



GAIL FARBER, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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May 7, 2015

IN REPLY PLEASE

REFER TO FILE:

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TO: Each Supervisor

FROM: Gail Farber *Gail Farber*
Director of Public Works

BOARD MOTION OF APRIL 7, 2015, AGENDA ITEM 49-A REPORT ON STATUS OF WATER CONSERVATION EFFORTS

On April 1, 2015, Governor Jerry Brown issued an Executive Order directing the State Water Resources Control Board (SWRCB) to impose restrictions to achieve a Statewide 25 percent reduction in potable urban water usage through February 28, 2016. On April 7, 2015, the Board approved a motion directing the following actions:

- Instructing the Chief Executive Officer to review the status of the Board of Supervisor's July 22, 2014, directive and report on the specific actions taken by each County department in the effort to comply along with future actions that can be taken.
- Directing the Waterworks Districts to notify its customers of the impending 25 percent reduction to be imposed by the SWRCB and the need to further reduce water usage.
- Instructing the Chief Executive Officer, together with the Department of Public Works, to review the provisions contained in the Governor's Executive Order and report back in 30 days on the impacts to the Waterworks Districts and County Unincorporated areas, along with additional recommended actions to be taken by the County.

Specific Actions Taken by Each County Department

As directed by the Board, each County department has implemented measures to reduce the amount of water used at their facilities. The common actions taken by most departments include installing low-water-use plumbing fixtures, modifications to landscaping irrigation systems, and retrofitting cooling towers. Internal Services

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Department has prepared the attached summary report (Attachment A) of the specific actions already taken by each department and the additional actions that could be taken. Public Works acts in an advisory role to County departments in developing water conservation measures. The most effective best management practices that can be implemented at low cost include reducing the number of days per week that irrigation systems operate, ensuring landscaped turf areas are appropriately fertilized, and properly aerating turf areas. Long term more costly approaches include replacement of turf areas with drought-tolerant landscaping, replacement of high-water use toilets and urinals, and installation of gray and recycled water systems.

Notify Waterworks Districts' Customers of Impending Reductions

The Waterworks Districts' customers have been informed of the Governor's Executive Order and the subsequent draft Emergency Regulations for Urban Water Conservation proposed by the SWRCB through reverse 911 calls, the Waterworks Districts' webpage, Twitter, memos on water bills, and articles in the local media.

Following the SWRCB's release of the draft emergency regulations, the Waterworks Districts sent a prerecorded message by telephone about the drought and the draft emergency regulations to each customer. The message provided information about the Governor's Executive Order and impending reductions and also included suggestions on what they could do to reduce their water use. The homepage for the Waterworks Districts has been updated so that the primary feature is a link to a new webpage about the drought. This page summarizes the restrictions imposed by the SWRCB, provides links to the State's informational websites, and identifies the recommended reductions in water use required in each of the Waterworks Districts by the SWRCB. A memo has been included on our customer water bills informing them of the new regulations and directing them to the Waterworks Districts' webpage for more information. Twitter social media was also used to inform followers of the Waterworks Districts of the latest information about the drought and the draft emergency regulations. Both the *Antelope Valley Press* and the *Malibu Times* published news articles with information about the draft emergency regulations following interviews with Public Works' staff.

Once the regulations are finalized by the SWRCB, we will include messages about the final regulations on the bill envelopes sent to customers of the Waterworks Districts, continue to provide updates via Twitter and on the Waterworks Districts' webpage, and send reverse 911 messages to customers. Beginning in early summer, the Waterworks Districts will continue an annual water conservation outreach campaign utilizing print media; online, theater, television, and radio advertisements; advertisements on local transit buses; and Waterworks Districts' vehicle wraps to encourage water conservation.

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This year, the campaign will focus on the drought, how much water the Waterworks Districts' customers typically use, and specific actions they can take to reduce their water use.

