers
 - 💧 The Fee Structure should not “double charge” for wholesale and retail systems
 - 💧 Fees should be tied to the cost of service provided



Next Steps

- 💧 State Water Board
 - 💧 Written comments due by June 22
 - 💧 Hearing schedule for the same time
 - 💧 Decision likely in the Fall
- 💧 Metropolitan
 - 💧 Working and Coordinating with Member agencies, water industry groups e.g. ACWA
 - 💧 Plan to submit written and oral comments at the hearing





ACTION ITEM
June 15, 2016

TO: Board of Directors

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

Robert J. Hunter, General Manager

Staff Contacts: J. Berg, Director of Water Use Efficiency

SUBJECT: Turf Removal Rebate Program Process Evaluation

STAFF RECOMMENDATION

Authorize the General Manager to contract with Mission Resource Conservation District and Water Wise Consulting for field verification of completed Turf Removal projects at a cost not to exceed \$100,000.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

In early spring 2016, Metropolitan began conducting an audit cross their service territory of the Turf Removal Rebate Program, which includes MWDOC's program. According to a progress report given by General Auditor Gerald Riss at the May 24 Executive Committee Meeting, the Metropolitan audit is 75% complete and the results of the audit are planned to be presented to the Metropolitan Board in July.

MWDOC consistently conducts its own program process and impact evaluations, at natural program lulls or in concurrence with a grant award term-end. Accordingly, MWDOC had planned to conduct a Turf Removal Rebate Program Process and Impact evaluation of its own this summer. The purpose of this evaluation is to evaluate the program implementation

Budgeted (Y/N): No	Budgeted amount: NA	Core <u> </u>	Choice <u> X </u>
Action item amount: up to \$100,000		Line item: 62-7040	
Fiscal Impact (explain if unbudgeted): Program quality control cost will be allocated to retail agencies via the choice program allocation based on the member agency level participation in the program.			

process, to identify program refinements, and to establish the program effectiveness through a water savings metric specific to Orange County.

REPORT

In an effort to provide consistency with Metropolitan's audit, MWDOC has begun its Process and Impact Evaluation ahead of schedule. In May, MWDOC staff initiated contracts with Mission Resource Conservation District and Water Wise Consulting to conduct field verification inspections. On May 13 these contracts were entered into under the General Managers authority of \$25,000 each.

These contractors were selected through a proposal process as having the necessary experience, competitive cost proposals and availability to perform this work with an accelerated schedule. A third proposal was also received, however the contractor was found to have limited experience and an excessive cost proposal.

At this time it has been determined that these contract limits should be increased to accommodate a greater number of quality control field verification inspections. Using cost information ascertained from the initial 20% of the completed inspections, staff has calculated an estimated cost to complete the total inspection sample, by the end of June, for just under \$100,000.

Using a statistically valid framework, 83 commercial and 98 residential properties are to be inspected (Table 1). The distribution of the sample set is representative of the program participation levels within each retail agency for both commercial and residential sites. Additionally, commercial properties are categorized into small, medium and large sites, and include a wide distribution of third party landscape contractors used by the property owners to perform the turf removal and installation of new landscapes.

Table 1. Number of field verification inspection sites by project square footage area.

	<i>Commercial Small</i> <i>(up to 5,000 sq-ft)</i>	<i>Commercial Medium</i> <i>(10,000-50,000 sq-ft)</i>	<i>Commercial Large</i> <i>(100,000-550,000 sq-ft)</i>	<i>Residential</i> <i>(up to 3,000 sq-ft)</i>
Number of Sites	25	37	21	98

In addition to field verification inspections, MWDOC's Process and Impact Evaluation will include surveys of program participants, retail agency staff, and inspection staff. MWDOC staff will return to the Board at the Planning and Operations Committee to provide a summary of results at the conclusion of the Process and Impact Evaluation.



ACTION ITEM
June 15, 2016

TO: Board of Directors

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

Robert J. Hunter, General Manager

Staff Contacts: Cathleen Harris, Administrative Services Manager

SUBJECT: Adopt Resolution Establishing the Employer Paid Member Contribution Amount to California Public Employees Retirement System (CalPERS)

STAFF RECOMMENDATION

It is recommended that the Board of Directors adopt the attached Resolution establishing the employer paid member contribution amount of 2% to CalPERS, and submit the Resolution to CalPERS for its records.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

DETAILED REPORT

Section 20691 of the California Government Code permits a contracting public agency to pay all or a portion of the required employee contribution to CalPERS. The Employer Paid Member Contribution (EPMC) amounts are determined by the Board annually during the budget process and become effective July 1 of each year.

The proposed 2016/2017 Budget includes an additional 1% CalPERS Employee Contribution, effective July 1, 2016. The total Employee Contribution to CalPERS for 2016/17 will be 5%. This requires that a Resolution be adopted by the Board establishing MWDOC's Employer Paid Member Contribution amount of 2%.

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

Staff recommends the Board of Directors adopt the attached Resolution establishing the employer paid member contribution amount to CalPERS, and submit the Resolution to CalPERS for its records.

RESOLUTION NO. _____

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY ESTABLISHING THE
EMPLOYER PAID MEMBER CONTRIBUTION AMOUNT**

WHEREAS, the Board of Directors of the Municipal Water District of Orange County (MWDOC) has the authority to implement Government Code Section 20691;

WHEREAS, the Board of Directors of the Municipal Water District of Orange County has a written agreement which specifically provides for the normal member contributions to be paid by the employer;

WHEREAS, one of the steps in the procedures to implement section 20691 is the adoption by the Board of Directors of the Municipal Water District of Orange County of a Resolution to commence said Employer Paid Member Contributions (EPMC);

WHEREAS, the Board of Directors of the Municipal Water District of Orange County has identified the following conditions for the purpose of its election to pay Employer Paid Member Contributions:

- This benefit shall apply to all Classic Members hired prior to March 1, 2013 (Miscellaneous Group) employees eligible to participate in CalPERS, in accordance with the District's Personnel Manual.
- This benefit shall consist of paying 2% of the normal member contribution as the Employer Paid Member Contribution (EPMC).
- The effective date of this Resolution shall be July 1, 2016.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Municipal Water District of Orange County elects to pay the Employer Paid Member Contribution Amount, as set forth above.

Said Resolution was adopted and approved this 15TH day of June 2016, by the following roll call vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

MARIBETH GOLDSBY, District Secretary
Municipal Water District of Orange County



Item No. 6

ACTION ITEM

June 15, 2016

TO: Board of Directors

FROM: **Administration & Finance Committee**
Robert Hunter, General Manager

STAFF: Cathleen Harris, Administrative Services Manager
Katie Davanaugh, Sr. Executive Assistant

SUBJECT: Records Management Services

STAFF RECOMMENDATION

Staff recommends the Board of Directors award a contract to Gladwell Government Services based on their proposal in response to the District's Request for Quote for Records Management Services and authorize the General Manager to enter into an agreement with Gladwell Government Services based on the tasks outlined in the Request for Quote in an amount not to exceed \$30,350.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

In an effort to continue to improve efficiencies District wide and utilize office space more efficiently, staff initiated a Needs Assessment of the District's current records management system. In March of 2016, an independent Records Management Needs Assessment was conducted to determine unmet needs and make recommendations as it relates to the District's records management system(s) with the intent to bring the District's policies and practices current to industry standards, improve efficiencies and transparency, provide a consistent practice for employees to follow; and reduce duplication of work effort. The District completed a records management needs assessment 14 years ago in 2002. Although

Budgeted (Y/N): Yes for FY 16-17	Budgeted amount: \$ 24,900	Core X	Choice
Action item amount: \$ 30,350		Line item: 2000-7040-12	
Fiscal Impact (explain if unbudgeted):			

the recommendations did not have budgets provided to assist the District in implementation, some of the recommendations were implemented, including creation of a records retention schedule, implementation of an electronic content management system (Laserfiche), and creation of a simple e-mail policy. There is a need to make significant improvements in this area and there is support by Management in making this a priority. Therefore, staff prepared a Request for Quote in seeking proposals to implement the tasks outlined from the March 2016 needs assessment.

MWDOC staff prepared and distributed a Request for Quote (RFQ) to seek proposals from 12 records management consultants and posted the RFQ to the Association of Records Management and Administrators (ARMA) website and the MWDOC website. A total of five proposals were received, three which were solicited and two that were unsolicited.

The proposals were reviewed by Katie Davanaugh and Cathy Harris and considered on the basis of the consultant's ability to perform the specific tasks outlined in the RFQ; qualifications of the specific individuals who will work on the project; demonstrated record of success (references) on work previously performed; as well as cost considerations.

List of Consultants and Costs:

	Gladwell Environmental Services, Inc. (Lake Arrowhead, CA)	Imerge (Albuquerque, NM)	Records systems Associates (Oakland, CA)	Kaizen InfoSource (Palo Alto, CA)	Ilona Koti (Pollock Pines, CA)
Cost to complete					
Scope of Work	\$30,350	\$29,750	\$37,888	\$80,000	\$87,500
travel costs		<u>\$8,500</u>	\$12,326	<u>\$4,500</u>	<u>\$4,000</u>
TOTAL	\$30,350	\$38,250	\$50,214	\$84,500	\$91,500

Based on staff's review and evaluation of the proposals, it is recommended that the District enter into an agreement with Gladwell Government Services in the amount of \$30,350 in accordance with the proposal submitted (copy attached).

Staff budgeted \$24,900 in the 16/17 budget for records management consulting services and the proposed amount is \$30,350. The additional \$5,450 is available in the budget from professional services. A total of \$72,900 was budgeted in professional services for Records Management scanning services/staffing and consulting.



ACTION ITEM

June 15, 2016

TO: Board of Directors

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

Robert J. Hunter, General Manager

Staff Contact: Cathleen Harris, Administrative Services Manager

SUBJECT: **2016/17 PAY STRUCTURE ADJUSTMENT**

STAFF RECOMMENDATION

It is recommended that the Board of Directors approve a 2.10% Pay Structure Adjustment to the District Salary Ranges, as presented.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

DETAILED REPORT

In accordance with District Policy, in Spring of each year, Human Resources conducts a planned pay structure adjustment survey of the direct labor market agencies to determine the percentage adjustment for the pay ranges for the upcoming fiscal year, effective July 1. This is an adjustment of pay ranges only and not salaries.

The justification for this recommendation is to keep the salary ranges consistent with the market and avoid falling behind. Without this annual adjustment a significant gap can develop and requires a significant adjustment to the pay structure during the Total Compensation Assessment, which is performed every three years.

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

Based on the survey data (Table 1), the average Cost of Living Adjustment increase for 2016/17 is 2.08% and the average merit amount is 4.33% with the average cola/merit combined being 5.84%.

A 4% Merit Pool is included in the 2016/17 MWDOC budget and based on the survey data, staff is recommending the Board of Directors approve a 2.10% Pay Structure Adjustment to the District Salary Ranges as presented (Table 2), effective July 2016.

In accordance with District Policy, a comprehensive compensation and benefits survey is to be conducted every three years to evaluate the market practices and job grading. The next comprehensive salary and benefits survey will be initiated in November of 2017 for completion in spring of 2018.

Staff is recommending the Board approve the proposed recommendations as presented.

