

**City of Fullerton**  
**Water Conservation Standard Self-Certification**

<b>Total Potable Water Demand (Acre-feet)</b>			
Calendar Year	2013	2014	Average
<b>Potable Water Demand (Acre-feet)</b>	29,335	29,128	29,231

<b>Total Potable Water Supply (Acre-feet)</b>			
	2017	2018	2019
Importer Water Supply* (Metropolitan Water District of Southern California)	8,762	8,766	8,765
Local Groundwater Supply** (Orange County Water District)	20,463	20,465	20,464
<b>Total Potable Water Supply</b>	<b>29,225</b>	<b>29,231</b>	<b>29,229</b>

\* See Attachment 1 for detail.

\*\* See Attachment 2 for detail.

<b>Water Supply and Demand Balance (Acre-feet)</b>			
	2017	2018	2019
Total Potable Water Supply	29,225	29,231	29,229
Total Potable Water Demand	29,231	29,231	29,231
Supply Shortfall at the end of 2019			-2
<b>Conservation Standard with Self-Certification of Supply Reliability</b>			<b>0%</b>

## State Water Resources Control Board Drought Emergency Conservation Urban Wholesaler Supply Reliability Analysis - June 22, 2016

### Metropolitan Water District of Southern California Supplies Available to Urban Water Suppliers

	2017	2018	2019
City of Anaheim	19,682	19,691	19,688
City of Beverly Hills	10,917	10,917	10,917
City of Burbank	14,271	14,246	14,246
Calleguas MWD	111,980	111,931	111,931
Central Basin MWD	53,065	53,096	37,127
City of Compton	389	0	361
Eastern MWD	97,217	99,805	101,053
Foothill MWD	9,380	9,409	9,525
City of Fullerton	8,762	8,766	8,765
City of Glendale	19,114	19,292	19,394
Inland Empire Utilities Agency	69,752	69,752	61,269
Las Virgenes MWD	23,517	23,517	23,517
City of Long Beach	26,053	26,053	26,053
Los Angeles DWP	385,624	387,624	424,024
Municipal Water District of Orange County	226,880	226,880	226,880
City of Pasadena	21,714	21,714	21,714
San Diego County Water Authority	290,798	257,237	233,242
City of San Fernando	0	0	190
City of San Marino	962	962	962
City of Santa Ana	11,577	11,583	9,581
City of Santa Monica	5,033	5,033	5,033
Three Valleys MWD	67,970	71,828	74,269
City of Torrance	19,475	15,475	15,475
Upper San Gabriel Valley MWD	48,963	48,651	66,784
West Basin MWD	129,042	127,706	127,213
Western MWD	78,374	77,007	76,757
<b>Supplies Available to Urban Water Suppliers</b>	<b>1,750,490</b>	<b>1,718,154</b>	<b>1,725,949</b>

The supplies shown in this table are directly based on the amounts of wholesale supply requested by Metropolitan's Member Agencies and are consistent with their estimated supplies and demands as they pertain to the Emergency Regulations.

Metropolitan is providing this information pursuant to the emergency regulation set forth in Section 864.5(g) of Title 23 of the California Code of Regulations. In compliance with Section 864.5(g), Metropolitan has calculated, to the best of its ability, the volume of water that it expects it would have available to deliver to each of its member agencies in each of the next three years under the assumptions identified in Section 864.5(b) of Title 23 of the California Code of Regulations. These numbers are not in any way meant to be – nor should they be interpreted as – guaranteed, minimum, or contractual amounts of water. Instead, these estimated supply numbers are based on the information available at this time to Metropolitan and the assumptions in Section 864.5(b). Furthermore, while the estimated supply and demand balances and storage capability are fully documented, these analyses do not in any way obligate the actual operation of Metropolitan's system over the next three years.

## Attachment 2

### ORANGE COUNTY WATER DISTRICT / URBAN WATER WHOLESALER SWRCB - EMERGENCY DROUGHT REGULATIONS - SELF CERTIFICATION - ESTIMATED GROUNDWATER PUMPING

	FY16-17	FY17-18	FY18-19
<b>Groundwater Basin Recharge</b>			
Santa Ana River Base Flows	64,048	64,048	64,048
Santa Ana River Storm Flows	48,317	23,380	37,742
Incidental Recharge	19,698	31,867	49,936
Groundwater Replenishment System	103,000	103,000	103,000
Untreated Metropolitan Water District Water Received	49,748	49,748	49,748
Water Taken out of storage from Ground Water Basin	41,350	54,150	23,700
Alamitos Seawater Barrier - Injection Well Recharge	<u>2,000</u>	<u>2,000</u>	<u>2,000</u>
<b>Total Recharge &amp; Allowable Groundwater Pumping</b>	<b>328,161</b>	<b>328,193</b>	<b>330,174</b>
<b>Groundwater Basin Pumping/Total Water Demands</b>			
BEA Exempt WQ Pumping Projects above the BPP	<u>21,720</u>	<u>21,720</u>	<u>23,720</u>
Net Remaining Allowable Groundwater Pumping	306,441	306,473	306,454
<b>Total Average Water Demands in CYS 2013 &amp; 2014</b>	<b>458,153</b>	<b>458,153</b>	<b>458,153</b>
Reclaimed Water (purple pipe)	<u>20,390</u>	<u>20,390</u>	<u>20,390</u>
<b>Net Total Average Water Demands</b>	<b>437,763</b>	<b>437,763</b>	<b>437,763</b>
Basin Production Percentage (BPP)	70%	70%	70%