Impacts of the Executive Order to the Waterworks Districts and County Unincorporated Areas

Following the Board's motion, on April 7, 2015, the SWRCB issued a framework for the emergency regulations as directed by the Governor. This framework proposed to achieve a Statewide reduction in use of 25 percent by requiring greater levels of water use reductions by water retailers with higher per capita water use.

Impacts to Customers of the Waterworks Districts

The current draft of this framework requires Waterworks District Nos. 29 (Malibu) and 40 (Antelope Valley) to reduce water use by 36 and 32 percent, respectively, compared to what was used in 2013. The remaining Waterworks Districts are required to reduce water use by 25 percent. The level of conservation required by the draft emergency regulations requires the Board to declare a water shortage and activate the Phased Water Conservation Plan in all of the Waterworks Districts. When activated, the plan implements a new tiered water rate structure with significant conservation surcharges on customers of the Waterworks Districts who use more than a target water use.

County Counsel is currently reviewing the recent unfavorable ruling for the City of San Juan Capistrano by the 4th District Court of Appeal because of the potential impact this ruling has on the Board's ability to implement the Phased Water Conservation Plan. The Court held that the City's water rates, which were intended to cause conservation of water based on escalating prices, were not in conformity with Proposition 218 because the price and percentages in the City's tiered water rates were determined without consideration for the cost of the service to the end user being fairly reflected in the actual cost of the service.

Following County Counsel's review, Public Works will bring a recommendation to the Board on the specific phase of the plan that should be implemented and the water use targets for all customers once the emergency regulations are adopted by the SWRCB. The water use targets for all customers will be based on a reduction to the 2013 average water use of the Waterworks Districts' customers.

A notice will be mailed to each customer of the Waterworks Districts informing them of their water use target and comparing it to their prior year water use. This information

will be made available on all water bills once the plan is implemented. Customers will also be able to determine the amount they will need to reduce to meet their target by visiting the Waterworks Districts' website and comparing their water use target to their historic water use on their water bill or their My Waterworks Account Manager (MyWAM) online water account. We will direct customers to this information using our reverse 911 call system. We will also provide information on the actions customers will need to take to meet the target reductions mandated by the SWRCB on the Waterworks Districts' website. As required by the Rules and Regulations of the Los Angeles County Waterworks Districts and the Marina del Rey Water System, we will also provide notice of the proposed Board action in newspapers of general circulation at least 10 days prior to the Public Hearing.

Outdoor watering has already been restricted in all Waterworks Districts to 2 days per week during the winter months and 3 days per week in the summer. Similar restrictions have been put in place by most Southern California water retailers. The Waterworks Districts will also suspend issuing and renewing all construction meters utilizing potable water. Recycled water for use by developers is available at specific locations.

Impacts to the Waterworks Districts' Operations

If customers comply with the reduction requirements proposed in the emergency regulations, there will be a loss of revenue due to decreased water sales in all of the Waterworks Districts, which would not be significantly offset by a reduction in expenditures for the purchase of imported water. If revenues continue to decline, an evaluation may be required of the need for a rate adjustment in all the Waterworks Districts. Requests from customers for water conservation devices and rebates have already significantly increased and additional staffing may be required to address the anticipated high volume of customer requests for higher water allocations, billing adjustments, water waste reporting, and administration of rebate programs.

In addition to residential sector use that has been reported for Waterworks District Nos. 29 (Malibu) and 40 (Antelope Valley) to the SWRCB since June 2014, the proposed framework also requires retailers to begin reporting separate figures for commercial, large landscape, industrial, and institutional sector use beginning June 2015. For Waterworks District Nos. 21 (Kagel Canyon), 36 (Val Verde), and 37 (Acton), the proposed framework requires a one-time report to the SWRCB comparing 2013 and 2015 water use, the number of days per week outdoor irrigation is allowed, and any other restrictions implemented to achieve a 25 percent water use reduction.

The SWRCB will provide compliance assessments to determine the level of monthly and cumulative water usage reductions achieved from June 2015 to February 2016 as compared to this same time period in 2013. The proposed framework indicates the SWRCB will use both informal (warning letters) and formal (Cease and Desist Orders) enforcement for the reduction requirements. The proposed framework indicates non-compliance with a Cease and Desist Order could result in a complaint to assess Administrative Civil Liabilities of up to \$10,000 for each day of non-compliance.