Merit Cola Agency Survey – Table 1
2016/17

Agencies	COLA	MERIT	TOTAL
City of City of Brea	2.75%	2.00%	4.75%
Eastern Municipal Water District	2.30%	5.00%	7.30%
El Toro	0.90%	3.00%	3.90%
Inland Empire Utilities	3.50%	7.50%	11.00%
IRWD	TBD	3.00%	3.00%
Laguna Beach County Water District	3.50%	2.50%	6.00%
Las Virgenes	2.00%	2.00%	4.00%
Mesa Water District	NC	5.00%	5.00%
MNWD	2.00%	5.00%	7.00%
Orange County Water District	2.00%	3.00%	5.00%
San Diego County Water Authority	2.50%	5.00%	7.50%
SMWD	TBD	5.00%	5.00%
South Coast Water District	TBD	5.00%	5.00%
Three Valleys Municipal Water District	0.58%	5.00%	5.58%
Walnut Valley Water District	1.00%	5.00%	6.00%
Central Basin Municipal Water District	NC	5.00%	5.00%
Western Municipal Water District	2.00%	5.00%	7.00%
Yorba Linda Water District	2.00%	5.00%	7.00%
AVERAGES	2.08%	4.33%	5.84%

TBD = Waiting to make determination on amount

NC= No Cola

	COLA	MERIT	TOTAL
Metropolitan Water Dist. Of So. Cal	tbd	5.50%	5.50%

	COLA	MERIT	TOTAL
MWDOC	NC	4.00%	4.00%

Pls. Note 5% is included in the MWDOC Budget with 1% designated as PERS offset for increase to Employee Contribution rate

No Response:

City of Fountain Valley

Orange County Sanitation District

City of San Clemente

Santa Ana Watershed Project Authority

City of Tustin

MWDOC PAY STRUCTURE - EFFECTIVE JULY 2016 (2.1% COLA adjustment)

Pay Grade	Dept	Exempt / Non-Exempt	Job Classification	Payment Schedule	Range Minimum	25th Percentile	Range Midpoint	75th Percentile	Range Maximum
R1	Admin	NE	Office Assistant	Annual	\$32,543	\$35,373	\$38,224	\$41,076	\$43,927
R1				Monthly	\$2,712	\$2,948	\$3,185	\$3,423	\$3,661
R1				Hourly	\$15.65	\$17.01	\$18.38	\$19.75	\$21.12
R2		NE	Open	Annual	\$39,030	\$42,447	\$45,865	\$49,282	\$52,700
R2				Monthly	\$3,252	\$3,537	\$3,822	\$4,107	\$4,392
R2				Hourly	\$18.76	\$20.41	\$22.05	\$23.69	\$25.34
R3	Admin	NE	Office Specialist	Annual	\$41,968	\$45,647	\$49,304	\$52,983	\$56,661
R3				Monthly	\$3,497	\$3,804	\$4,109	\$4,415	\$4,722
R3				Hourly	\$20.18	\$21.95	\$23.70	\$25.47	\$27.24
R4	Finance	NE	Accounting Technician	Annual	\$45,124	\$49,064	\$53,004	\$56,966	\$60,906
R4				Monthly	\$3,760	\$4,089	\$4,417	\$4,747	\$5,076
R4				Hourly	\$21.69	\$23.59	\$25.48	\$27.39	\$29.28
R5	Admin	NE	Administrative Assistant	Annual	\$48,498	\$52,743	\$56,988	\$61,233	\$65,477
R5		NE		Monthly	\$4,042	\$4,395	\$4,749	\$5,103	\$5,456
R5				Hourly	\$23.32	\$25.36	\$27.40	\$29.44	\$31.48
R6	Admin	NE	Sr. Admin Assistant	Annual	\$52,134	\$56,705	\$61,254	\$65,826	\$70,375
R6	PA	NE	Public Affairs Assist	Monthly	\$4,344	\$4,725	\$5,105	\$5,485	\$5,865
R6				Hourly	\$25.06	\$27.26	\$29.45	\$31.65	\$33.83
R7	WEROC	NE	WEROC Programs Coordinator	Annual	\$56,052	\$60,950	\$65,847	\$70,767	\$75,665
R7	Admin	NE	Records Coordinator	Monthly	\$4,671	\$5,079	\$5,487	\$5,897	\$6,305
R7				Hourly	\$26.95	\$29.30	\$31.66	\$34.02	\$36.38
R8	PA	NE	Public Affairs Coordinator	Annual	\$60,253	\$65,521	\$70,789	\$76,056	\$81,346
R8	Finance	NE	Accountant	Monthly	\$5,021	\$5,460	\$5,899	\$6,338	\$6,779
R8				Hourly	\$28.97	\$31.50	\$34.03	\$36.57	\$39.11
R9	WUE	NE	WUE Analyst	Annual	\$64,759	\$70,440	\$76,100	\$81,781	\$87,441
R9	Admin	NE	Executive Assistant	Monthly	\$5,397	\$5,870	\$6,342	\$6,815	\$7,287
R9	Eng	E	Associate Water Resources Analyst	Hourly	\$31.13	\$33.87	\$36.59	\$39.32	\$42.04

MWDOC PAY STRUCTURE - EFFECTIVE JULY 2016 (2.1% COLA adjustment)

Pay Grade	Dept	Exempt / Non-Exempt	Job Classification	Payment Schedule	Range Minimum	25th Percentile	Range Midpoint	75th Percentile	Range Maximum
R10	PA	NE	Public Affairs Specialist	Annual	\$69,635	\$75,708	\$81,803	\$87,898	\$93,993
R10	Finance	NE	Sr. Accountant	Monthly	\$5,803	\$6,309	\$6,817	\$7,325	\$7,833
R10	WUE	NE	WUE Program Coordinator	Hourly	\$33.48	\$36.40	\$39.33	\$42.26	\$45.19
R10	Admin	NE	Sr. Executive Assistant						
R11	PA	E	Public Affairs Supervisor	Annual	\$74,859	\$81,390	\$87,942	\$94,494	\$101,046
R11	Eng	E	Water Resources Analyst	Monthly	\$6,238	\$6,782	\$7,328	\$7,874	\$8,420
R11				Hourly	\$35.99	\$39.13	\$42.28	\$45.43	\$48.58
R12	Finance	E	Financial Analyst/Database Analyst	Annual	\$80,453	\$87,506	\$94,537	\$101,590	\$108,621
R12	Finance	NE	Network Systems Engineer	Monthly	\$6,704	\$7,292	\$7,878	\$8,466	\$9,052
R12	WUE	NE	WUE Program Specialist	Hourly	\$38.68	\$42.08	\$45.45	\$48.84	\$52.22
R12	Admin	NE	Sr. Exec. Assist to the Board						
R13	Finance	E	Accounting Supervisor	Annual	\$86,505	\$94,058	\$101,633	\$109,209	\$116,762
R13	PA	E	Public Affairs Manager	Monthly	\$7,209	\$7,838	\$8,469	\$9,101	\$9,730
R13	Eng	E	Sr. Water Resources Analyst	Hourly	\$41.59	\$45.22	\$48.86	\$52.50	\$56.14
R14	WUE	E	WUE Program Supervisor	Annual	\$92,992	\$101,111	\$109,252	\$117,393	\$125,534
R14	WEROC	E	WEROC Programs Manager	Monthly	\$7,749	\$8,426	\$9,104	\$9,783	\$10,461
R14	Finance	E	Sr. Financial Analyst/Database Analyst	Hourly	\$44.71	\$48.61	\$52.53	\$56.44	\$60.35
R15	Eng	E	Sr. Engineer	Annual	\$99,957	\$108,708	\$117,459	\$126,187	\$134,938
R15	Finance	E	Accounting Manager	Monthly	\$8,330	\$9,059	\$9,788	\$10,516	\$11,245
R15	GA	E	Governmental Affairs Manager	Hourly	\$48.06	\$52.26	\$56.47	\$60.67	\$64.87
R16	Eng	E	Principal Water Resources Analyst	Annual	\$107,445	\$116,849	\$126,253	\$135,656	\$145,060
R16	Admin	E	Administrative Services Manager	Monthly	\$8,954	\$9,737	\$10,521	\$11,305	\$12,088
R16	WUE	E	WUE Program Manager	Hourly	\$51.66	\$56.18	\$60.70	\$65.22	\$69.74
R17	Eng	E	Principal Engineer	Annual	\$115,521	\$125,622	\$135,722	\$145,844	\$155,944
R17	Eng	E	Principal Water Resources Planner	Monthly	\$9,627	\$10,468	\$11,310	\$12,154	\$12,995
R17				Hourly	\$55.54	\$60.39	\$65.25	\$70.12	\$74.97

MWDOC PAY STRUCTURE - EFFECTIVE JULY 2016 (2.1% COLA adjustment)									
Pay Grade	Dept	Exempt / Non-Exempt	Job Classification	Payment Schedule	Range Minimum	25th Percentile	Range Midpoint	75th Percentile	Range Maximum
R18	PA	E	Director of Public Affairs	Annual	\$124,185	\$135,047	\$145,909	\$156,771	\$167,633
R18	WUE	E	Director of Water Use Efficiency	Monthly	\$10,349	\$11,254	\$12,159	\$13,064	\$13,969
R18				Hourly	\$59.70	\$64.93	\$70.15	\$75.37	\$80.59
R19	Finance	E	Director of Finance/IS	Annual	\$133,501	\$145,169	\$156,858	\$168,526	\$180,215
R19	Eng	E	Associate General Manager	Monthly	\$11,125	\$12,097	\$13,072	\$14,044	\$15,018
R19				Hourly	\$64.18	\$69.79	\$75.41	\$81.02	\$86.64
R20				Annual	\$143,493	\$156,053	\$168,613	\$181,173	\$193,733
R20		E	Open	Monthly	\$11,958	\$13,004	\$14,051	\$15,098	\$16,144
R20				Hourly	\$68.99	\$75.03	\$81.06	\$87.10	\$93.14
R21	Eng	E	Assistant General Manager	Annual	\$151,046	\$166,153	\$181,260	\$196,367	\$211,473
R21				Monthly	\$12,587	\$13,846	\$15,105	\$16,364	\$17,623
R21				Hourly	\$72.62	\$79.88	\$87.14	\$94.41	\$101.67
GM	Eng	E	General Manager (October 21, 2015)	Annual	\$254,000				\$254,000

MWDOC INTERN PAY STRUCTURE									
Pay Grade	Exempt / Non-Exempt	Job Classification	Payment Schedule	Range Minimum	25th Percentile	Range Midpoint	75th Percentile	Range Maximum	
INT	NE	Student Intern	Hourly	13.51	15.18	16.86	18.53	20.20	

Annual and Monthly amounts are based on a 40-hour work week

If you have questions on the pay structure or classifications,
please contact Human Resources at 714.963.3058

**Administration Activities Report
May 6, 2016 to June 2, 2016**

Activity	Summary
Administration/Board	<ul style="list-style-type: none"> • Maribeth has been scheduling meetings for Rob Hunter and other various meetings of the Board members. • 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. • 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 May or June). • Maribeth is orchestrating updates to the Open. Government Portal and recommending changes/updates. • Maribeth continues to send the Water Supply Reports to the member agencies. • Maribeth responded to two Public Records Act requests. • Maribeth orchestrated presentations for the conservation awards. • Maribeth prepared and mailed the closure letter for the Settlement Agreement.
MWDOC/OCWD Joint Administration	<ul style="list-style-type: none"> • Cathy is working closely with OCWD and the design firm in completing the punch list of items on the recent remodel for the joint areas and MWDOC's lobby and restrooms and invoice of final project costs.
Health Benefits	No information to report.
Records Management	<ul style="list-style-type: none"> • Sarah purged 3 boxes of Library documents and 3 ½ boxes of outdated reference files from the vault. • Sarah prepared a destruction order for 48 boxes of Water Use Efficiency files from Iron Mountain. • Sarah trained Ivan on phone usage and she assisted with admin duties as needed. • Katie prepared an RFQ for Records Management Services and received 5 proposals. This item is being presented to the Board for consideration.
CalPERS	No information to report.
Agency Inquiries	No information to report this month.
Recruitment /Departures	<ul style="list-style-type: none"> • Recruitment for Principal Engineer position is underway.

	<ul style="list-style-type: none"> • Cathy and Katie are currently assisting the Water Use Efficiency department in developing a recruitment flyer for the Water Use Efficiency Specialist position. • Cathy is coordinating with the General Manager on Recruitment efforts for the Director of Public Affairs position. • HR and Kelly Hubbard will be reviewing the WEROC Coordinator position, update the job description and develop a recruitment flyer. • Recruitment is also underway for an Engineering/WEROC intern.
Projects and Activities	<ul style="list-style-type: none"> • The new copier was installed on May 18th and Katie is coordinating staff training. • Cathy attended a WEROC Joint Table Top exercise training on May 12. • Cathy attended the HR Member Agency Meeting at IRWD on May 19th. • Katie participated in a webinar on May 26 regarding Family Medical Leave Act. • Performance Evaluation Process is underway and are to be completed by June 27th. • Human Resources revised and distributed the District's Intern Policy Guidelines to all Managers and Interns.

**INFORMATION ITEM**
June 8, 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**

The following list details the status of special projects that are in-progress or to be completed during FY 2015-16. Highlighted items reflect updates from last month.

