

Certification of Self-Certified Conservation Standard

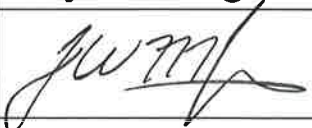
Certification of Self-Certified Conservation Standard Form

I hereby certify that: **San Clemente City** of

1. I will oversee, review, and take full responsibility for the completeness and accuracy of all data submitted to the State Water Resources Control Board as part of the reporting required pursuant to California Code of Regulations, title 23, section 864.5, subdivisions (a)(3) and (h);
2. I have the authority to make the aforesaid certifications on behalf of

San Clemente City of

I acknowledge that submitting any information required by California Code of Regulations, title 23, section 864.5, including this certification, that I know or should know to be materially false is a violation punishable by civil liability of up to five hundred dollars (\$500) for each day in which the violation occurs. Every day that the error goes uncorrected constitutes a separate violation. Civil liability for the violation is in addition to, and does not supersede or limit, any other remedies, civil or criminal.

Printed Name	James Makshanoff
Title (General Manager or equivalent)	City Manager
Signature	
Date	6/22/16
Email Address	MakshanoffJ@san-clemente.org
Phone Number	(949) 361-8321

Please print, sign and submit completed form and upload the form to this weblink (see Step 5 of the online form): <http://drinc.ca.gov/dnn/applications/publicwatersystems/waterreliabilitycertification.aspx>

Certification of Self-Certified Conservation Standard

Recognizing persistent yet less severe drought conditions throughout California, on May 18, 2016, the State Water Board adopted an emergency water conservation regulation that replaces the February 2 emergency regulation. The May 2016 regulation requires locally developed conservation standards based upon each agency's specific circumstances. It replaces the prior percentage reduction-based water conservation standard with a localized "stress test" approach. Each water supplier is required to evaluate its supply portfolio and self-certify the accuracy of its information; the State Water Board assigns each supplier a mandatory conservation standard equal to the percentage deficiency the supplier identifies in its supply under certain specified assumptions. See this webpage [Water Conservation Portal](#) for more information on the May 2016 emergency regulation. The new conservation standards take effect in June and remain in effect until the end of January 2017.

Requirements:

The regulation requires individual urban water suppliers to conduct a stress test and self-certify the level of available water supplies they have assuming three additional dry years, as well as the level of conservation necessary to assure adequate supply over that time. Suppliers that would face a shortage after a third dry year are required to comply with a conservation standard equal to the amount of that shortage. Water supply reliability after the 2018-19 winter is calculated as follows:

- The supply projection for the next three years is based on **current supply conditions** plus an assumed three-year hydrology mirroring the 2012-13, 2013-14, and 2014-15 water years. (A water year runs from October 1 through September 30).
- No temporary change orders that increase the availability of water to any urban water supplier are issued in the next three years.
- Demand over that same period is based on each supplier's average total potable water production for calendar years 2013 and 2014.
- Suppliers factor into their calculations all of their water sources that are realistically capable of being treated to potable standard during the three-year projected period.
- Supplier's conservation standards are calculated as a percentage and rounded to the nearest whole percentage point.
- Suppliers self-certify accuracy of their conclusions and provide their analysis and supporting data to the State Water Board and at a publicly available website.
- The State Water Board posts information provided by suppliers on its website and assigns each supplier, as a mandatory conservation standard, reductions equal to the supplier's projected percentage deficiency in supply at the end of the third dry year.
- Wholesale water suppliers are required to make projections about how much water they would deliver to retail water suppliers under the three-dry-years scenario. While the wholesale suppliers may aggregate water supply production data for a region, they will need to assign how the water would be apportioned among retailer water suppliers that are its customers (e.g., using the same apportionments as in water years 2013, 2014, and 2015.)
- Additionally, if a wholesaler in a region, along with every one of its urban water supplier customers in that region all agree, in a legally binding document, those suppliers and wholesaler may submit an aggregate stress test and conservation standard. While the conservation standard would be in lieu of an individual conservation standard, the submittal shall include all the supporting documentation required of each retail supplier covered by the aggregated conservation standard for individualized self-certified conservation standards, and responsibility for compliance remains ultimately on the individual water suppliers.

