Sarah Ho

From: SWRCB Office Research, Planning & Performance <drinc@waterboards.ca.gov>
Sent: Tuesday, June 21, 2016 9:04 AM
To: Chris Cash; Sarah Ho; Chris Cash; kathy.frevert@waterboards.ca.gov
Subject: Water Supply Reliability Self-certification Acknowledgement -

Hello Christopher Cash:

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	Paramount City of (743)
Management Contact Name	Christopher Cash
Title	Director of Public Works
Email	ccash@paramountcity.com
Telephone	(562) 220-2100
Technical Contact Name	Sarah Ho
Title	Assistant Director of Public Works
Email	sho@paramountcity.com
Telephone	(562) 220-2157
2013 Production (in units selected)	6528.13
2014 Production (in units selected)	6621.68
Calculated Annual Potable Water Demand in Acre-feet (AF)	6574.905 AF
Demand Notes and Comments	
WY 2017 Total Available Water Supply	6580.2 AF
WY 2018 Total Available Water Supply	6580.2 AF
WY 2019 Total Available Water Supply	6580.2 AF
Supply Notes and Comments	
Individual or Aggregate	Individual
Conservation Standard *	-0 %
Higher Conservation Standard	
Step 3.1 Notes and Comments	
Step 3.2 Entity submitting Aggregated Self-certification form, if applicable	
Contact	

Title	
Email	ccash@paramountcity.com
Telephone	
Aggregate Demand	
Aggregate Supply	
Aggregate Conservation Standard *	
Step 3.2 Notes and Comments	
Uploaded Worksheet #1	https://drinc.ca.gov/DNN/Portals/0/SelfCert/bc6659bc-7fb1-482d-ba3d-ed88a0c1eaa8.xlsx
Uploaded Worksheet #2	
Uploaded Legal Document	
Uploaded Certification	https://drinc.ca.gov/DNN/Portals/0/SelfCert/19baf7b7-a60d-47bd-9452-c9a613bb0f5e.pdf
Uploaded Supporting Analysis & Calculations	https://drinc.ca.gov/DNN/Portals/0/SelfCert/7100a70b-38c3-4a6d-894d-90a0ea0da2f9.docx

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

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

Worksheet 1 : Total available water supply for individual water supplier

Step 2 of Water Supply Reliability Certification and Data Submission Form

Paramount City of << *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	

acre feet (AF) << *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	Central Basin MWD	Yes	697.2	697.2	697.2		CA1995000
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	Central Basin Groundwater Basin	Yes	5,883.0	5,883.0	5,883.0	<< *Complete groundwater tab*	
Seawater Desalination		Select Y/N					
Transfers		Select Y/N					
Exchanges		Select Y/N					
Other (describe):		Select Y/N				<< *To add more self-suplied sources, insert as many rows*	
	SUBTOTAL of available supplies (in units selected)		6,580.2	6,580.2	6,580.2		

** 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)	6,580.2	6,580.2	6,580.2

(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	**6,580**	**6,580**	**6,580**

>> 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: Yes

Optional notes and comments:

Paramount pumps from the Central Groundwater Basin. The basin is governed by an adjudication which established an adjudicated amount of 217,367 AFY. The City of Paramount owns Water Rights which allows us to pump 5,883 AFY

How frequently are groundwater elevations monitored?

Pick one: monthly

Optional notes and comments:

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 sup

In June 2016 90 feet

In June 2013 108 feet

Optional notes and comments:

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 additic

189 feet *Optional notes and comments:*

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: No *Describe:*

>>> Thank you.

WATER REPLENISHMENT DISTRICT
OF SOUTHERN CALIFORNIA

MEMORANDUM

DATE: JUNE 17, 2016

TO: WRD GROUNDWATER SUPPLIERS

FROM ROBB WHITAKER, GENERAL MANAGER

SUBJECT: AVAILABILITY OF GROUNDWATER SUPPLIES FOR 2017 THROUGH 2019

The Water Replenishment District of Southern California (WRD or District), as groundwater manager for the Central and West Coast Basins, confirms the availability of groundwater for water suppliers within our service area for the three year period of 2017 through 2019 (and beyond) specified in the State Water Resources Control Board's Emergency Regulation (Emergency Regulation) approved in May 2016. As a result of the District's extensive use of locally available recycled water and stormwater, supplemented by available imported water, groundwater levels are currently sufficient to meet anticipated pumping for the foreseeable future. A list of water suppliers within the WRD service area is attached to this memo.

WRD provides artificial replenishment of the adjudicated Central and West Coast Basin to ensure their adjudicated pumping limits, 217,367 and 64,468.25 acre-feet per year respectively, can be exercised. Approximately 80% of the water that WRD purchases and/or develops for this artificial replenishment is locally available recycled water. The remaining 20% is imported water purchased from MWD and its member agencies. In addition, locally available stormwater is also captured for replenishment when available.

In 2004, WRD implemented a program to completely eliminate its demand for water imported from the Bay Delta and the Colorado River to replenish and maintain groundwater supplies in the Central and West Coast Basins. This program, known as the Water Independence Now Program, or WIN, is a suite of projects to develop locally available water as a source for groundwater replenishment. Much progress has already been made, and WRD is now only two years away from being completely independent from imported water sources. This means that the Central and West Coast Basins will be completely locally sustainable within that timeframe. As an example, WRD's extensive use of recycled water has prevented, and will continue to prevent, basin water levels from reaching historic low levels during the current prolonged drought.

GROUNDWATER SUPPLIERS WITHIN THE WRD SERVICE AREA

Bellflower-Somerset Mutual Water Company
Bellflower City of
Bellflower Home Gardens Water Company
California Water Service Company Dominguez
California Water Service Company East Lost Angeles
California Water Service Company Hermosa/Redondo
California-American Water Company Los Angeles District
Cerritos City of
Commerce City of
Compton City of
Downey City of
El Segundo City of
Golden State Water Company Artesia
Golden State Water Company Bell-Bell Gardens
Golden State Water Company Florence Graham
Golden State Water Company Hollydale
Golden State Water Company Norwalk
Golden State Water Company Southwest
Golden State Water Company Willowbrook
Hawthorne City of
Huntington Park City of
Inglewood City of
La Habra Heights County Water District
Lakewood City of
Liberty Park Water – Bell Gardens
Liberty Park Water – Bellflower-Norwalk
Liberty Park Water – Compton
Liberty Park Water – Lynwood
Lomita City of
Long Beach City of
Los Angeles Department of Water and Power
Lynwood City of
Lynwood Park Mutual Water Company
Manhattan Beach City of
Maywood Mutual Water Company #1
Maywood Mutual Water Company #2
Maywood Mutual Water Company #3
Montebello City of
Montebello Land and Water Company
Norwalk City of
Orchard Dale Water District
Paramount City of
Pico Rivera City of
Pico Water District
San Gabriel Valley Water Company
Santa Fe Springs City of
Signal Hill City of
South Gate City of
South Montebello Irrigation District
Suburban Water Systems Whittier/La Mirada
Torrance City of
Tract 180 Mutual Water Company
Tract 349 Mutual Water Company
Vernon City of
Walnut Park Mutual Water Company
Whittier City of

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.

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.)

Certification of Self-Certified Conservation Standard Form

I hereby certify that: **Paramount 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

Paramount 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	Christopher S. Cash
Title *(General Manager or equivalent)*	Director of Public Works
Signature	/s/ Christopher S. Cash
Date	6/20/16
Email Address	ccash@paramountcity.com
Phone Number	562-220-2100

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