Description	% of Completion	Estimated Completion date	Status
<u>Finance</u>			
Further Implementation of WUE Landscape Programs Databases and Web Site.	On-going	On-going	In Progress
Preparation of documents for FY16-17 budget process.	100%	5/31/16	Completed
2016 W-9 collection for water rebates. Currently holding 12 April rebate checks out of 664 awaiting completed W-9's.	98%	On-going	In Progress
<u>Information Technology</u>			
Network security issues (hackers, viruses and spam emails)	On-going	On-going	Continuous system monitoring
Implement and install E-mail Archiver system.	100%	6/30/16	Completed
Upgrade Exchange E-mail Server to the latest version	70%	6/30/16	In Progress
Upgrade District Desktop Computers to Windows 10	95%	6/30/15	In Progress

Description	% of Completion	Estimated Completion date	Status
<u>FY 2015-16 Completed Special Tasks</u>			
<u>Finance</u>			
All 1099's and W2's sent out on time including 2,877 from Turf and Spray-to-Drip programs.	100%	02/01/16	Completed
Rate Study Services – Raftelis	100%	05/11/16	Completed
1099 filing with IRS. Filed 2,440 1099's with IRS electronically on April 29 th .	100%	05/02/16	Completed
<u>Information Technology</u>			
Recycle obsolete and non-functional IT Equipment.	100%	1/28/16	Completed
Virtualize and migrate HR ABRA database Server	100%	2/1/16	Completed



INFORMATION ITEM

June 8, 2016

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

FROM: Robert Hunter, General Manager

Staff Contact: Harvey De La Torre

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

STAFF RECOMMENDATION

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

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

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 April.
- Fig. 2 OC Water Usage, Monthly, Comparison to Previous Years Water usage in April 2016 was about low compared to the last 5 years. Lower usage is primarily due to strong conservation efforts and mandatory restrictions set by the governor. Rainfall for April 2016 was below the historical average and temperatures were slightly above average.
- Fig. 3 Historical OC Water Consumption OC water consumption was 571,000 AF in FY 2014-15 (*this includes ~17 TAF of agricultural usage and non-retail water agency Usage*). This is about 50,000 AF less than FY 2013-14 but is about 16,000 AF higher than FY 2010-11 (Fiscal year with lowest usage). Water usage per person was the lowest it has been for Orange County at 164 gallons per day. Although OC population has increased 20% over the past two decades, water usage has not increased, on average. A long-term decrease in per-capita water usage is attributed mostly to Water Use Efficiency (water

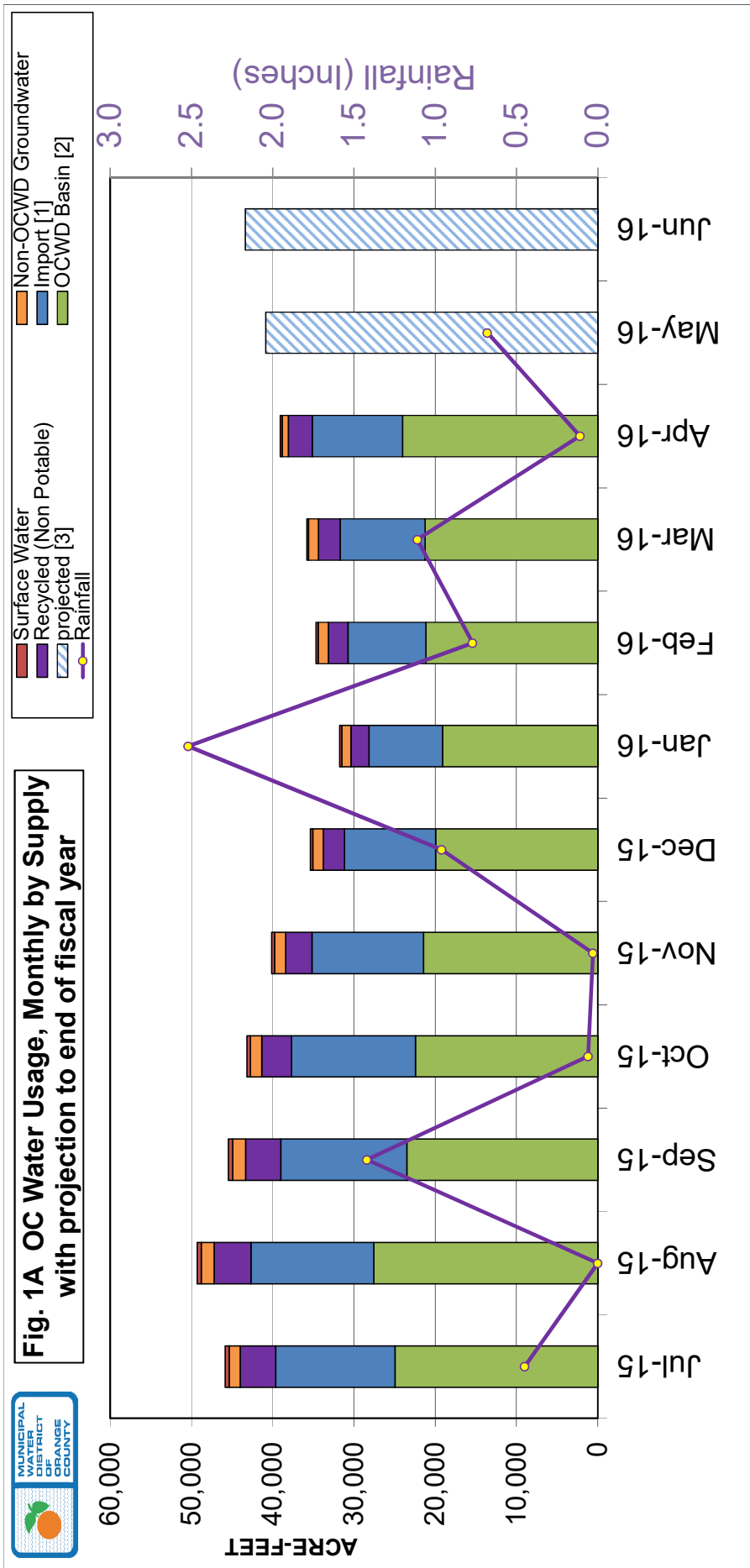
Budgeted (Y/N): N	Budgeted amount: N/A	Core <u>X</u>	Choice <u> </u>
Action item amount: N/A		Line item:	
Fiscal Impact (explain if unbudgeted):			

conservation) efforts. High Temperature, precipitation and the economy all remain indicators to O.C. water consumption.

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. 1st through Sept. 30th.

- Orange County’s accumulated rainfall through May 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 are weakening and unfortunately there has not been the large amounts of precipitation for Southern California that was anticipated.
- Northern California accumulated precipitation in May was around 119% of normal for this period. The Northern California snowpack is 97% of normal as of April 1st. 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 only 60% as of the end of May.
- Colorado River Basin accumulated precipitation in March was 102% average for this period. The Upper Colorado Basin snowpack was 85% of normal as of April 15th. This follows two below-average hydrologic years, and this watershed is in a long-term drought. Lake Mead and Lake Powell combined have about 59% of their average storage volume for this time of year. If Lake Mead’s level falls below a “trigger” limit 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 May Lake Mead Levels were hovering around the “trigger” limit but fortunately levels are expecting to increase from the large amounts of precipitation that hit the Colorado River Basin this summer and spring. 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.

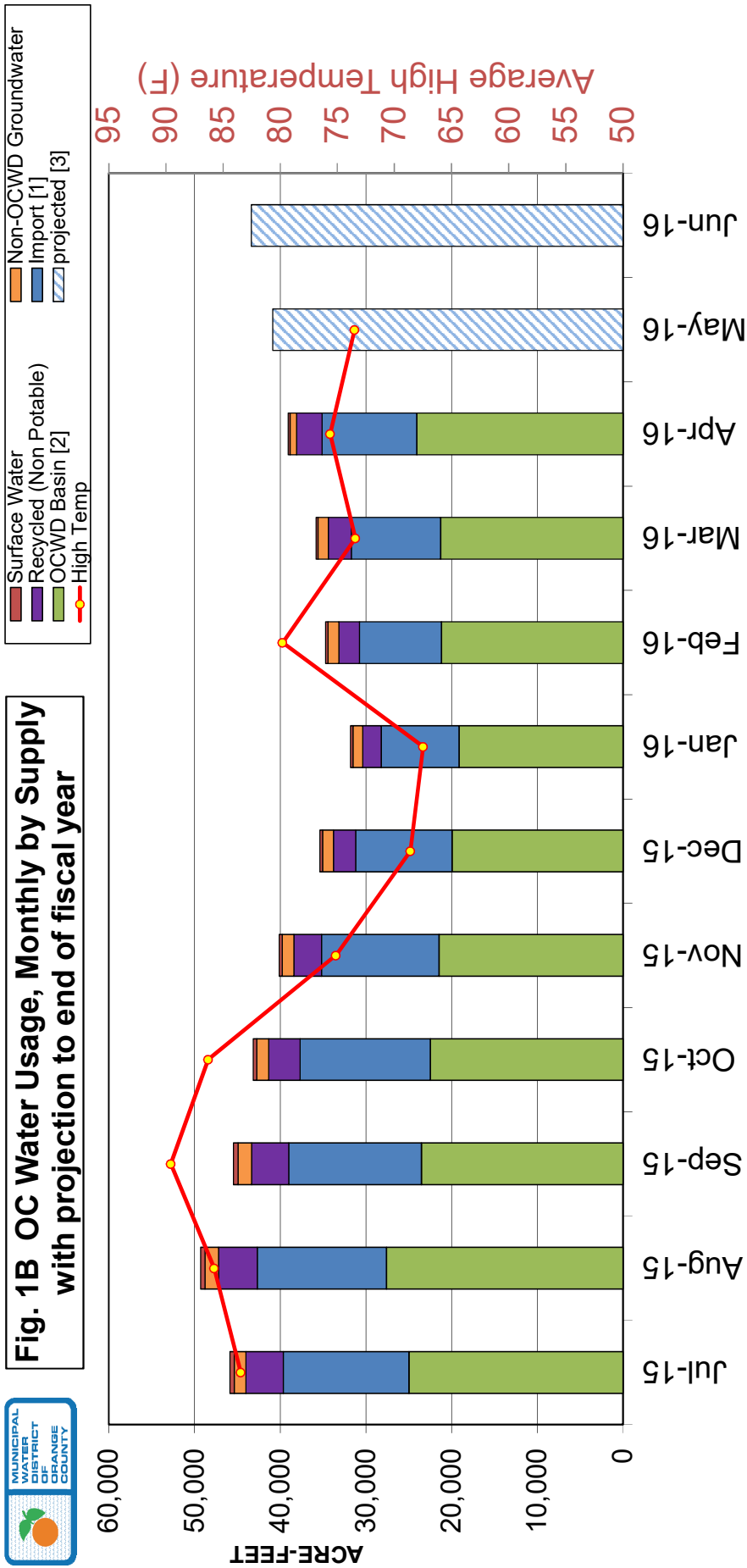
[2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '15-16 is 75%.

[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.



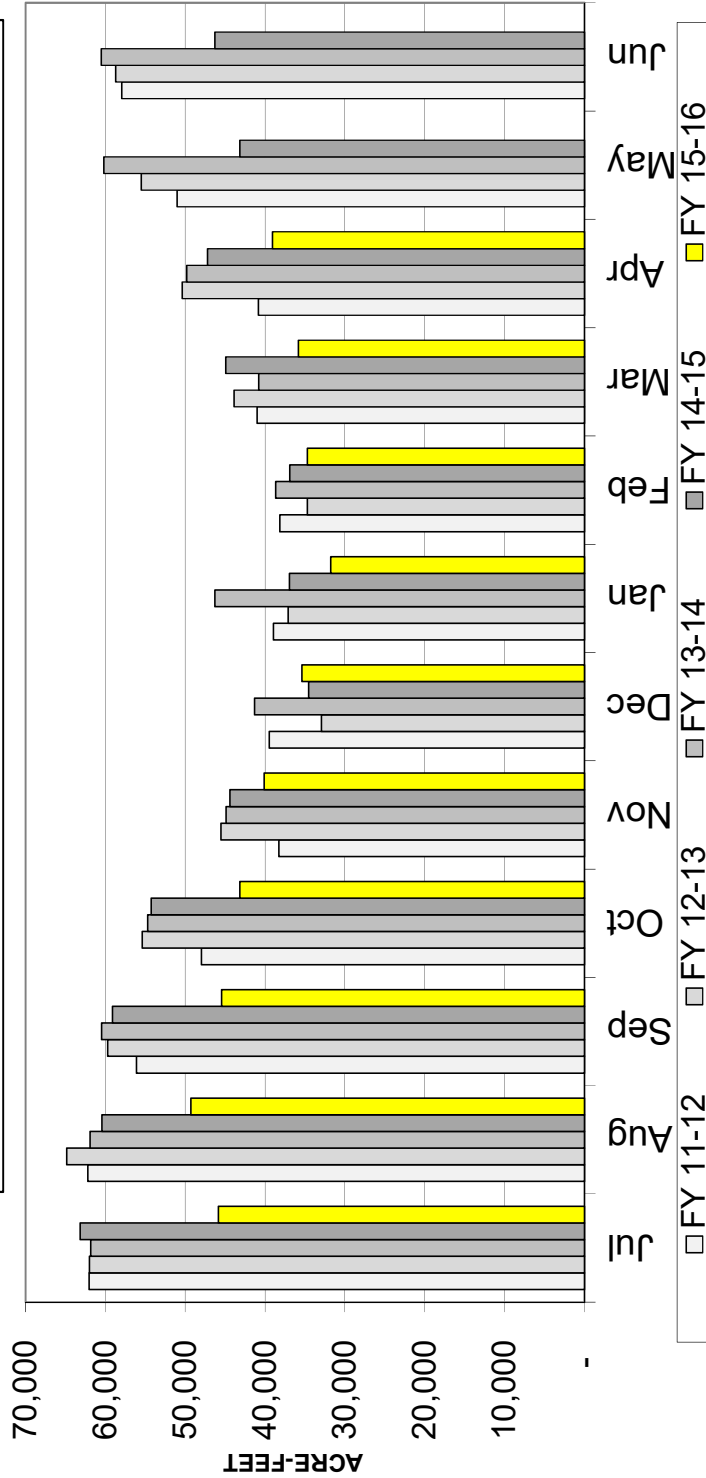
**Fig. 1B OC Water Usage, Monthly by Supply
with projection to end of fiscal year**