- (1) From 14-15 SAR Watermaster Report
- (2) Actual amounts for 12-13, 13-14, 14-15
- (3) Actual amounts for 12-13, 13-14, 14-15
- (4) Estimated amount for FY 15-16
- (5) Average amount for 12-13, 13-14, 14-15
- (6) OCWD GW Basin Accumulated Overdraft 109,500 af Available remain
- (7) Note that allowable groundwater pump
- (8) Additional GW Pumping above the Basin Production Percentage (BPP) - City of Santa Ana

June 17, 2016  
Version

Year 1 - FY16-17	Average		Net Total	BEA Exempt	Total
Urban Water Supplier (1)	2013 & 2014 Total Water Demands	Purple Pipe Reclamation	Water Demands	Pumping above BPP	Groundwater Pumping
Anaheim	66,505	100	66,405	46,485	46,485
Buena Park	14,959		14,959	10,471	10,471
East Orange County Water District (Production)	1,035		1,035	724	724
Fountain Valley	11,444	1,350	10,094	7,066	7,066
Fullerton	29,232		29,232	20,463	20,463
Garden Grove	25,906		25,906	18,135	18,135
Golden State Water Company	26,935		26,935	18,855	18,855
Huntington Beach	30,305		30,305	21,214	21,214
Irvine Ranch Water District*	73,375	17,000	56,375	39,463	53,463
Laguna Beach County Water District*	3,838		3,838	2,025	2,025
La Palma	2,141		2,141	1,499	1,499
Mesa Water*	20,355	1,286	19,069	13,349	19,069
Newport Beach	17,042	490	16,552	11,587	11,587
Orange	31,595		31,595	22,117	22,117
Santa Ana	39,812	350	39,462	27,624	27,624
Seal Beach	3,792		3,792	2,654	2,654
Serrano Water District	3,260		3,260	2,282	2,282
Tustin	12,186		12,186	8,530	10,530
Westminster	12,400		12,400	8,680	8,680
Yorba Linda Water District*	21,921		21,921	14,249	14,249
Other	<u>10,115</u>		<u>10,115</u>	<u>7,081</u>	<u>7,081</u>
<b>Total</b>	<b>458,153</b>	<b>20,576</b>	<b>437,577</b>	<b>304,553</b>	<b>217,200</b>

Year 2 - FY17-18	Average					
	Urban Water Supplier (1)	2013 & 2014 Total Water Demands	Purple Pipe Reclamation	Net Total Water Demands	BPP Pumping	BEA Exempt Pumping above BPP
Anaheim	66,505	100	66,405	46,489		46,489
Buena Park	14,959		14,959	10,473		10,473
East Orange County Water District (Production)	1,035		1,035	724		724
Fountain Valley	11,444	1,350	10,094	7,067		7,067
Fullerton	29,232		29,232	20,465		20,465
Garden Grove	25,906		25,906	18,137		18,137
Golden State Water Company	26,935		26,935	18,857		18,857
Huntington Beach	30,305		30,305	21,216		21,216
Irvine Ranch Water District*	73,375	17,000	56,375	39,463	14,000	53,463
La Palma	2,141		2,141	1,499		1,499
Laguna Beach County Water District*	3,838		3,838	2,025		2,025
Mesa Water*	20,355	1,286	19,069	13,350	5,720	19,070
Newport Beach	17,042	490	16,552	11,588		11,588
Orange	31,595		31,595	22,119		22,119
Santa Ana	39,812	350	39,462	27,627	-	27,627
Seal Beach	3,792		3,792	2,655		2,655
Serrano Water District	3,260		3,260	2,282		2,282
Tustin	12,186		12,186	8,531	2,000	10,531
Westminster	12,400		12,400	8,681		8,681
Yorba Linda Water District*	21,921		21,921	14,249		14,249
Other	10,115		10,115	7,082		7,082
<b>Total</b>	<b>458,153</b>	<b>20,576</b>	<b>437,577</b>	<b>304,578</b>	<b>21,720</b>	<b>326,298</b>

Year 3 - FY18-19	Average					
	Urban Water Supplier (1)	2013 & 2014 Total Water Demands	Purple Pipe Reclamation	Net Total Water Demands	BPP Pumping	BEA Exempt Pumping above BPP
Anaheim	66,505	100	66,405	46,487		46,487
Buena Park	14,959		14,959	10,472		10,472
East Orange County Water District (Production)	1,035		1,035	724		724
Fountain Valley	11,444	1,350	10,094	7,066		7,066
Fullerton	29,232		29,232	20,464		20,464
Garden Grove	25,906		25,906	18,135		18,135
Golden State Water Company	26,935		26,935	18,856		18,856
Huntington Beach	30,305		30,305	21,215		21,215
Irvine Ranch Water District*	73,375	17,000	56,375	39,463	14,000	53,463
Laguna Beach County Water District*	3,838		3,838	2,025		2,025
La Palma	2,141		2,141	1,499		1,499
Mesa Water*	20,355	1,286	19,069	13,349	5,720	19,069
Newport Beach	17,042	490	16,552	11,587		11,587
Orange	31,595		31,595	22,118		22,118
Santa Ana*	39,812	350	39,462	27,625	2,000	29,625
Seal Beach	3,792		3,792	2,655		2,655
Serrano Water District	3,260		3,260	2,282		2,282
Tustin	12,186		12,186	8,531	2,000	10,531
Westminster	12,400		12,400	8,681		8,681
Yorba Linda Water District*	21,921		21,921	14,249		14,249
Other	10,115		10,115	7,081		7,081
<b>Total</b>	<b>458,153</b>	<b>20,576</b>	<b>437,577</b>	<b>304,563</b>	<b>23,720</b>	<b>328,283</b>