Public Works is developing a Strategic Communications Plan for the Waterworks Districts to assist in meeting the water conservation objectives established by the Board. The plan will maintain an informed group of internal and external stakeholders and provide the media with accurate and timely information about the County's response to drought regulations. Clear goals and objectives for water conservation will be established for the Waterworks Districts, and we will provide regular briefings on progress to the Board and the SWRCB.

We will activate public information officers to develop messaging about the County's efforts to conserve water within public facilities, talking points for all Waterworks front-line employees, and a campaign to encourage employees and customers to reduce their individual water use. We will utilize the Waterworks Districts' public relations consultant to augment the County's existing comprehensive water conservation campaign to achieve the water use reductions stipulated by the Board. Finally, we will maximize the use of the County's websites, e-mail, and social media to reach target audiences with positive messages about the County's water conservation efforts.

Impacts to Unincorporated County Area Residents

Each retail water agency in the State has been assigned a reduction target depending on the per capita residential use within their service area and the level of conservation already achieved. All residents of the County of Los Angeles can determine who their water retailer is and the specific reduction target for their retailer at Public Works' drought website at <http://www.lacountydrought.com>. The attached table (Attachment B) also identifies all the water retailers serving unincorporated County areas, their phone numbers, and the proposed reduction mandated by the SWRCB for each of these retailers.

The Governor's Executive Order also prohibits irrigating ornamental turf on public street medians with potable water. Public Works maintains over a million square feet of turf on more than 50 medians on public streets currently landscaped with turf and irrigated with potable water. These areas are primarily located in Supervisorial Districts 1, 2, 4,

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and 5. Public Works also maintains more than a million square feet of turf in 13 Landscape Maintenance District zones.

Recycled water is not currently available in the vicinity of these medians and Landscape Maintenance Districts. Public Works has turned off the irrigation systems on the roadway medians and is currently working to modify these systems to water the trees and other non-turf median areas. These efforts are being coordinated with adjacent jurisdictions. As you are aware, Public Works is projecting a funding shortfall for the Los Angeles County Road Fund based on the State's budget projection of decreased gas tax revenues. We will be working with your offices and other stakeholders on a plan to address the medians and Landscape Maintenance District zones maintained by Public Works that are impacted by the Governor's Executive Order.

The Governor's Executive Order directs the SWRCB to prohibit any outdoor irrigation at newly constructed homes that do not utilize drip or micro spray systems. It is uncertain at this time as to how this regulation will be implemented.

Public Works is exploring opportunities to encourage unincorporated County residents to utilize laundry and bathing wastewater, known as "gray water," to reduce the use of potable water for irrigation. The current Los Angeles County building code includes provisions for the installation of gray water systems in residential and non-residential buildings within the unincorporated areas.

If you have any questions, please contact me or your staff may contact Gary Hildebrand at (626) 458-4012 or ghildeb@dpw.lacounty.gov.

DR:dvt

A4258 Board Motion (GH Changes).docx

Attach.

cc: Chief Executive Office (Rochelle Goff)
Executive Office

ATTACHMENT A

Summary of Specific Actions Taken by Departments to Conserve Water

Internal Services Department, together with the CEO requested and received reports from County departments on actions taken to conserve water. CEO requested ISD to consolidate these individual reports into one report. The consolidated report describes the number and types of actions by each department in respective best practice categories and unique water conservation measures. The final column in the table identifies potential actions the departments are considering in response to the ongoing drought.