Certification of Self-Certified Conservation Standard

Suppliers that do not submit a water reliability certification and supporting information retain their current conservation standard in almost all cases.

What to submit:

The online form, this certification form, and supporting data and analysis **must be submitted to the State Water Board by June 22, 2016**. Late submittals will not be reviewed. The online form is accessed at this link: <http://drinc.ca.gov/dnn/applications/publicwatersystems/waterreliabilitycertification.aspx>

Complete the online form, which includes a step to upload this signed certification form and supporting data and documents. The submittal includes:

1. **Worksheet:** *Worksheet 1 Total available water supply for individual water supplier or Worksheet 2 Calculation for Aggregated Self-Certification Conservation Standard*
2. **Supporting data and analysis:** Worksheet 1 will have a specific place for listing each type of supply that the supplier intends to use for each of the next three years. Suppliers will also be asked to provide an itemized list of these sources of supply, by type. For example, the form will have a place to record aggregate local surface water. This information must be itemized and show each individual local surface water source. Data can be provided in a separate document, if they do not fit on the online form and worksheet. Supporting documents that explain data and calculations, including assumptions, must be uploaded to the online form and should not exceed 10 pages.
3. **Certification Form:** the next page of this document must be signed and submitted **as part of the** online form submittal. **This form needs to be completed prior to completing and submitting the online form.**

Effective Date:

The State Water Board will review the data and supporting documentation reported by the supplier. The self-certified conservation standard becomes effective on June 1, 2016. (June potable water production reports are due by July 15, 2016 and this allows an effective date to occur prior to the submittal date.)

Schmidt, Julie

From: SWRCB Office Research, Planning & Performance <drinc@waterboards.ca.gov>
Sent: Wednesday, June 22, 2016 3:44 PM
To: Rebensdorf, David; Schmidt, Julie; Schmidt, Julie; kathy.frevert@waterboards.ca.gov
Subject: Water Supply Reliability Self-certification Acknowledgement -

Hello David Rebensdorf:

This is an acknowledgement of your Water Supply Reliability Self-certification submission. Should any of this information be incorrect, please re-submit your application **in its entirety** including all worksheets, legal document, certification form, and supporting documents.

Urban Water Supplier	San Clemente City of (633)
Management Contact Name	David Rebensdorf
Title	Deputy Public Works Director
Email	Rebensdorfd@san-clemente.org
Telephone	(949) 361-6130
Technical Contact Name	Julie Schmidt
Title	Mangement Analyst II
Email	schmidtj1@san-clemente.org
Telephone	(949) 361-6198
2013 Production (in units selected)	10041
2014 Production (in units selected)	10024
Calculated Annual Potable Water Demand in Acre-feet (AF)	10032.500 AF
Demand Notes and Comments	
WY 2017 Total Available Water Supply	10032 AF
WY 2018 Total Available Water Supply	10032 AF
WY 2019 Total Available Water Supply	10032 AF

Supply Notes and Comments	The City of San Clemente expanded its recycled water system in 2015. Future projections of recycled water supply and reductions in potable water demand due to customer sites converting to recycled water are projected at 200 AFY for FY 2017, 300 AFY for FY 2018, and 400 AFY for FY 2019.
Individual or Aggregate	Individual
Conservation Standard *	0 %
Higher Conservation Standard	Yes
Step 3.1 Notes and Comments	Due to the ongoing drought and the uncertainty of future allocations, the City of San Clemente continues to promote water conservation. The City is in a Level 2 Water Alert which actively promotes 10-20% suggested conservation.
Step 3.2 Entity submitting Aggregated Self-certification form, if applicable	
Contact	
Title	
Email	schmidtj1@san-clemente.org
Telephone	
Aggregate Demand	
Aggregate Supply	
Aggregate Conservation Standard *	
Step 3.2 Notes and Comments	
Uploaded Worksheet #1	http://www.drinc.ca.gov/DNN/Portals/0/SelfCert/a5b12830-b1f5-40ff-93c9-337cb7dfaf08.xlsx
Uploaded Worksheet #2	
Uploaded Legal Document	
Uploaded Certification	http://www.drinc.ca.gov/DNN/Portals/0/SelfCert/2dd9d4e5-da48-475f-8b8f-f5acf1b87f21.pdf
Uploaded Supporting Analysis & Calculations	http://www.drinc.ca.gov/DNN/Portals/0/SelfCert/7c183083-cbc7-41f3-8354-dc208f3d6f7c.doc