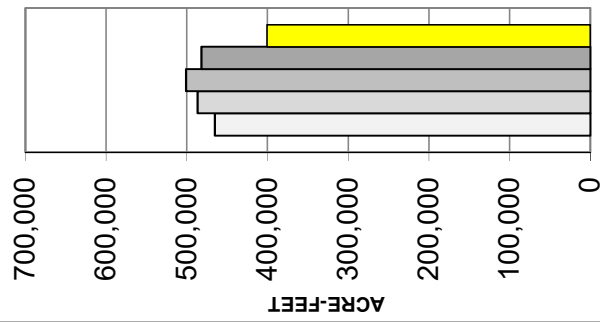
[1] Imported water for consumptive use. Includes "In-Lieu" deliveries and CUP water extraction. Excludes "Direct Replenishment" deliveries of spreading water, "Barrier Replenishment" deliveries, and deliveries into Irvine Lake.
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 [3] MWDOC's estimate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



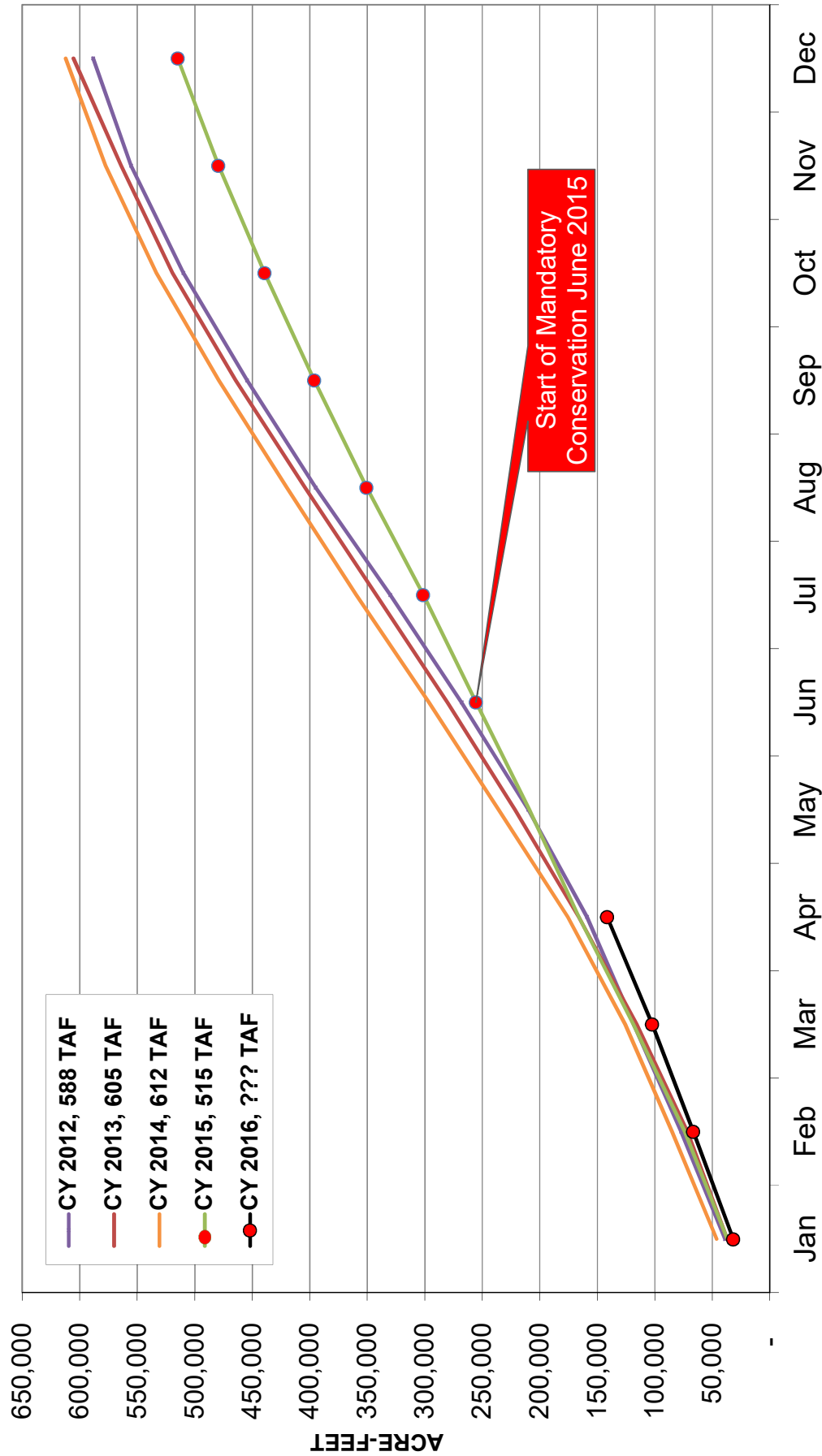
Partial Year Subtotals



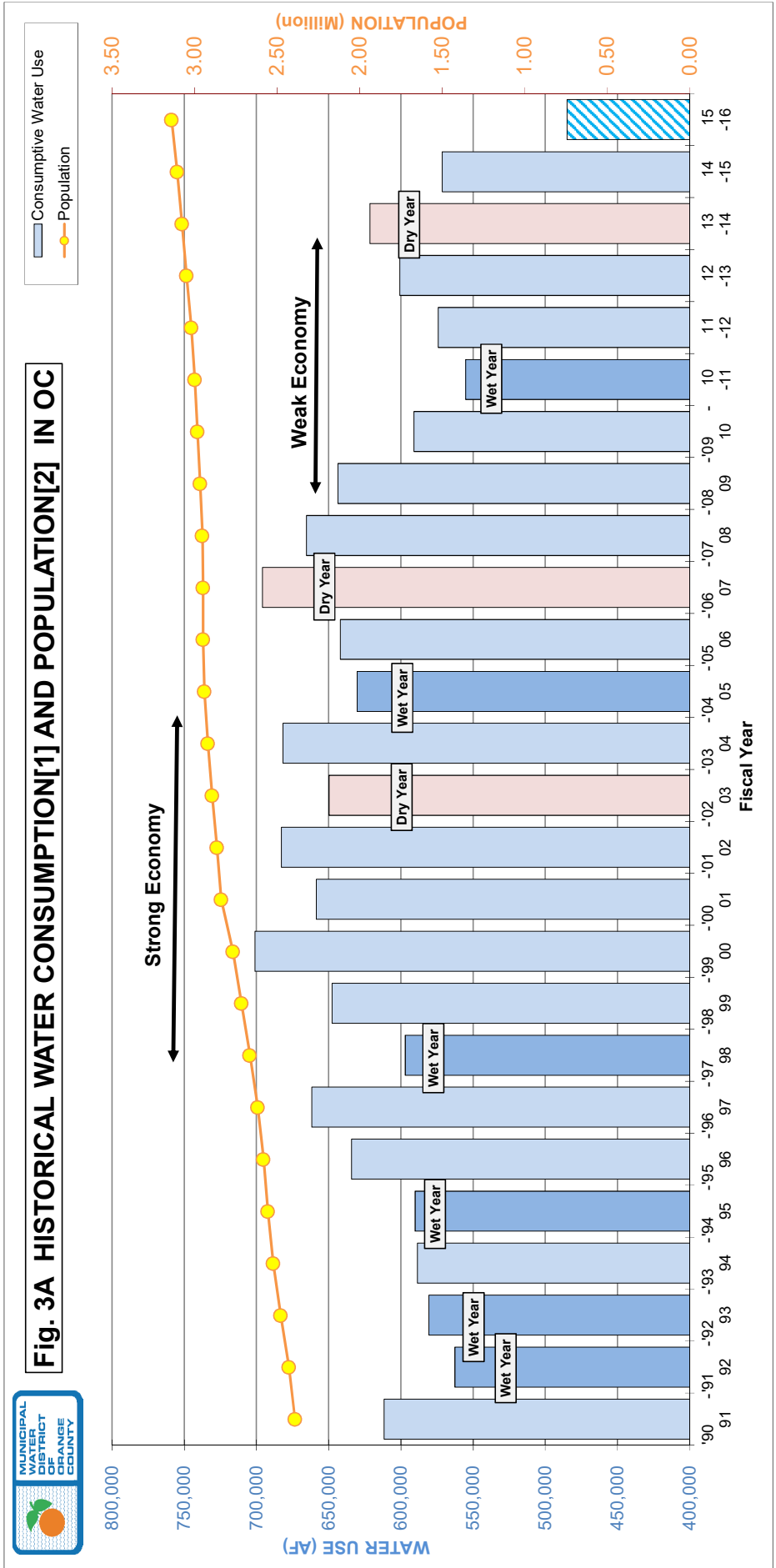
[1] Sum of Imported water for consumptive use (includes "In-Lieu" deliveries; excludes "Direct Replenishment" and "Barrier Replenishment") and Local water for consumptive use (includes recycled and non-potable water; excludes GWRS production, groundwater pumped to waste, and waste brine from water treatment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



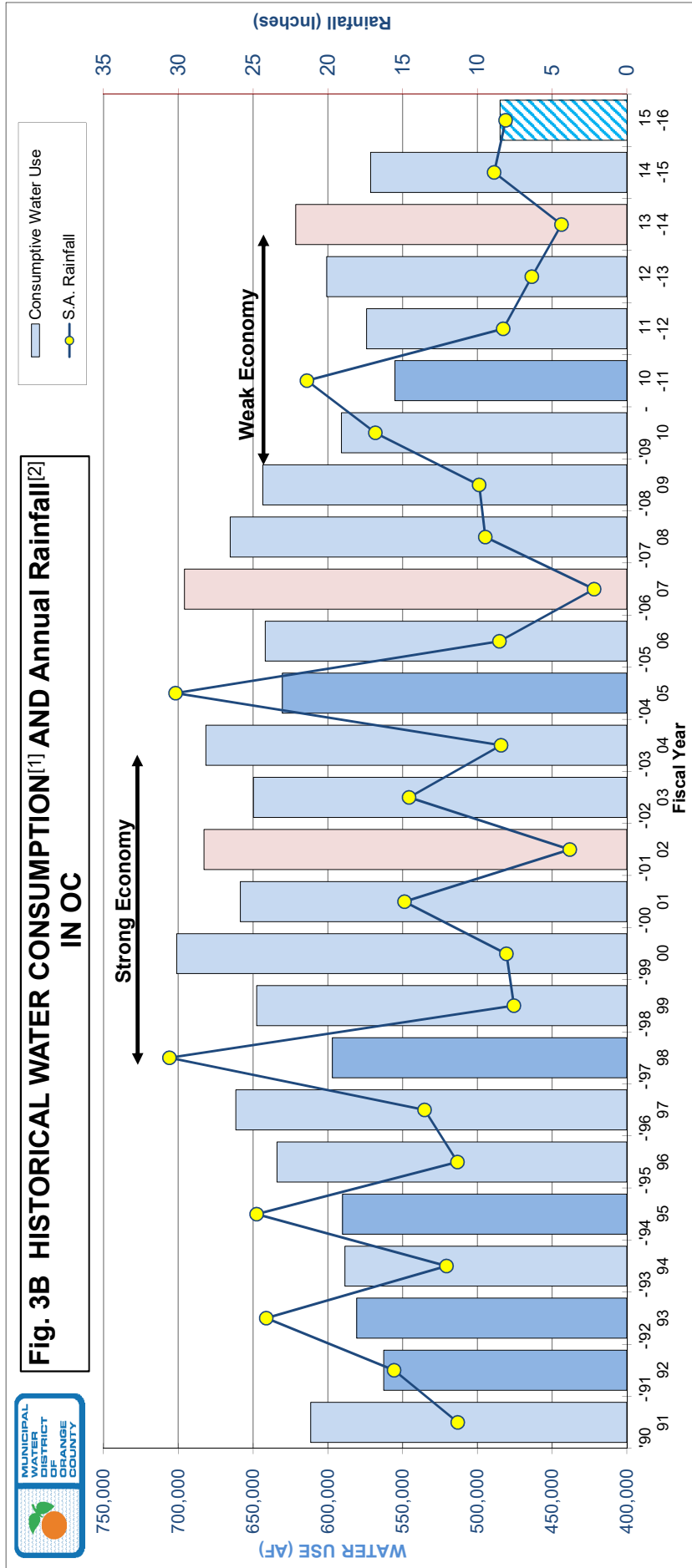
[1] Sum of Imported water for consumptive use (includes "In-Lieu" deliveries; excludes "Direct Replenishment" and "Barrier Replenishment") and Local water for consumptive use (includes recycled and non-potable water; excludes GWRS production and waste brine from water quality pumping projects).