- Plumbing fixture measures consist of but are not limited to the upgrade of faucets, aerators, showerheads, toilets, urinals in County facilities.
- Landscape fixture measures consist of but are not limited to shut down of recirculating fountains; upgrades of all or part of irrigation systems; upgrades to weather-based irrigation controllers; increases of the mowing height; replacement of turf grass with drought-tolerant landscapes; retro-commission activities of irrigation systems to catch and correct overspray, breaks, and controller malfunctions.
- Cooling Tower measures are not applicable to every department or site. They are typically at the larger facilities with a central heating and cooling plant as opposed to facilities heated and cooled by roof top units, which do not include cooling towers. The water conservation measure utilizes advanced chemical treatment of the cooling tower water instead of frequent replacement of the water to control water chemistry.
- Behavioral water conservation measures consist of signage, newsletter articles, community based social marketing messages to conserve water, employee training, dashboards showing water consumption compared to goals and head-to-head competitions between facilities to conserve water.

Unique or noteworthy water conservation measures are typically unique to that department's mission or do not fit into the four best practice categories.

✓ = Measure/project established at one location.

Illustration from ISD Managed Facilities on the impacts from the nine tiers of reduction mandates:

- 593 facilities that use approximately 2 billion gallons of water per year.
- 88 different water districts served by 69 purveyors.
- Mandated savings of approximately 365 million gallons per year which corresponds to an average of 18% of total water use.



Summary of Specific Actions Taken by Departments to Conserve Water

County Department	Plumbing Fixture Measures completed	Landscape Measures completed	Cooling Tower Measures completed	Behavioral Measures completed	Unique and/or Noteworthy Measures	Potential Future Actions under consideration
Agricultural Commissioner/ Weights & Measures		✓	N/A		<ul style="list-style-type: none"> Monitor 56 field staff that must fill and re-bait McPhail traps on a daily basis, ensuring only use of appropriate water volumes, as mandated by the California State Trapping Manual and Federal guidelines. 	<ul style="list-style-type: none"> ACWM plans to reduce watering of landscape to 4 days a week at the Arcadia and South Gate offices, as well as the Pico Rivera Warehouse.
Alternate Public Defender			N/A			<ul style="list-style-type: none"> Install high efficiency water faucets, where allowed under its lease terms. Place County signage that reminds its employees to monitor water usage. Generate a recurrent email blast to all of its employees informing them of the drought and reminding them to save water.
Animal Care and Control			N/A		<ul style="list-style-type: none"> Transitioned to dry pick-up of fecal matter in the kennels, previous method required excessive use of water. Implemented use of a new disinfectant in the kennels that requires a lower dilution rate than previous disinfectants; does not require washing off. 	<ul style="list-style-type: none"> Remove 60% of the landscaping in the perimeter of the administrative HQ building. Replace the heads on the existing irrigation system with efficient spray heads. Install low-flow aerators on all faucets in the administrative HQ building and other efficient fixtures.
Assessor			N/A		Pending	Pending
Auditor-Controller			N/A	✓		

Summary of Specific Actions Taken by Departments to Conserve Water

County Department	Plumbing Fixture Measures completed	Landscape Measures completed	Cooling Tower Measures completed	Behavioral Measures completed	Unique and/or Noteworthy Measures	Potential Future Actions under consideration
Beaches and Harbors		✓		✓		<ul style="list-style-type: none"> • Replacing toilets with water-efficient units. • Drought-tolerant landscaping on office campus. • Placing signage on beach showers to encourage beach patrons to conserve water. • Encouraging providers of reclaimed water to provide service to the coastal beaches. • Eliminating additional turf and landscaping in many of the beach and harbor locations and replace with native vegetation.
Board of Supervisors	✓	✓		✓		<ul style="list-style-type: none"> • Replace all remaining standard urinals at the KH Hall of Administration with waterless urinals. • Reduce power washing of the perimeter of the Hall of Administration from quarterly to biannually. • Install additional signage in all public and private restrooms. • Work with ISD regarding the feasibility of replacing all natural grass at the Hall of Admin with artificial grass.

