

<b>REQUEST FOR COUNCIL ACTION</b> CITY OF SAN DIEGO	CERTIFICATE NUMBER (FOR COMPTROLLER'S USE ONLY)
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TO: CITY COUNCIL	FROM (ORIGINATING DEPARTMENT): Public Utilities	DATE: 9/29/2015
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SUBJECT: Water Conservation and Drought Update

PRIMARY CONTACT (NAME, PHONE): Luis Generoso , (619) 533-5258 MS 906	SECONDARY CONTACT (NAME, PHONE): Lan Wiborg , (619) 533-4112 MS 906
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**COMPLETE FOR ACCOUNTING PURPOSES**

FUND					
FUNCTIONAL AREA					
COST CENTER					
GENERAL LEDGER ACCT					
WBS OR INTERNAL ORDER					
CAPITAL PROJECT No.					
AMOUNT	0.00	0.00	0.00	0.00	0.00

FUND					
FUNCTIONAL AREA					
COST CENTER					
GENERAL LEDGER ACCT					
WBS OR INTERNAL ORDER					
CAPITAL PROJECT No.					
AMOUNT	0.00	0.00	0.00	0.00	0.00

**COST SUMMARY (IF APPLICABLE):**

**ROUTING AND APPROVALS**

CONTRIBUTORS/REVIEWERS:	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED
Liaison Office	ORIG DEPT.	Jones-Santos, Lee Ann	09/29/2015
	CFO		
	DEPUTY CHIEF	Gomez, Paz	09/29/2015
	COO		
	CITY ATTORNEY		
	COUNCIL PRESIDENTS OFFICE		

PREPARATION OF:     RESOLUTIONS     ORDINANCE(S)     AGREEMENT(S)     DEED(S)

This is an informational item only. No action required by the Committee or Council.

**STAFF RECOMMENDATIONS:**

This is an informational item only. No action required by the Committee or Council.

**SPECIAL CONDITIONS (REFER TO A.R. 3.20 FOR INFORMATION ON COMPLETING THIS SECTION)**

COUNCIL DISTRICT(S):	Citywide
COMMUNITY AREA(S):	Citywide
ENVIRONMENTAL IMPACT:	N/A

CITY CLERK INSTRUCTIONS:	
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**COUNCIL ACTION**  
**EXECUTIVE SUMMARY SHEET**  
CITY OF SAN DIEGO

DATE: 9/29/2015

ORIGINATING DEPARTMENT: Public Utilities

SUBJECT: Water Conservation and Drought Update

COUNCIL DISTRICT(S): Citywide

CONTACT/PHONE NUMBER: Luis Generoso / (619) 533-5258 MS 906

**DESCRIPTIVE SUMMARY OF ITEM:**

Governor Brown issued Executive Order B-29-15 on April 1, 2015, mandating substantial water reductions across the State of California, in order to achieve a 25% reduction in water use statewide. The City of San Diego was given a reduction goal of 16% compared to water usage in 2013. This report provides an update on current drought conditions, local drought response and conservation efforts made by San Diegans.

**STAFF RECOMMENDATION:**

This is an informational item only. No action required by the Committee or Council.

**EXECUTIVE SUMMARY OF ITEM BACKGROUND:**

On April 1, 2015 Governor Brown issued Executive Order B-29-15 mandating substantial water reductions across the State of California. For the first time in state history, the Governor has directed the State Water Resources Control Board (State Board) to implement mandatory water reductions in cities and towns across California to reduce potable urban water usage by 25 percent statewide. These restrictions will require water suppliers to California's cities and towns to reduce usage as compared to the amount used in 2013. This is an update to the information item presented to the Committee at the April 10, May 20, and August 5, 2015 meetings.