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

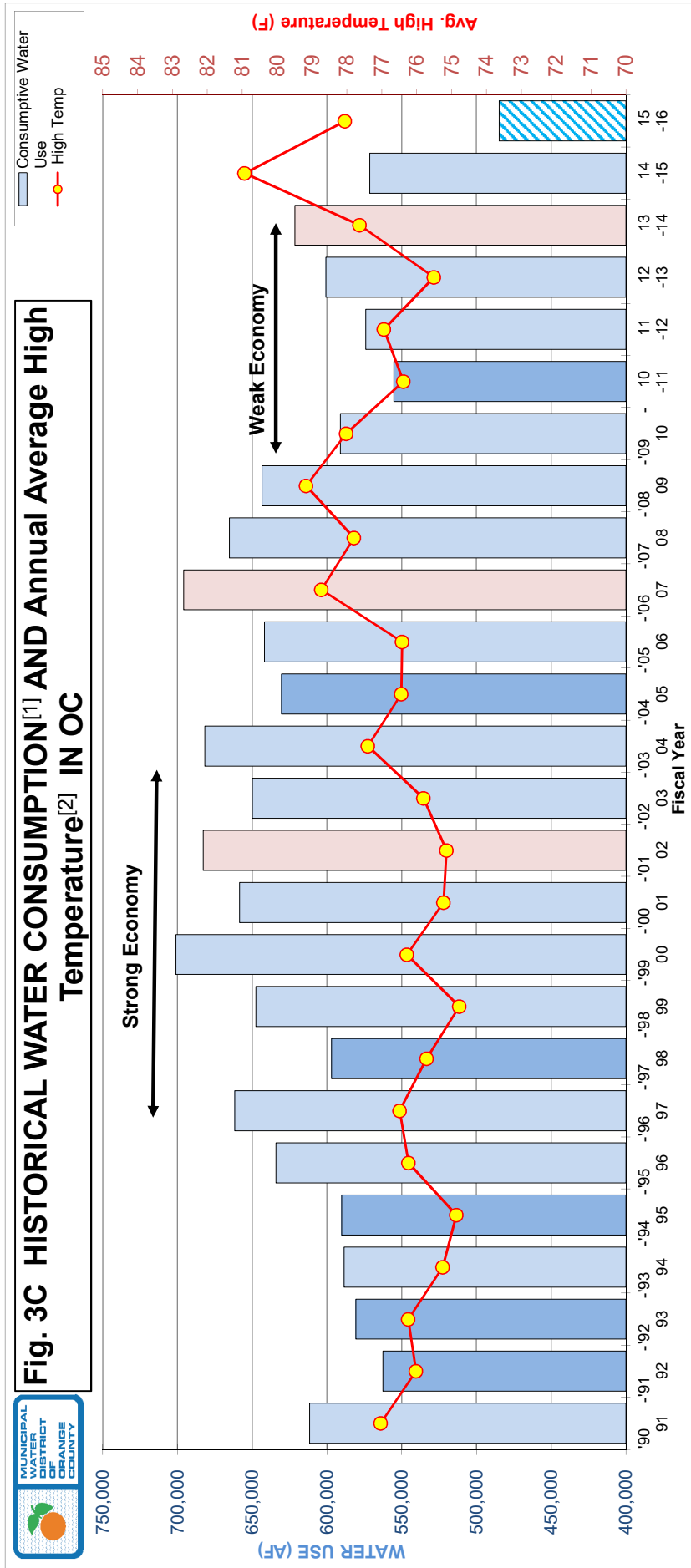
[2] Population estimates in the 2000s decade were revised by the State Dept. of Finance to reflect the 2010 Census counts.

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



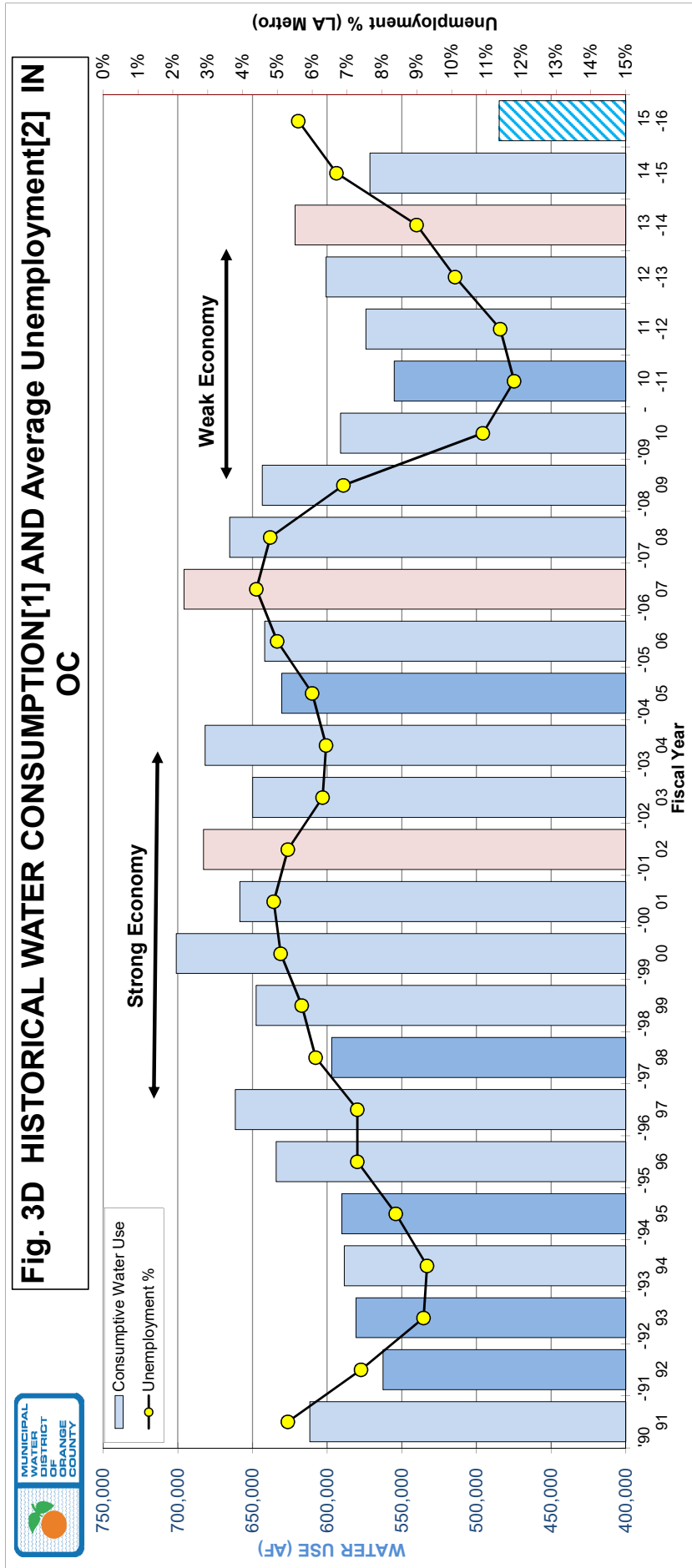
[1] Consumption includes potable, recycled and non-potable usage; excludes Barrier and Spreading water. The most recent data involve some estimation.

[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.

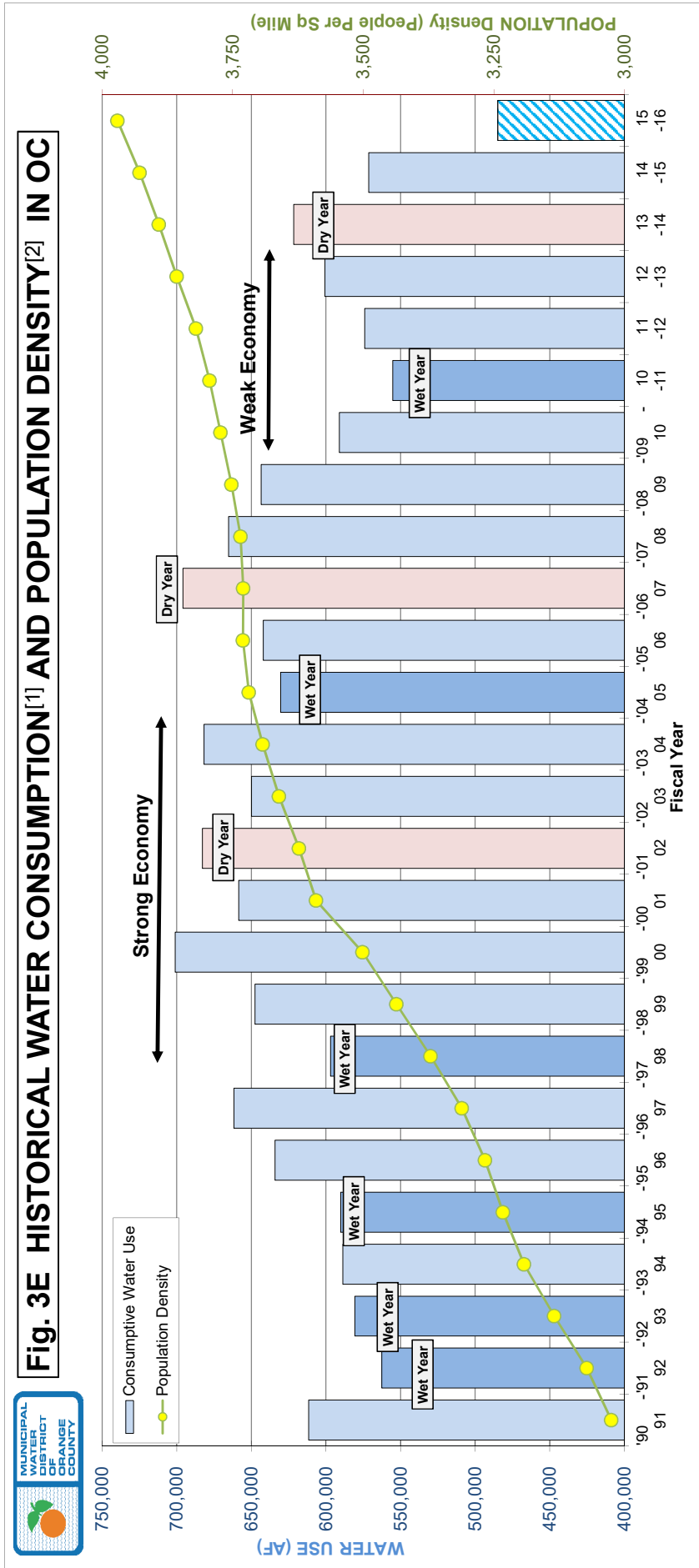
[2] Temperature data is from Santa Ana Fire Station, elevation 135'