Summary of Specific Actions Taken by Departments to Conserve Water

County Department	Plumbing Fixture Measures completed	Landscape Measures completed	Cooling Tower Measures completed	Behavioral Measures completed	Unique and/or Noteworthy Measures	Potential Future Actions under consideration
Chief Executive Office			N/A	✓	<ul style="list-style-type: none"> Working with ISD on a comprehensive, ongoing drought report, which includes a section on what departments have done in response to the Board's 7/22/14 directive. 	
Chief Information Office			N/A		<ul style="list-style-type: none"> Located at full service lease facility. 	
Child Support Services				✓		<ul style="list-style-type: none"> Best practices concerning watering landscape have also been suggested to Property Management.
Children and Family Services			N/A		<ul style="list-style-type: none"> Office is a County-owned site complying with water savings directives. 	<ul style="list-style-type: none"> Turf replacement at this site provides an opportunity to further water conservation efforts. ISD will provide additional information on the cost of turf replacement and cost savings.
Community and Senior Services				✓		<ul style="list-style-type: none"> Staff has been working with ISD to come up with extensive response.
Consumer & Business Affairs			N/A	✓		<ul style="list-style-type: none"> Does not maintain any outdoor landscaped areas.
County Counsel			N/A	✓	<ul style="list-style-type: none"> Located at full service lease facility. 	<ul style="list-style-type: none"> Will post signs in restrooms and kitchenette areas with sinks to remind staff to conserve water.
District Attorney			N/A	✓	<ul style="list-style-type: none"> Located at full service lease facility. 	<ul style="list-style-type: none"> Measures to be established by other departments.

Summary of Specific Actions Taken by Departments to Conserve Water

County Department	Plumbing Fixture Measures completed	Landscape Measures completed	Cooling Tower Measures completed	Behavioral Measures completed	Unique and/or Noteworthy Measures	Potential Future Actions under consideration
Fire	✓✓	✓✓✓✓		✓	<ul style="list-style-type: none"> • Low-Impact Development Projects scheme developed. • Forestry Division entered into a multi-year agreement with ISD to maintain and replaces existing landscaping. 	<ul style="list-style-type: none"> • Many fire stations are continuously being evaluated for potential turf removal and replaced with drought-tolerant landscaping.
Grand Jury			N/A	✓		<ul style="list-style-type: none"> • Installation of water free urinals and faucets. • Signage can also be posted near faucets and toilets.
Ambulatory Care Network					Pending	Pending
Harbor-UCLA Medical Center	✓	✓				<ul style="list-style-type: none"> • Consider shutting both fountains down to conserve water loss to evaporation. • Consider a JOC contract outside of the present landscape contract to re-landscape with drought-tolerant plantings at large grass areas on campus.
Health Services						<ul style="list-style-type: none"> • Connection of the landscape irrigation system at the new HDRHC facility to the reclaimed water system within the City of Lancaster. At the present time, the reclaimed water system does not extend to the site. Extending the reclaimed water system and connecting the landscape irrigation system to that service would require an undetermined investment.
High Desert Health System	✓	✓				

Summary of Specific Actions Taken by Departments to Conserve Water

County Department	Plumbing Fixture Measures completed	Landscape Measures completed	Cooling Tower Measures completed	Behavioral Measures completed	Unique and/or Noteworthy Measures	Potential Future Actions under consideration
LAC+USC Medical Center		✓				<ul style="list-style-type: none"> The facility landscape contract monitor will be checking all timers to ensure they are programmed to be off between the hours of 9 am and 5 pm. A new evaluation of the landscape watering needs will be made to all areas to cut back water usage wherever possible. Any new seasonal plants selected for use at the facility will be scrutinized to ensure they are low-water maintenance plants.
Martin Luther King Outpatient Center					Pending	Pending
Olive View-UCLA Medical Center	✓	✓		✓	<ul style="list-style-type: none"> Replaced medical vacuum and medical air pumps with waterless ones. 	<ul style="list-style-type: none"> Further reduction of irrigation water consumption. Replacement of toilets and urinals with low-flow fixtures. Replacement of shower heads. Replace cooling towers. Utilize best management practices on water consuming equipment in the Hospital and Power Plant. Utilize recycled water for irrigation. Perform staff education that promotes a water-wise culture.