* A negative number indicates a surplus and the Conservation Standard is zero.

State Water Resources Control Board
Office of Research, Planning & Performance



Description of Worksheet 1

Version Date: 6/8/2016

PURPOSE

This worksheet is intended to itemize sources of potable water supply to be entered in Step 2 of the Water Supply Reliability Certification Form for Urban Water Suppliers. Rows can be added to the Worksheet. Either in this worksheet or in the supporting document include an itemized list of all water sources that are included as sources of supply in your self-certification calculation.

The completed Worksheet 1 is upload with your Water Supply Reliability Form. **Information must be submitted by June 22, 2016.**

Upload the completed worksheet (Step 5 of the online Water Supply Reliability Certification and Data Submission Form):

<http://drinc.ca.gov/dnn/applications/publicwatersystems/waterreliabilitycertification.aspx>

HOW TO USE WORKSHEET 1

Identify each source of supply that your water system intends to rely on for potable water and the quantity of water available for the time period. The current conditions to use in calculations are as of October 1, 2016.

- The precipitation in WY 2017 mirrors that of WY 2013, precipitation in WY 2018 mirrors that of WY 2014, precipitation in WY 2019 mirrors that of WY 2015. (Section 864.5(b)(1)). Only precipitation data from the California Data Exchange Center (e.g., <http://cdec.water.ca.gov/cgi-progs/prevprecip/PRECIPOUT>), or California Irrigation Management Information System (CIMIS) <http://wwwcimis.water.ca.gov/Default.aspx>), or an equivalent source may be used. **Do not average precipitation.**
- Potable water supply only includes water sources of supply available to the supplier that could realistically be used for potable drinking water purposes.
- If a water source is not of sufficient quality to be realistically treated and use as potable water by the water retailer, it shall not be included as a water supply.
- Consider requirements and assumptions that are used that impact supply reliability, for example, in the case of groundwater, if your water agency has its own requirement not to lower the water level of an aquifer below a certain amount, provide an explanation in the "Notes and comments".
- Groundwater: use the quantity of groundwater that is accessible, **without** addition of new wells or completion of treatment projects that would fall outside the three-year projection period (2016-17 through 2018-19).
- If new diversions or treatment equipment or facilities will come on-line between now until the end of 2019, sufficient evidence must be provided to indicate is it going to be implemented (e.g., funds have been allocated, contract with a builder has been approved).
- If a water supply is dedicated for another purpose (e.g., agriculture) and is therefore committed for another use, it is not available and shall be **subtracted** for the subtotal of water supplies.
- Identify all sources of data used (e.g., "our water product information from Supervisor Control and Data Acquisition (SCADA)" and included a link to the source).
- Provide supporting documentation the covers each water source. For example, when the amount of water obtained from a river is summed in one number and there are multiple source points, then the supporting documentation shall describe each collection point and the amount of water from each source that are summed together and equal the amount provided on the worksheet.

Follow any instructions on each tab. Some prompts are generated in *red font* and may require further user input.

LAYOUT OF WORKSHEET 1

This worksheet contains two tabs to be completed. The tabs are summarized below:

Worksheet No.	Description	User Actions
1. Worksheet 1	Enter Water Supply Information	Enter potable water supply information
2. Groundwater	Answer groundwater questions	Answer questions <u>only if</u> relying on local groundwater sources

The following cell color-coding format is used to direct the user as to how a cell functions and where the user can or should enter data.