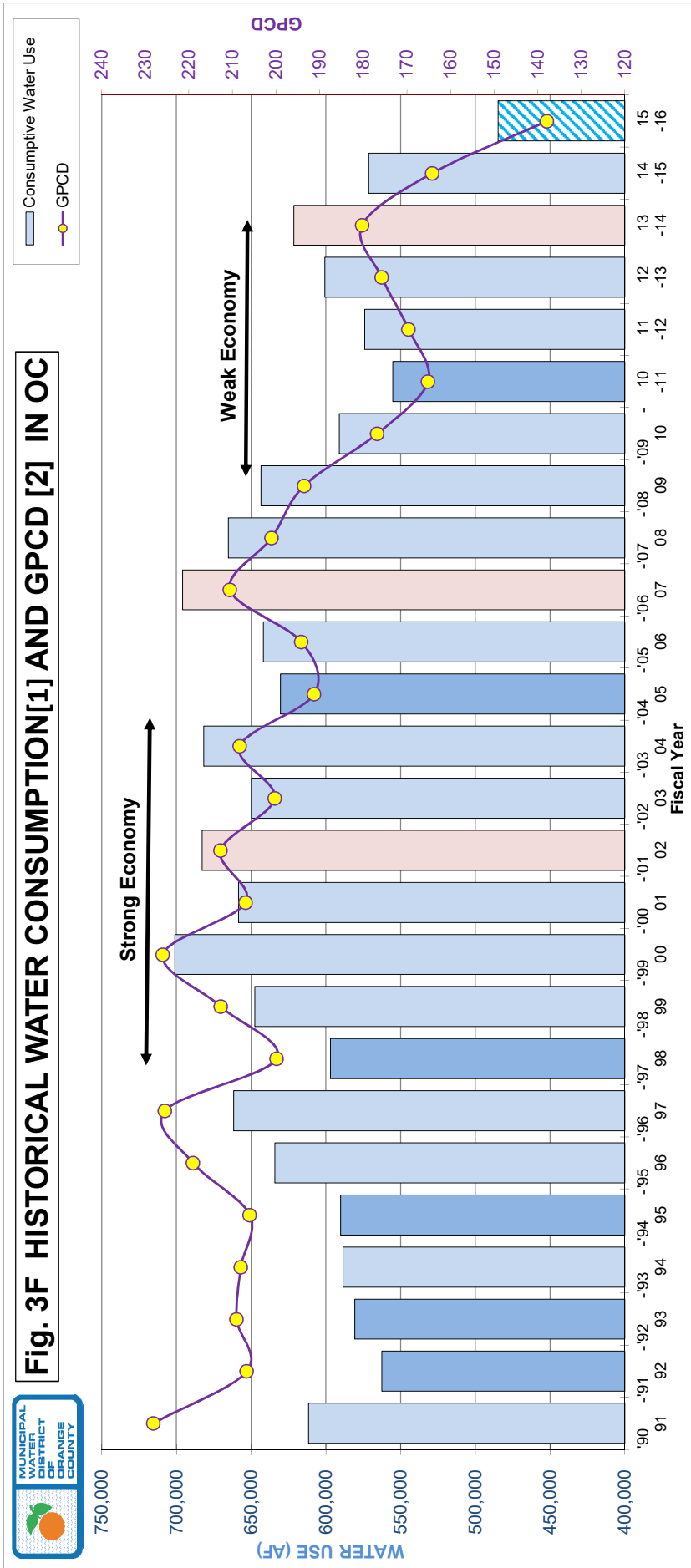
[1] Consumption includes potable, recycled and non-potable usage; excludes Barrier and Spreading water. The most recent data involve some estimation.

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

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



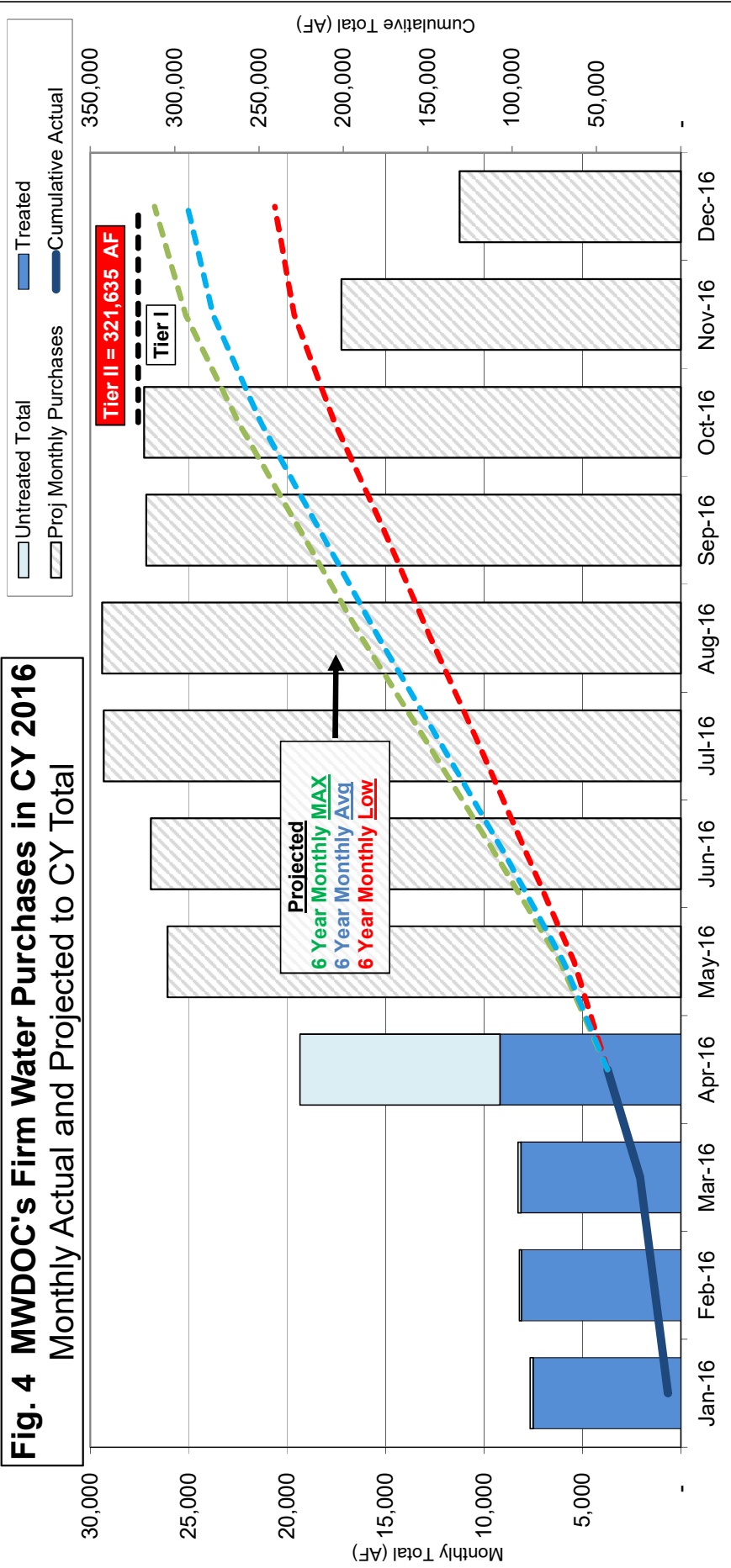
[1] Consumption includes potable, recycled and non-potable usage; excludes Barrier and Spreading water. The most recent data involve some estimation.
 [2] Population estimates in the 2000s decade were revised by the State Dept. of Finance to reflect the 2010 Census counts.



[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

- "Firm" includes Full Service (both Treated and Untreated) and Barrier water.
- 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.

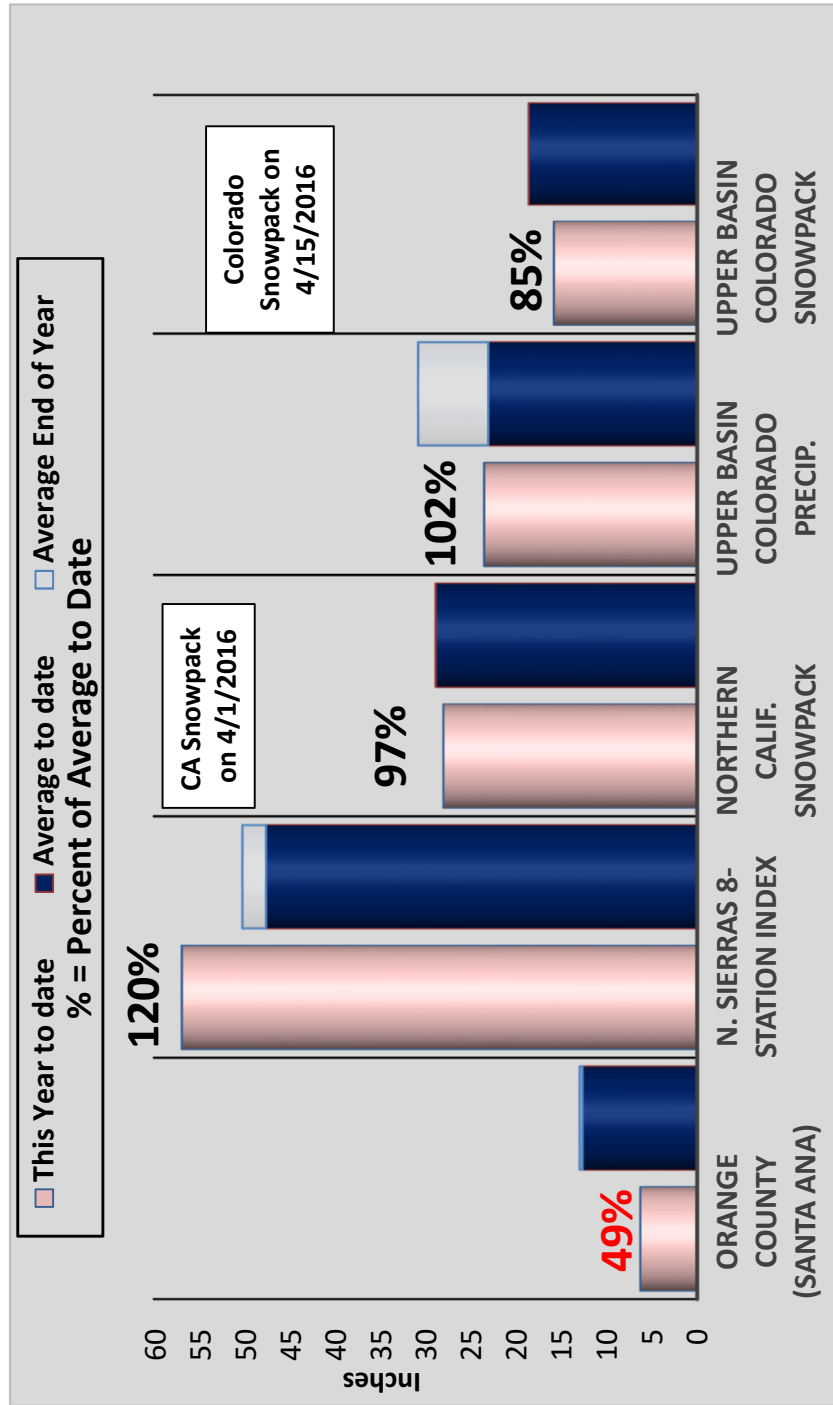


prepared by the Municipal Water District of Orange County

**numbers are subject to change*

printdate 6/1/2016

Accumulated Precipitation for the Oct.-Sep. water year, through late May 2016



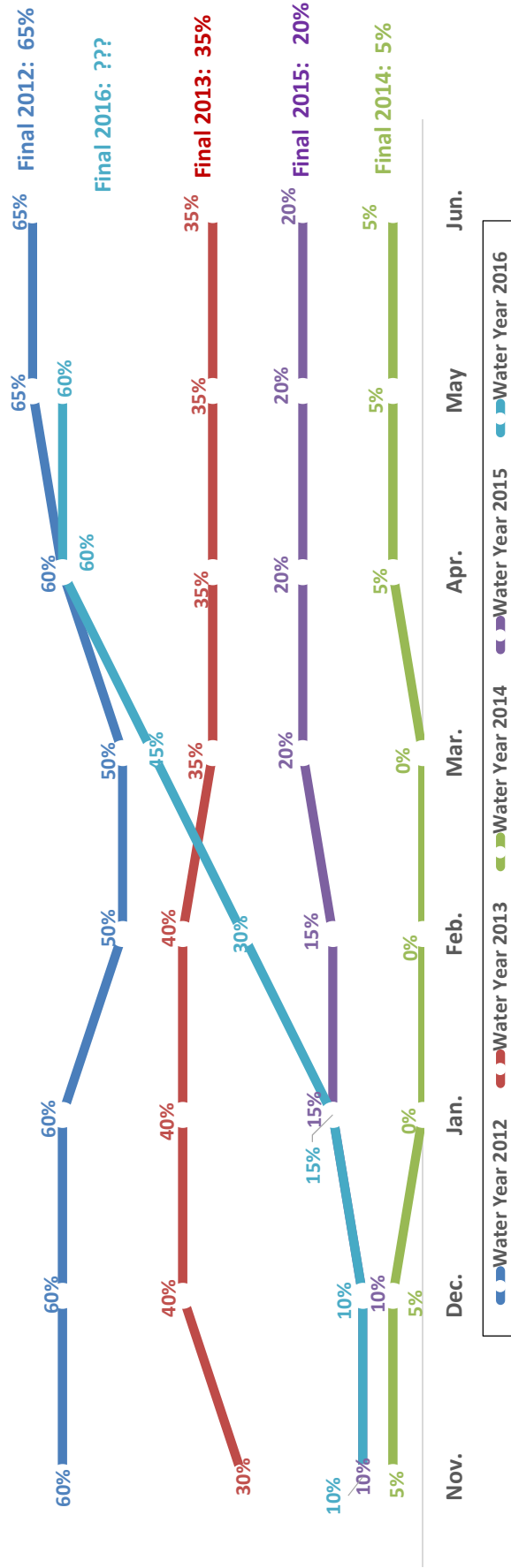
* The date of maximum snowpack accumulation (April 1st in Northern Calif. , April 15th in the Upper Colorado Basin) is used for year to year comparison.