Summary of Specific Actions Taken by Departments to Conserve Water

County Department	Plumbing Fixture Measures completed	Landscape Measures completed	Cooling Tower Measures completed	Behavioral Measures completed	Unique and/or Noteworthy Measures	Potential Future Actions under consideration
Mental Health	✓	✓			<ul style="list-style-type: none"> • Downtown Mental Health Center will reduce building water waste by 20%. • Arcadia Mental Health Center irrigation system resulted in 41% reduction in anticipated water consumption. • Provided DMH with four LEED point WE Credit: Water use Reduction. 	
Military and Veterans Affairs	✓	✓			<ul style="list-style-type: none"> • Bob Hope Patriotic Hall was awarded the Gold LEED Certification in 2013. 	<ul style="list-style-type: none"> • Exploring the possibility of enhancing the landscaped area by up to 50%. • Work with ISD in reducing the number of watering days and in modifying the existing irrigation system. • Looking at incentives from the Metropolitan Water District in converting our urinals to waterless units.

Summary of Specific Actions Taken by Departments to Conserve Water

County Department	Plumbing Fixture Measures completed	Landscape Measures completed	Cooling Tower Measures completed	Behavioral Measures completed	Unique and/or Noteworthy Measures	Potential Future Actions under consideration
Museum of Art	✓	✓		✓	<ul style="list-style-type: none"> • Reusing water from art works/exhibitions (when applicable) in the landscape as an alternate to running irrigation. • LACMA is working with Arts Earth Partnership, a Los Angeles not-for-profit, toward sustainable certifications and a strong focus specific to water efficiency. 	<ul style="list-style-type: none"> • Evaluate ways to implement and educate staff and public on water saving measures. • Shut off of the non-art/sculptural water feature at Dorothy Collins Brown fountain. • Significantly reducing planting at Spaulding Parking Lot by about 80%.
Natural History Museum	✓	✓	✓	✓		<ul style="list-style-type: none"> • Planting native, drought-tolerant plants where replacement or new plantings were necessary.

Summary of Specific Actions Taken by Departments to Conserve Water

County Department	Plumbing Fixture Measures completed	Landscape Measures completed	Cooling Tower Measures completed	Behavioral Measures completed	Unique and/or Noteworthy Measures	Potential Future Actions under consideration
Parks and Recreation		<ul style="list-style-type: none"> ✓ ✓ ✓ ✓ ✓ ✓ 		<ul style="list-style-type: none"> ✓ ✓ ✓ ✓ 		<ul style="list-style-type: none"> • Phase II: DPR Water Conservation Plan • Develop and include water efficiency guidelines to our DPR's design guidelines. • Develop and include turf reduction guidelines to DPR's design guidelines. • Partner with water agencies to conduct comprehensive irrigation system efficiency audits. • Update the Underfunded Project list to create a water efficiency category. • Phase III: DPR Water Conservation Plan • Collaborate with DPW Watershed Management Division to design and implement multi-benefit projects that capture storm water urban runoff for water quality and groundwater recharge. • Implement Phase II of DPR's Recycled Water Plan.
Probation	✓	✓		✓	<ul style="list-style-type: none"> • Isolated and/or shut off water systems where feasible/pending repairs. 	
Public Defender	✓				<ul style="list-style-type: none"> • Located at full service lease facility. 	
Public Health		✓			<ul style="list-style-type: none"> • Currently has an ISD service request in place to initiate water drip system projects at three other locations. 	