CELL LEGEND:

Cell Type	Cell Color
User Input	Users provide inputs to yellow colored cells or may have a drop-down menu to select an option
Autogenerated Value	NO ACTION: Green-colored cells are contain values based on formulas

>>> CLICK ON TAB "1. Worksheet 1" TO BEGIN

Worksheet 1 : Total available water supply for individual water supplier

Step 2 of Water Supply Reliability Certification and Data Submission Form

<< Enter name of urban water supplier

User Input Instructions

- (1) Please select units of measure from the dropdown menu.
- (2) Enter information on available water supplies and supplies committed to other uses.

LEGEND:

User Input or Selection	
Linked from User Input	

<< Select units of measure

Available Water Supplies

Sources of Supply	Name of Provider(s) or Description	Source used in prior years?	Water Available in			Wholesaler information	Wholesaler Water System Number**
			WY 2017 *	WY 2018 *	WY 2019	Direct Web Link	
WHOLESALER SUPPLIED >> Provide direct web link(s) to information on the volume of water the wholesaler expects to deliver to the retailer water supplier in each year.							
Wholesaler 1	Imported Surface Water: MWDOC/MET	Yes	9,532.0	9,532.0	9,532.0	http://www.mwdoc.com/stat	CA1910087
Wholesaler 2		Select Y/N					
Wholesaler 3		Select Y/N					
Wholesaler 4		Select Y/N					
Wholesaler 5		Select Y/N					
SELF-SUPPLIED							
Water Recycling (potable)		Select Y/N					
Surface water: SWP		Select Y/N					
Surface water: CVP		Select Y/N					
Surface water: Colorado River		Select Y/N					
Surface water: other (describe)		Select Y/N					
Surface water: other (describe)		Select Y/N					
Local Groundwater	City of San Clemente	Yes	500.0	500.0	500.0		
Seawater Desalination		Select Y/N					
Transfers		Select Y/N					
Exchanges		Select Y/N					
Other (describe):		Select Y/N					
SUBTOTAL of available supplies (in units selected)			10,032.0	10,032.0	10,032.0		

<< Complete groundwater tab

<< To add more self-supplied sources, insert as many rows

Water Supply Reliability Certification Form

* Any carryover from one year is incorporated in the supply of the following year, as legally allowed.

** Look up Water system number at this link: <https://sdwis.waterboards.ca.gov/PDWW/>

Rows can be inserted to account for other sources of supply (e.g., desalination of brackish water, banked water)

If a source has not been used in prior years, e.g., a new treatment facility will be constructed, supporting documentation must document when the new source will be fully implemented.

Water Supplies Committed to Other Uses (Not Available)

Other Uses	Describe	Quantity in WY 2017	Quantity in WY 2018	Quantity in WY 2019
Agriculture				
Commercial, industrial or institutional				
New residential customers				
Transfers				
Other:				
Other:				
SUBTOTAL of supplies not available (in units selected)		-	-	-

TOTAL available water supply (in units selected)	10,032.0	10,032.0	10,032.0
---	----------	----------	----------

(Subtotal of available supplies minus subtotal of supplies committed to other uses)

>>> Please enter values calculated below in Step 2 of the online form

TOTAL available water supply converted to acre feet	10,032	10,032	10,032
--	--------	--------	--------

>> If error, verify you have selected units of measure

If using local groundwater sources, answer questions below

Complete only if relying on local groundwater for a portion of supply (not brackish groundwater desalination or banking)

Do you know the volume of water in the aquifer that is in your source(s) of groundwater?

Pick one:

Optional notes and comments:

Based on a 1973 Development and Treatment of Ground Water Resources report by James M. Montgomery Consulting Engineers Inc., there is a safe yield of 1,026 acre feet. Based on recent readings of TDS and Chloride, well production has been lowered to approximately 400-600 acre feet per year, and is being monitored for water quality.

How frequently are groundwater elevations monitored?