In response to the Governor's Executive Order, the State Board issued additional water use restrictions for immediate implementation, including a 16% reduction target for the City of San Diego, effective June 1, 2015. In the month of August, the City achieved a 21.2% reduction in overall water usage citywide. Mayor Kevin Faulconer announced the City's efforts to step up enforcement measures and issue notices of violations in lieu of informational letters, and requiring two days a week watering with a maximum of five minutes per station for standard spray sprinkler.

The City's efforts in promoting water conservation and enforcing water use restrictions has helped the City achieve a 21.2% reduction in water consumption compared to 2013, surpassing the 16% reduction target set by the State. In fact, since the target took effect in June, the City has reduced consumption between 21.2% (August) and 28.8 % (July) when compared to 2013 usage. As an agency, the City's Park and Recreation Department (P&RD) developed a plan to reduce water usage by distinguishing active fields from passive and ornamental turf, and reducing water use on passive and ornamental turf. This has resulted in a reduction in PR&D's water usage by 36.2% in July and 39.0% in August when compared to 2013.

With regards to enforcement, City staff continue to receive and follow up on a high volume of water waste complaints, with 955 complaints processed in July and 980 complaints in August,

bringing the total investigations to 6,122 since November 2014 when the City implemented Drought Response Level 2 restrictions. Twenty-nine citations were issued in August, an increase from 10 citations issued in July. Since November, 177 citations have been issued.

City staff has been directed to provide regular updates on conservation efforts and drought response.

**CITY STRATEGIC PLAN GOAL(S)/OBJECTIVE(S):**

Goal #3: Create and sustain a resilient and economically prosperous City.

Objective #2: Increase water independence.

**FISCAL CONSIDERATIONS:**

Not applicable at this time. Any future contracts or expenditures of funds related to Statewide mandatory water reduction action will require future Council approval.

**EQUAL OPPORTUNITY CONTRACTING INFORMATION (IF APPLICABLE):** N/A

**PREVIOUS COUNCIL and/or COMMITTEE ACTION (describe any changes made to the item from what was presented at committee):**

At the April 10 and May 20, 2015 Environment Committee Meetings, the Public Utilities Department provided updated on the Governor's Executive Order B-29-15 and local water conservation/drought response actions in San Diego.

**COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS:**

The City of San Diego's Water Conservation Program continues to conduct outreach and inform the public on ways to reduce water use.

**KEY STAKEHOLDERS AND PROJECTED IMPACTS:** N/A

Jones-Santos, Lee Ann  
Originating Department

Gomez, Paz  
Deputy Chief/Chief Operating Officer



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## Presentation to the Environment Committee