Summary of Specific Actions Taken by Departments to Conserve Water

County Department	Plumbing Fixture Measures completed	Landscape Measures completed	Cooling Tower Measures completed	Behavioral Measures completed	Unique and/or Noteworthy Measures	Potential Future Actions under consideration
Public Library	✓	✓ ✓ ✓ ✓ ✓		✓		<ul style="list-style-type: none"> All future Library renovations will comply with all of the water conservation measures as our new libraries have, regardless of any LEED requirements. Place the Water Savings Tips link in a more prominent location on the DPSS Website's home page and on other Department website pages.
Public Social Services		✓ ✓ ✓ ✓ ✓	✓ ✓			<ul style="list-style-type: none"> Developing a strategy to take advantage of the available rebates to replace inefficient toilets, turf, and sprinkler heads. At the end of the third quarter of 2015, will compare and report the water use at all the Department's facilities to the amount of water that was used in the same period during Fiscal Year 2012-13 to determine the level of conservation achieved.
Public Works	✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	completed prior to the drought	✓ ✓ ✓	<ul style="list-style-type: none"> Turned off irrigation system for turf areas at Headquarters and all field offices. Increased water conservation reporting. Researching which of the Department's water trucks and sweepers can use recycled water. Compared the water use history for all Department facilities from 2012 through 2014 and analyzed water use patterns at each facility. Conducted Water Use Surveys at field facilities to verify compliance with Board order and identify potential improvements. 	
Regional Planning	✓			✓ ✓ ✓		

Summary of Specific Actions Taken by Departments to Conserve Water

County Department	Plumbing Fixture Measures completed	Landscape Measures completed	Cooling Tower Measures completed	Behavioral Measures completed	Unique and/or Noteworthy Measures	Potential Future Actions under consideration
Registrar-Recorder/County Clerk		✓		✓		<ul style="list-style-type: none"> Adhering to the emergency water conservation regulations.
Sheriff	✓ ✓ ✓	✓ ✓			<ul style="list-style-type: none"> Booster clubs have volunteered to remove turf at Sheriff facilities. 	
Treasurer and Tax Collector		✓				<ul style="list-style-type: none"> Replace grassy areas with drought-tolerant plants.
Total	25	80	5	37		

ATTACHMENT B

**EMERGENCY WATER REGULATIONS FOR UNINCORPORATED LOS ANGELES COUNTY AREAS
WATER REDUCTION REQUIREMENTS**

Unincorporated Community	Water Supplier	Phone Number	Percent Reduction
Supervisorial District 1			
Avocado Heights	San Gabriel Valley Water Company	(626) 330-1628	16%
Bassett	San Gabriel Valley Water Company	(626) 330-1628	16%
Charter Oak	Azusa Light and Water	(626) 812-5225	20%
East Los Angeles	California Water Service Company	(323) 722-8601	8%
Hacienda Heights	San Gabriel Valley Water Company	(626) 330-1628	16%
Los Nietos	San Gabriel Valley Water Company	(626) 330-1628	16%
South San Gabriel	Golden State Water Company	(800) 999-4033	12%
South San Jose Hills	La Puente Valley County Water District	(626) 330-2126	25%
Valinda	La Puente Valley County Water District	(626) 330-2126	25%
Walnut Park	Walnut Park Mutual Water Company	(323) 585-7321	25%
West Whittier	San Gabriel Valley Water Company	(626) 330-1628	16%
Supervisorial District 2			
Athens	Golden State Water Company	(800) 999-4033	12%
City Terrace	California Water Service Company	(323) 722-8601	8%
Florence	Golden State Water Company	(800) 999-4033	12%
	Walnut Park Mutual Water Company	(323) 585-7321	25%
Ladera Heights	Golden State Water Company	(800) 999-4033	16%
Lennox	Golden State Water Company	(800) 999-4033	12%
Rosewood	Golden State Water Company	(800) 999-4033	12%
West Rancho Dominguez	Park Water Company	(562) 923-0711	8%
Willowbrook	Lynwood Park Mutual Water Company	(310) 631-2625	25%
	Sativa L.A. County Water District	(310) 631-8176	25%
Supervisorial District 3			
Agoura	Los Angeles County Waterworks District No. 29	(877) 637-3661	36%
	Las Virgenes Municipal Water District	(818) 251-2100	36%
Chatsworth	Las Virgenes Municipal Water District	(818) 251-2100	36%
Cornell	Las Virgenes Municipal Water District	(818) 251-2100	36%
El Nido	Las Virgenes Municipal Water District	(818) 251-2100	36%
Malibu Bowl	Las Virgenes Municipal Water District	(818) 251-2100	36%
Malibu Heights	Los Angeles County Waterworks District No. 29	(877) 637-3661	36%
	Las Virgenes Municipal Water District	(818) 251-2100	36%
Malibu Lake	Las Virgenes Municipal Water District	(818) 251-2100	36%
Monte Nido	Las Virgenes Municipal Water District	(818) 251-2100	36%
Topanga	Los Angeles County Waterworks District No. 29	(877) 637-3661	36%
West Hills	Las Virgenes Municipal Water District	(818) 251-2100	36%
Supervisorial District 4			
La Rambla	Los Angeles Department of Water and Power	(800) 342-5397	16%
Marina Del Rey	Los Angeles Department of Water and Power	(800) 342-5397	16%
	Marina Del Rey Water System	(877) 637-3661	36%
Rowland Heights	California Domestic Water Company	(562) 947-3811	25%
	Rowland Water District	(562) 697-1726	20%
	Walnut Valley Water District	(626) 964-6551	28%
South San Jose Hills	Rowland Water District	(562) 697-1726	20%
South Whittier	Golden State Water Company	(800) 999-4033	12%
	Orchard Dale Water District	(562) 941-0114	24%