Pick one:

Optional notes and comments:

Daily at Well 8.
We currently do not have the capability to monitor the groundwater level at Well 6.

At what depth is/was your water table? (in feet) Do not average values for multiple basins, management zones, or wells.

If there are multiple wells, enter the depth for the source where the largest portion of supply comes from; itemize information in the notes or supporting documentation.

In June 2016 feet

In June 2013 feet

Optional notes and comments:

For the June 2016 entry - Well was placed back online in 2015.
We did not collect a static water level in 2013, Well 8 was offline. In January 2012, the static water level was 244.

How many feet can you withdraw without substantially affecting your ability to pump water? (in feet)

If there are multiple wells, enter the depth for the source where the largest portion of supply comes from as a representative well; provide additional information in the notes or supporting documentation.

feet

Optional notes and comments:

Static water level 248 feet. Max drawdown 375 feet before pumps shut off.

Do you have groundwater that you expect to sell or distribute to another water supplier that is not accounted for in your calculations?

Pick one:

Describe:

>>> Thank you.



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

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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

June 21, 2016

Mr. James Makshanoff
City Manager
City of San Clemente
100 Avenida Presidio
San Clemente, CA 92672

Dear Mr. Makshanoff,

To assist you with the completion of your Water Supply Reliability Certification and Data Submission Form, per the State Water Resources Control Board's revised drought regulations, the Municipal Water District of Orange County (MWDOC) is providing you with the following information following information that contains **revisions from the previous June 15th letter:**

- To determine MWDOC's wholesale imported need, the imported supply request for your agency has been listed as 9,532 acre-feet for year 2017, 2018, and 2019 respectively. Please make sure that these numbers are consistent with entry on "Worksheet 1" and labeled as "Surface Water: MWDOC/MET" in the self-certification form; and
- MWDOC has projected to fully meet the service area's imported supply requests, for the three-year period, given the State Board's parameters and in concert with the Metropolitan Water District of Southern California.

Additionally, this information, along with any backup documentation, is available on MWDOC's website (<http://www.mwdoc.com/state-regs>).

If you have any questions, please contact Harvey De La Torre at hdelatorre@mwdoc.com.

Sincerely,

Robert J. Hunter
General Manager
Municipal Water District of Orange County

WHOLESALE SUPPLY INFORMATION – MWDOC

State Water Resource Control Board Emergency Regulations

On May 9, 2016, Governor Brown issued Executive Order B-37-16 “Making Water Conservation a Way of Life” that extends the Emergency Regulation to January 31, 2017. In response to this Executive Order, on May 18 the State Water Resources Control Board (State Board) adopted a localized self-certification approach that replaces the prior state imposed mandatory conservation standard, which ranged from 8% to 36% for each retail agency. This new approach mandates each retail agency to conduct a “stress test,” certifying whether they have sufficient available potable supplies for a three-year period under high demand and low precipitation conditions to meet the needs of their customers. As part of this self-certification process, the State Board emergency regulations requires urban water wholesale agencies (i.e. Metropolitan Water District of Southern California and MWDOC) to publicly disclose the amount of regional water supplies they expect to deliver to retail water suppliers for each year over the three-year period. This posting provides the required wholesale information from MWDOC for our 28 member agencies.

Wholesale Requirements

MWDOC is a third-largest member agency of the Metropolitan Water District of Southern California (Metropolitan) and the largest purchaser of treated drinking water. MWDOC provides and manages imported water supplies used in Orange County, with the exception of the cities of Anaheim, Fullerton, and Santa Ana. As the wholesale agency for 28 cities and water agencies within Orange County, MWDOC is required by the State Board to assist our retail agencies meet the State Board’s self-certification process by providing data and information on the imported water supplies that we project to deliver to them.

To determine MWDOC’s expected imported supply need over the next three years, MWDOC coordinated with each retail agency in assessing their local and imported supply needs for the stress test period. These estimates were prepared in coordination with both our retail member agencies (e.g. urban water suppliers) and Metropolitan. Additional wholesale information required by many of our member agencies for the groundwater supply is being provided by Orange County Water District (OCWD).