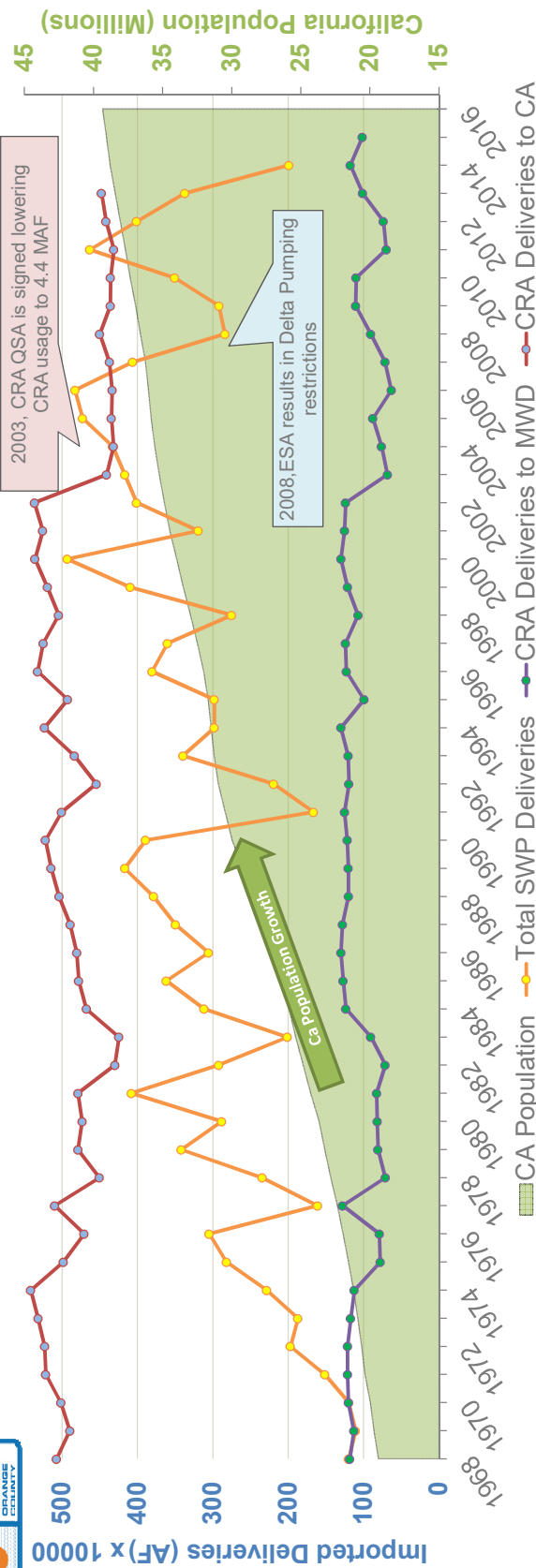
SWP TABLE A ALLOCATION

FOR STATE WATER PROJECT CONTRACTORS

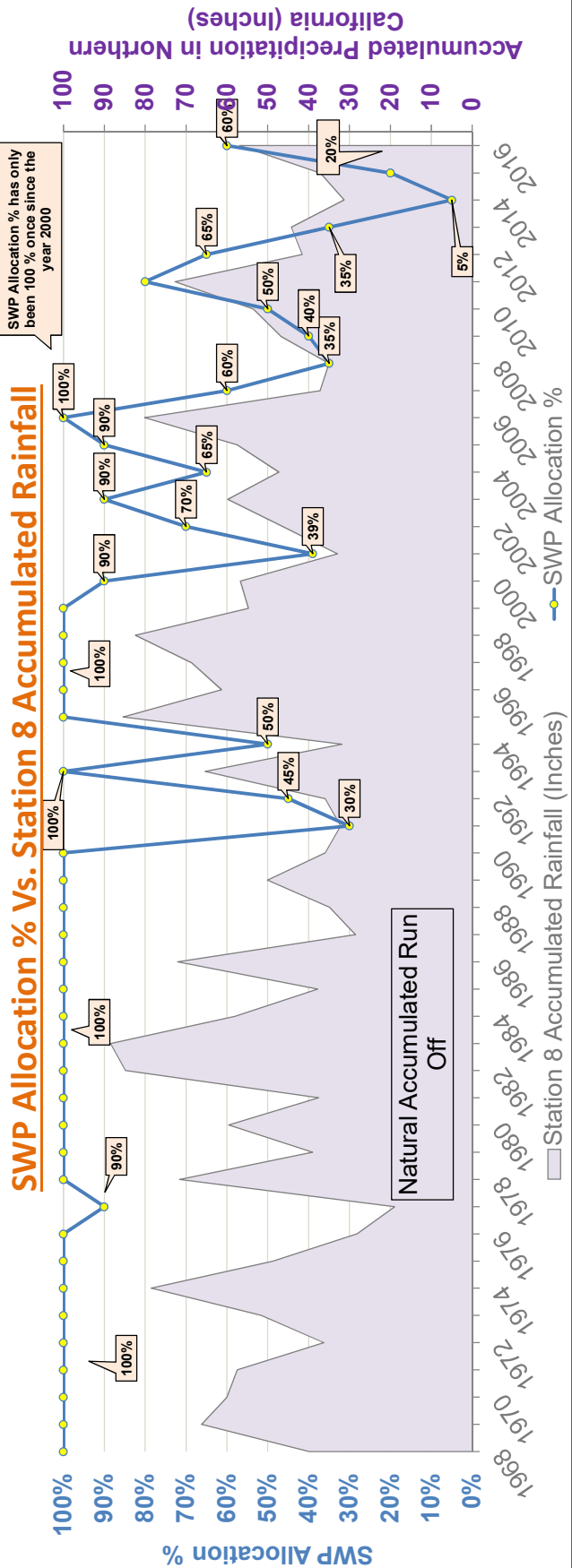




Imported Water Deliveries Vs. California Population Growth

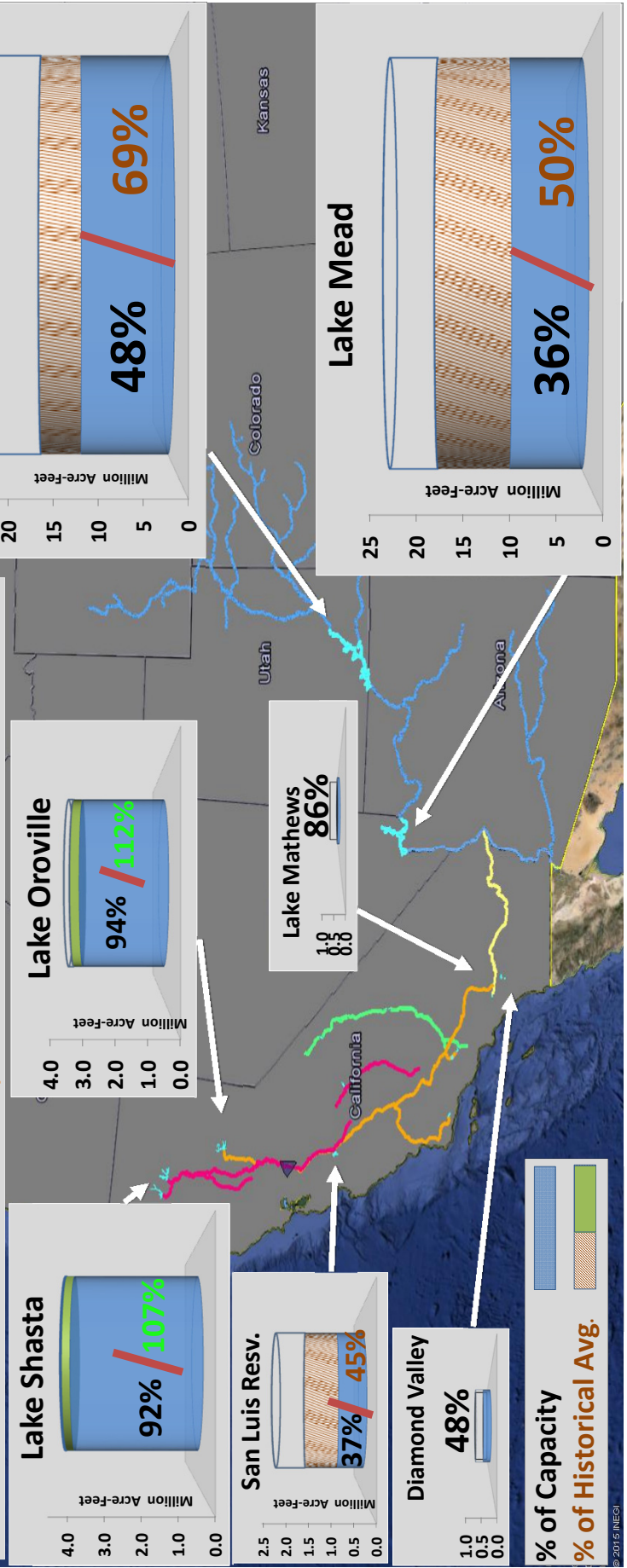


SWP Allocation % Vs. Station 8 Accumulated Rainfall



State Water Project, Colorado River, and MWD Reservoir Storage

as of May 26th, 2016



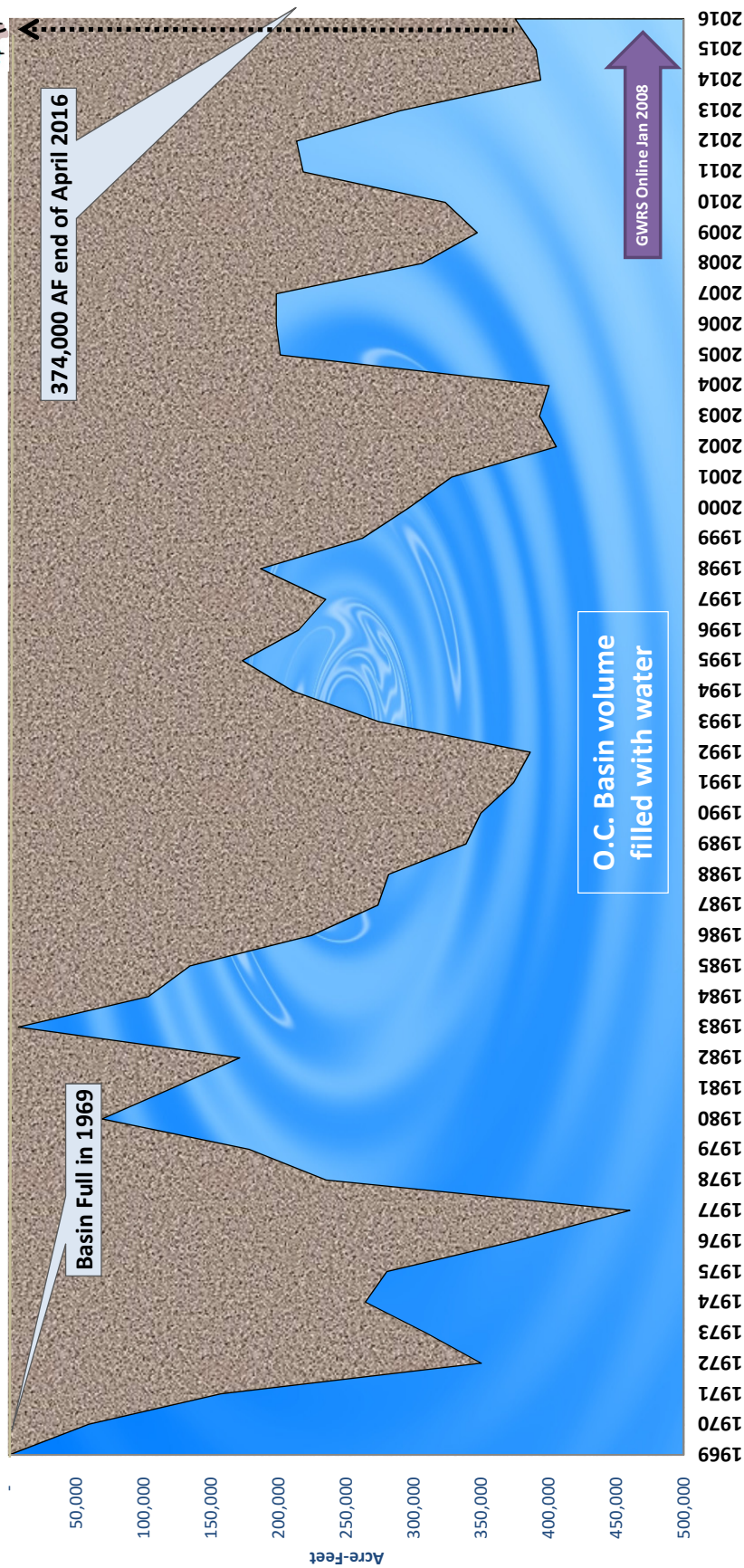
Prepared by the Municipal Water District of Orange County
 *Number are Subject to Change