# Water Conservation Update

Halla Razak, Director  
City of San Diego Public Utilities

October 7, 2015



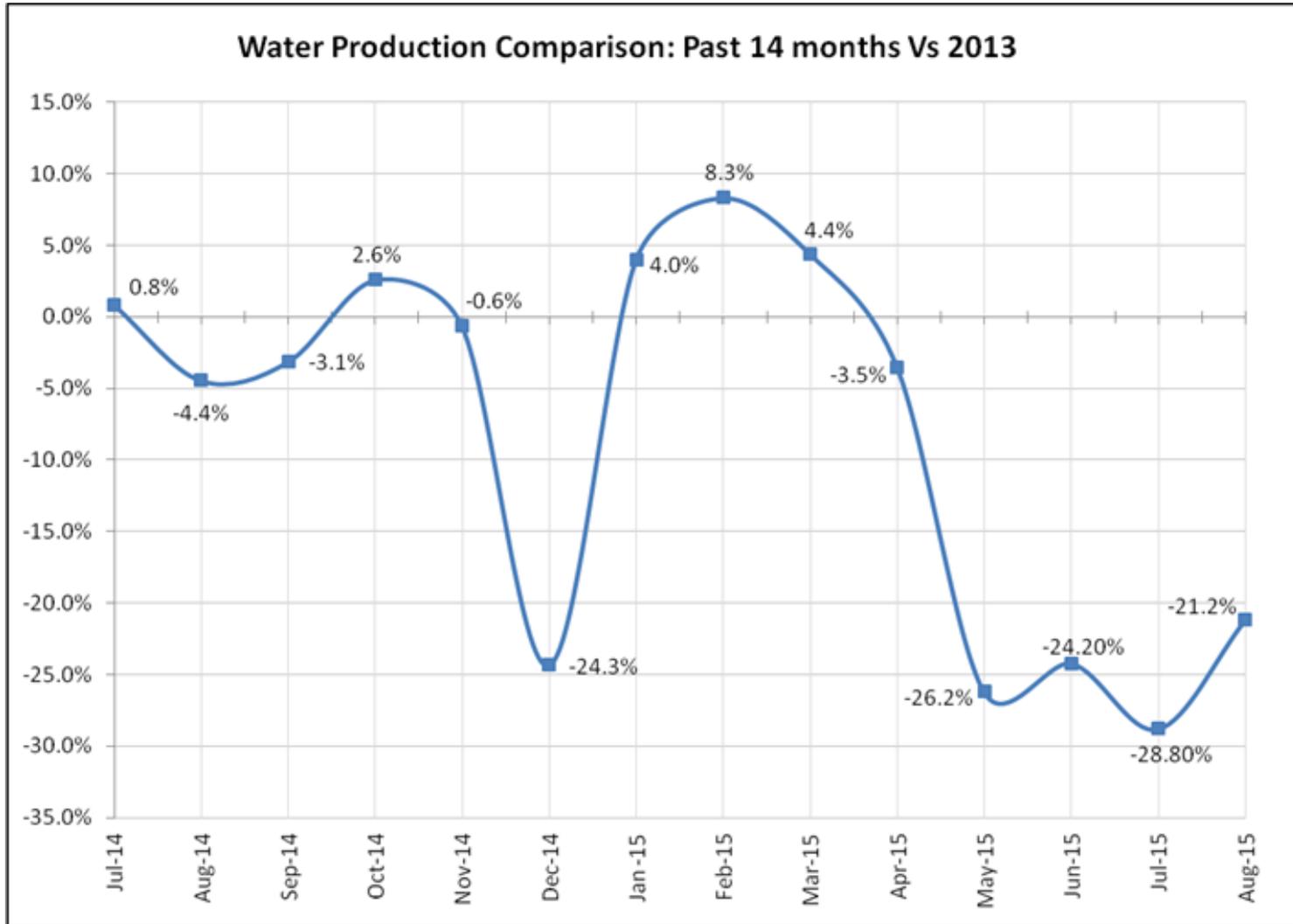
# Water Restrictions Timeline

- April 1, 2015
  - Governor Brown’s Executive Order calling for 25% mandatory conservation compared to 2013 usage.
- May 5, 2015
  - State Board adopts emergency regulations
  - San Diego’s Conservation Standard is set at 16%.
- June 1, 2015
  - Effective date for emergency regulations

# Impact of Drought

- Before and after photos of select reservoirs and mountains that have been impacted by the drought (Photos taken in Jul 2011 and Aug 2014)
- <http://www.buzzfeed.com/alexnaidus/california-drought-images?bffb#.ceK2RWY1r>

# Water Use from July 2014 to August 2015



Level 1 Restrictions  
 Begin July 1st

Level 2 Restrictions  
 Begin Nov. 1st



# City Government Water Usage

- Park and Recreation Department developed a plan to reduce water usage by distinguishing active fields from passive and ornamental turf, and reducing water use on passive and ornamental turf
- All City departments (combined) reduced water usage by 36.2% in July and 39.0% in August when compared to 2013

# Enforcement Actions

- Number of water waste reports received
  - Jul 2015: 955
  - Aug 2015: 980
  - PUD response rate: 100% (total of 6,122 field visits and warning letters since Nov 2014)
- Number of citations issued
  - Jul 2015: 10
  - Aug 2015: 29
  - Total of 177 since November 2014



## Presentation to the Committee on the Environment

# Questions