“While water supplies have improved over the last year and we can meet our service area’s imported demands over the next three years, we do not know what the next winter will bring. We need to be cautious in our water use and continue to be efficient.”

*Robert Hunter
General Manager, MWDOC*

Below is a summary of the total imported supplies requested by MWDOC’s 28 member agencies over the next three years as part of this process:

Revised^[1]

MWDOC’s Imported Supply Request	2017 (2013 hydrology)	2018 (2014 hydrology)	2019 (2016 hydrology)
Total Retail Agency	177,130 AF	177,130 AF	177,130 AF
Groundwater Recharge	49,750 AF	49,750 AF	49,750 AF
MWDOC Imported Supplies – TOTAL	226,880 AF	226,880 AF	226,880 AF

^[1] MWDOC’s Imported Water Supply Request was revised on June 21, 2016 due to changes in retail agency supply requests.

The “groundwater recharge” represents Orange County Water District’s request for imported water supplies to recharge/replenish its groundwater basin to manage its expected groundwater production over the next three years.

The stress test emergency regulation requires that the wholesaler information identify each source of water and the amount of water expected to be delivered to each of the urban potable water retailers for the water years 2017, 2018 and 2019. The required assumptions include using:

- The same hydrologic conditions of Water Year (WY) 2013 occur in WY 2017
- The same hydrologic conditions of WY 2014 occur in WY 2018
- The same hydrologic conditions of WY 2015 occur in WY 2019

Source of Imported Supplies

MWDOC purchases imported supplies and groundwater recharge for our retail agencies exclusively from Metropolitan. Metropolitan utilizes its supplies to meet its 26 member agencies' imported water needs from three key sources: State Water Project, Colorado River Aqueduct, and storage. Below is a brief description of these sources and [assumptions](#) used to demonstrate their availability of supplies.

State Water Project Supplies

Metropolitan assumes receiving the same State Water Project (SWP) “Table A” supplies as the hydrologic conditions of water years 2013, 2014, and 2015 for the next three years. Providing a SWP Allocation of 35% for 2017, 5% for 2018, and 20% for 2019.



Colorado River Aqueduct Supplies

Metropolitan assumes receiving a Colorado River Aqueduct Base Supply similar to the hydrologic conditions of water years 2013, 2014, and 2015 over the next three years. This provides Metropolitan with its Colorado River basic apportionment, Imperial Irrigation District’s Conservation Program, Palo Verde Irrigation District’s land management program and San Luis Rey’s Canal Lining supply project, as well as its transfer obligation to Coachella Valley Water District.



Metropolitan Storage Supplies

Due to the limited supplies under the Water Years of 2013, 2014, and 2015. Metropolitan utilized its water storage supplies to meet projected imported demands over the three-year period. Metropolitan will start 2017 with over 2.12 million acre feet (AF) in total storage and expect to end with roughly 657,000 AF at the end of 2019. Metropolitan has a diverse water storage portfolio ranging from groundwater storage in the Central Valley of California to surface storage along the Colorado River in Lake Mead (Intentionally Created Surplus – ICS). For further details on Metropolitan's sources of supplies and its supply-estimation methodology, [click here](#).



MWDOC Imported Supply Projections

MWDOC projections for Member Agency imported water supply for the three projected years:

Revised^[1]