O.C. Basin Accumulated Overdraft

Annual, 1969 to Present

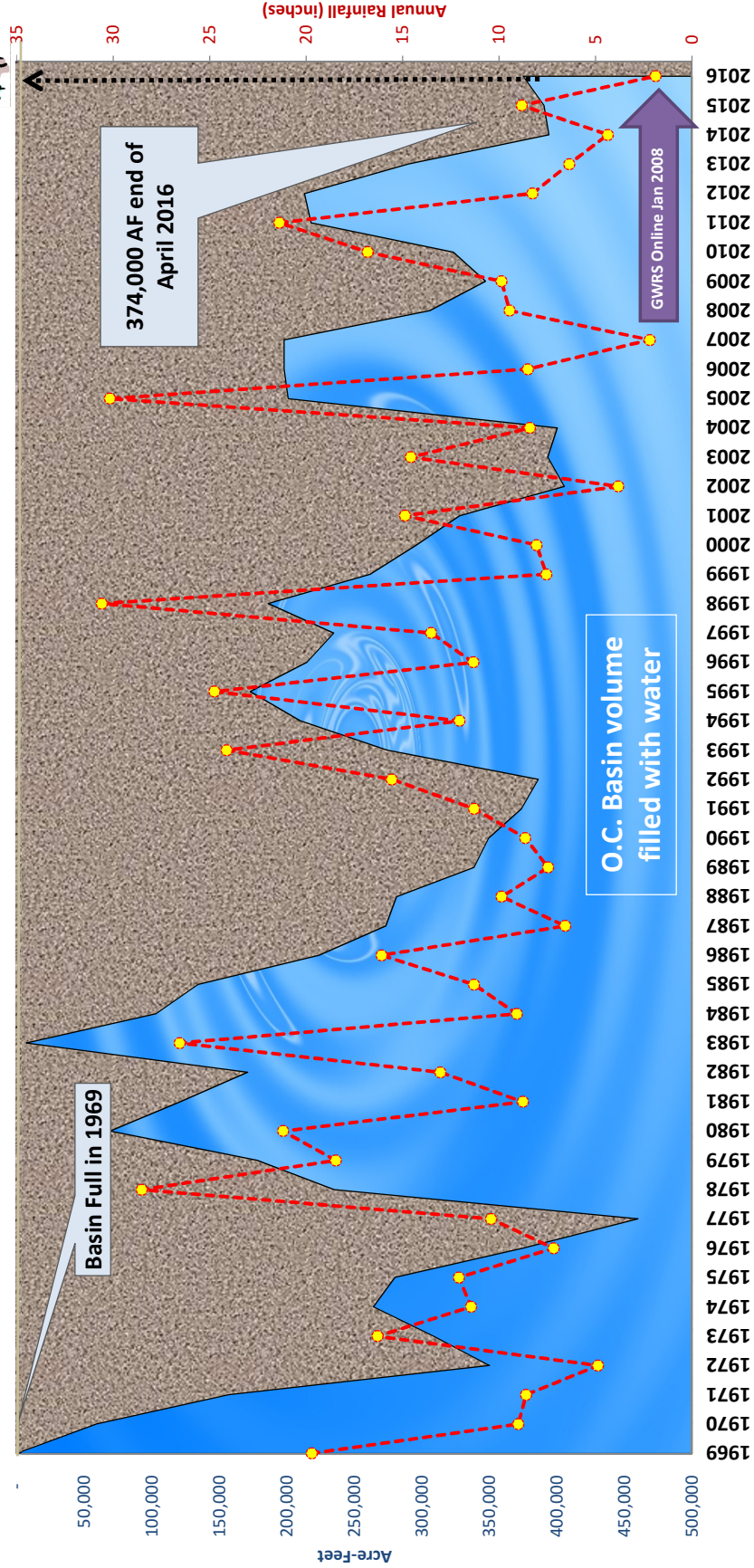
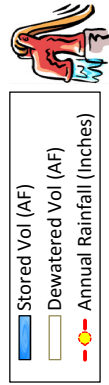


~ Accumulated Overdraft (dewatered volume) shown as white area, excluding the volume stored by Metropolitan. source: OCWD



O.C. Basin Accumulated Overdraft Vs. Annual Rainfall

Annual, 1969 to Present

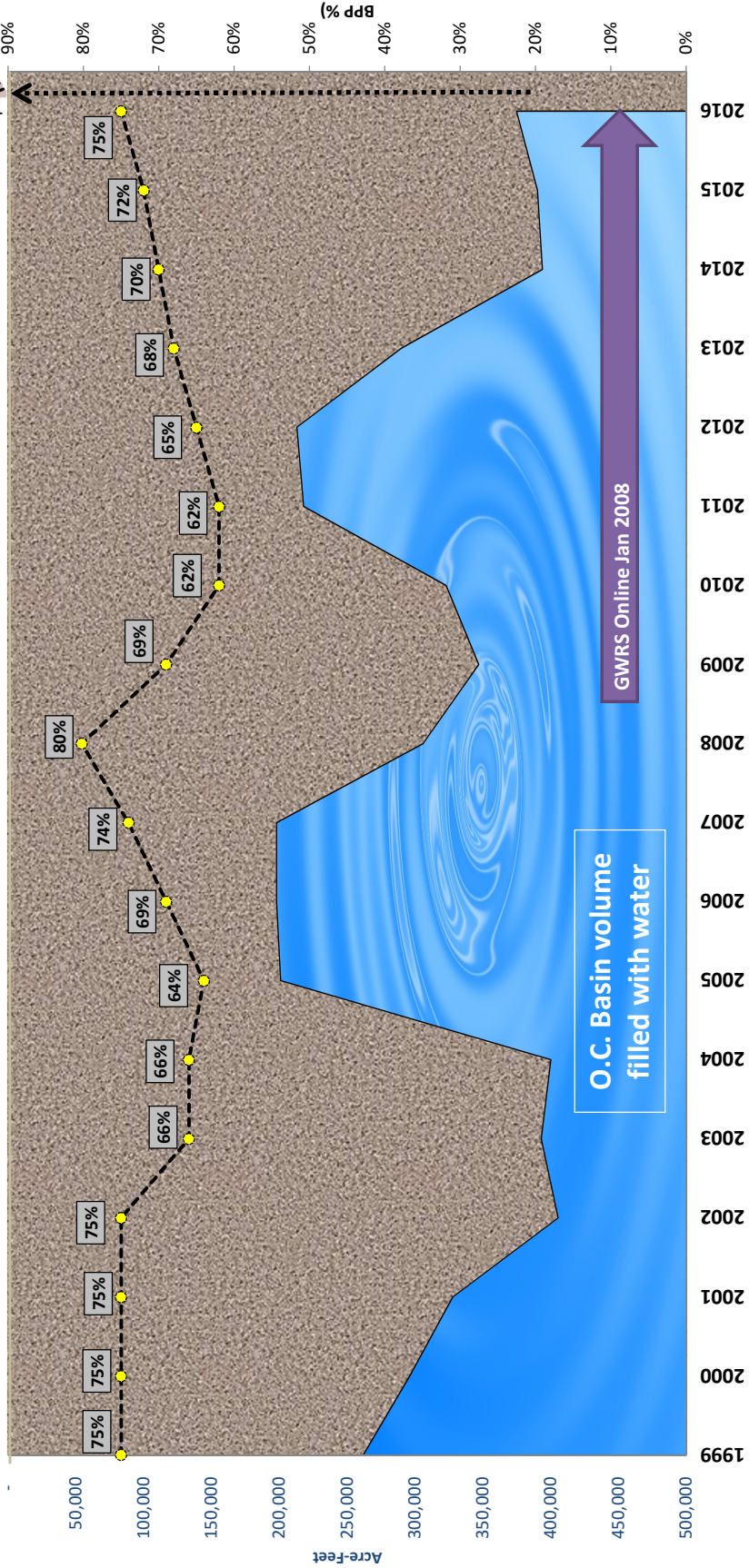
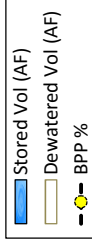


~ Accumulated Overdraft (dewatered volume) shown as white area, excluding the volume stored by Metropolitan. source: OCWD

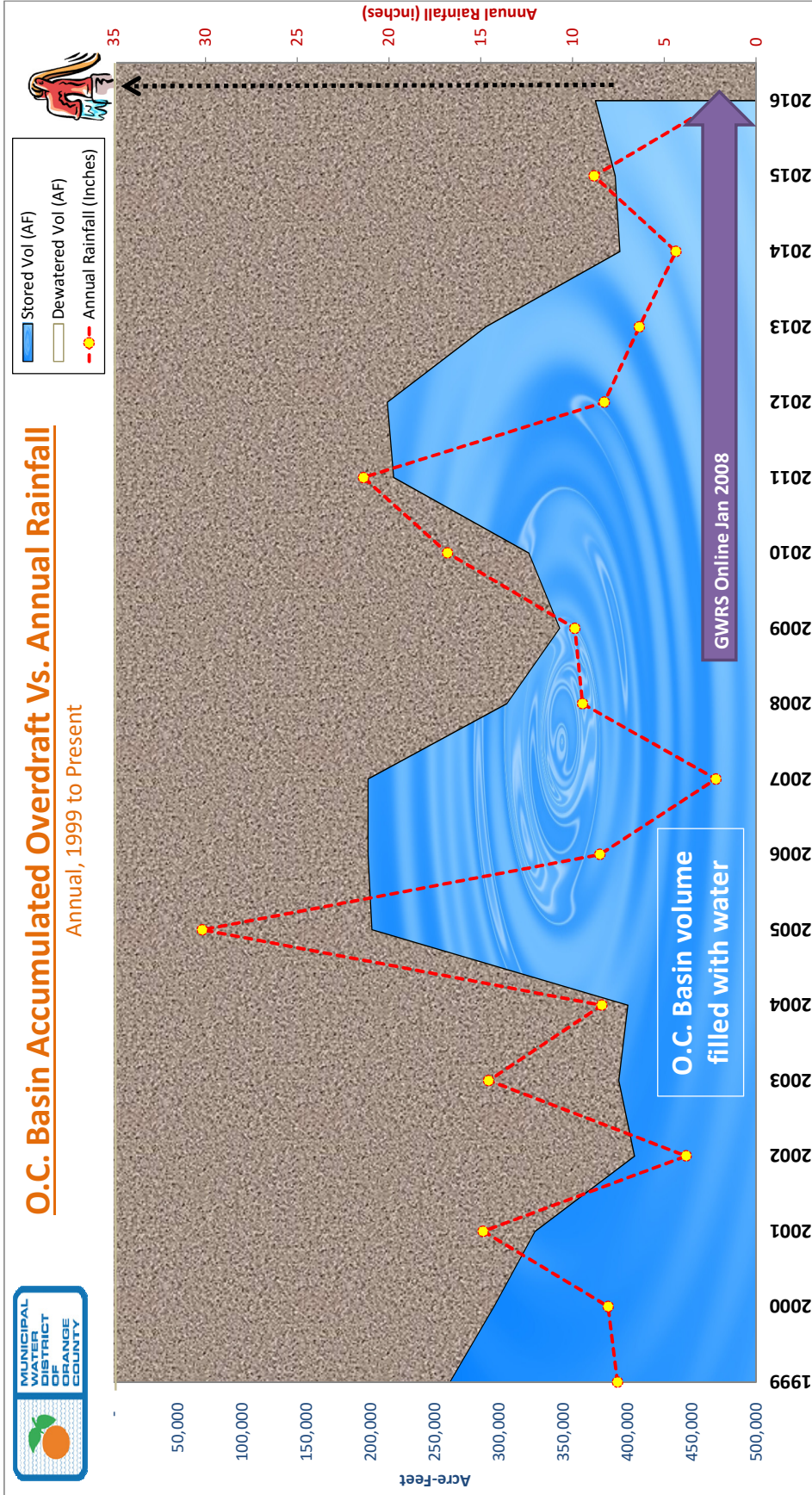


O.C. Basin Accumulated Overdraft Vs. BPP %

Annual, 1999 to Present



~ 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 Historical Water Elevation Level