MWDOC Member Agency Imported Water Supplies	2017 (2013 hydrology)	2018 (2014 hydrology)	2019 (2015 hydrology)
City of Brea	3,382 AF	3,382 AF	3,382 AF
City of Buena Park	4,488 AF	4,488 AF	4,488 AF
East Orange County Water District ^[2] - Retail Zone	310 AF	310 AF	310 AF
East Orange County Water District ^[2] - Wholesale Zone	3,819 AF	3,819 AF	3,819 AF
El Toro Water District	9,495 AF	9,495 AF	9,495 AF
City of Fountain Valley	3,028 AF	3,028 AF	3,028 AF
City of Garden Grove	7,772 AF	7,772 AF	7,772 AF
Golden State Water Company	6,217 AF	6,217 AF	6,217 AF
City of Huntington Beach	9,092 AF	9,092 AF	9,092 AF
Irvine Ranch Water District	15,529 AF	15,529 AF	15,529 AF
Laguna Beach County Water District	1,813 AF	1,813 AF	1,813 AF
City of La Habra	500 AF	500 AF	500 AF
City of La Palma	642 AF	642 AF	642 AF
Mesa Water District	0 AF	0 AF	0 AF
Moulton Niguel Water District	28,771 AF	28,771 AF	28,771 AF
City of Newport Beach	4,968 AF	4,968 AF	4,968 AF
City of Orange	9,379 AF	9,379 AF	9,379 AF
Orange County Water District	49,750 AF	49,750 AF	49,750 AF
City of San Clemente	9,532 AF	9,532 AF	9,532 AF
City of San Juan Capistrano	6,910 AF	6,910 AF	6,910 AF
Santa Margarita Water District	28,726 AF	28,726 AF	28,726 AF
City of Seal Beach	1,138 AF	1,138 AF	1,138 AF
Serrano Water District	489 AF	489 AF	489 AF
South Coast Water District	6,659 AF	6,659 AF	6,659 AF
Trabuco Canyon Water District	3,081 AF	3,081 AF	3,081 AF
City of Westminster	3,720 AF	3,720 AF	3,720 AF
Yorba Linda Water District	7,672 AF	7,672 AF	7,672 AF
MWDOC Total	226,880 AF	226,880 AF	226,880 AF

^[1] MWDOC Member Agency Imported Water Supply projections were revised on June 21, 2016 due to changes in retail agency supply requests.

^[2] East Orange County Water District is both a retailer and wholesaler. They wholesale imported water to portions of the City of Orange, portions of Golden State Water Company – Cowan Heights, portions of Irvine Ranch Water District – Orange Park Acres, and the entire service area of the City of Tustin's Water Department.

Although MWDOC can meet the imported needs of its member agencies, the need to conserve remains. Southern California is still in a drought. Local precipitation has reach its fifth consecutive year below average; and local groundwater as well as local surface water reservoirs are still at historic lows.

Based on these conditions, the [MWDOC Board on June 15, 2016 adopted a resolution declaring a “Condition 2 – Water Supply Alert”](#), as part of MWDOC’s Water Shortage Contingency Plan, which calls for the continued implementation of extraordinary conservation measures during the emergency regulations and encourages retail water agencies to amend their water drought ordinances to incorporate the Governor’s new permanent conservation measures.

Furthermore, to continue the significant water savings achieved by Orange County over the past 12 months, and to be cautious for the upcoming water year, the MWDOC Board also called for a **countywide water saving goal of approximately 10% from the average annual demands of calendar years 2013 and 2014.**



RESOLUTION NO. 2034

OF THE BOARD OF DIRECTORS OF THE MUNICIPAL WATER DISTRICT OF ORANGE COUNTY DECLARING A "CONDITION 2 – WATER SUPPLY ALERT"

Whereas, Orange County depends on imported water from Northern California and the Colorado River to meet approximately half of its supply demand; with the balance of the county's demand being met by local groundwater via a large basin under north and central Orange County, smaller basins in south Orange County, and through local water recycling; and

Whereas, precipitation for the first eight months of water year 2015-2016 has been 49% of normal in Orange County, 120% of normal for Northern California and 102% of normal for the Upper Basin of the Colorado River; and

Whereas, Orange County is in its fifth year of below average precipitation and remains in exceptional or extreme drought conditions; and

Whereas, on April 21, 2016, the California Department of Water Resources (DWR) officially reported the State Water Project's (SWP) "Table A" Allocation will be 60% of contract amounts for 2016 in comparison to 35%, 5% and 20% for 2013, 2014 and 2015 respectively; and

Whereas, the Colorado River's two main reservoirs, Lake Powell and Lake Mead continue to decline, negatively impacting Colorado River's Basin storage levels; and

Whereas, the Metropolitan Water District of Southern California (MET) has indicated that its water storage reserves, committed to meeting regional drought demands, remains relatively low at nearly 1.2 million acre-feet but is likely to increase by 300,000 to 600,000 acre-feet this year; and

Whereas, MET rescinded the "Condition 3 – Water Supply Allocation" and returned to "Condition 2 – Water Supply Alert" on May 10, 2016; and

Whereas, the MET Regional Shortage Level 3 allocation under the Water Supply Allocation Plan (WSAP) which was effective from July 1, 2015 was terminated with a continued call for heightened water awareness and conservation within its service area; and

Whereas, MET's water conservation outreach program is funded at \$2.2 million; and

Whereas, effective May 9, 2016, Governor Edmund G. Brown, Jr. issued an Executive Order B-37-16 "Making Water Conservation a Way of Life" that extends the Emergency Drought Regulations to January 31, 2017; and

Whereas, in response to this Executive Order, on May 18, 2016 the State Water Resources Control Board (State Board) adopted a local self-certification approach

("Stress Test") that replaces the prior State imposed mandatory conservation standard. The stress test requires each retail agency to demonstrate whether or not they require a state mandated water use reduction requirement under specific, extreme conditions of high demand and low precipitation for a three year period; and

Whereas, under the previous State Board mandatory system the Orange County retail agencies were assigned use reduction requirements ranging from 8% to 36%; and

Whereas, the State Board is requiring all urban water wholesalers including the Municipal Water District of Orange County (MWDOC) and MET to make projections as to how much water they expect to deliver to their retail water agency under the three dry year, extreme condition scenario; and

Whereas, the residents, cities and water agencies serving Orange County's population of 3.1 million have achieved an extraordinary accomplishment by saving over 36 billion gallons of water (112,500 acre-feet) over the past 11 months and exceeding the countywide reduction requirement of 22%; and

Whereas, Orange County customers and water agencies have achieved this remarkable water savings through a wide variety of actions and programs including public outreach, information and education, specific restrictions on watering use, extensive rebate programs, direct interaction with customers, utility system water loss control, enforcement, and rate structures; and

Whereas, the MWDOC and its member agencies continue to promote public messaging to create a heightened awareness of the state's water supply conditions and promote water use efficiency; and

Whereas, the MWDOC 2016-2017 approved budget for Water Use Efficiency is greater than \$1.1 million with additional outside funding for efficiency programs in excess of \$4.2 million; and

Whereas, the MWDOC 2016-2017 budget for Public Affairs is approximately \$850,000 with an emphasis on water supply and water use efficiency components; and

Whereas, water supply conditions have improved over last year but precipitation amounts for next winter are uncertain and a cautious approach is warranted with conservative and prudent water resource management; and

Whereas, increasing and applying efficient water use habits today is the responsible thing to do and will help ensure Orange County has enough water to maintain our quality of life and thriving economy; and

Now, therefore, be it resolved that the Municipal Water District of Orange County Board of Directors continues to support the efficient use of water and declares a "Condition 2 – Water Supply Alert" within the District's service area, which encourages

every Orange County water agency to continue implementing extraordinary water efficiency; and encourages retail water agencies to amend their water drought ordinances to incorporate the Governor's new permanent conservation measures; and

Be it further resolved, that the Municipal Water District of Orange County calls for continued efficiency measures that will achieve a countywide water saving goal of approximately 10% from the average annual demands of calendar years 2013 and 2014.

Said Resolution was adopted on June 15, 2016, by the following roll call vote:

AYES:	Directors Finnegan, Hinman, Tamaribuchi & Thomas
NOES:	None
ABSENT:	Directors Barbre, Dick & Osborne
ABSTAIN:	None

I HEREBY CERTIFY the foregoing is a full, true and correct copy of Resolution No. 2034 adopted by the Board of Directors of Municipal Water District of Orange County at its meeting held on June 15, 2016.



Maribeth Goldsby, Secretary
Municipal Water District of Orange County