Supervisorial District 5			
Unincorporated Community	Water Supplier	Phone Number	Percent Reduction
Acton	Los Angeles County Waterworks District No. 37	(877) 637-3661	25%
Altadena	Lincoln Avenue Water Company	(626) 798-9101	28%
	Rubio Canyon Land and Water Association	(626) 797-0509	36%
Antelope Acres	Antelope Park Mutual Water Company	(661) 945-2238	25%
	Land Project Mutual Water	(661) 948-2550	25%
	Sundale Mutual Water Company	(661) 256-3100	25%
Boquet Canyon	Newhall County Water District	(661) 259-3610	32%
Canyon Country	Newhall County Water District	(661) 259-3610	32%
Castaic	Newhall County Water District	(661) 259-3610	32%
Castaic Junction	Valencia Water Company	(661) 294-0828	24%
Charter Oak	Covina, City of	(626) 858-7263	28%
	Golden State Water Company	(800) 999-4033	28%
Citrus	Covina, City of	(626) 858-7263	28%
	Glendora, City of	(626) 914-8239	36%
Del Sur	Antelope Park Mutual Water Company	(661) 945-2238	25%
	Aqua-J Mutual Water Company	(661) 946-1935	25%
	Lake Elizabeth Mutual Water Company	(661) 724-1806	25%
	Land Project Mutual Water	(661) 948-2550	25%
	Sundale Mutual Water Company	(661) 256-3100	25%
East Pasadena	East Pasadena Water Company	(626) 793-6189	25%
	Sunny Slope Water Company	(626) 568-4266	24%
East San Gabriel	California American Water Company	(888) 237-1333	25%
	Golden State Water Company	(800) 999-4033	12%
	Sunny Slope Water Company	(626) 568-4266	24%
Elizabeth Lake	Lake Elizabeth Mutual Water Company	(661) 724-1806	25%
Foothill	City of La Verne Water Department	(909) 596-8726	32%
	Golden State Water Company	(800) 999-4033	28%
Forrest Park	Newhall County Water District	(661) 259-3610	32%
Green Valley	California Water Service Company	(323) 263-4145	25%
Kagel Canyon	Los Angeles County Waterworks District No. 21	(877) 637-3661	25%
Kinneloa Mesa	Kinneloa Irrigation District	(626) 797-6295	25%
La Crescenta	Crescenta Valley Water District	(818) 248-3925	20%
Lake LA	Los Angeles County Waterworks District No. 40	(877) 637-3661	32%
Litterock	Littlerock Creek Irrigation District	(661) 944-2015	25%
	Los Angeles County Waterworks District No. 40	(877) 637-3661	32%
Llano	Big Rock Mutual Water Company	(661) 944-2939	25%
	Llano Del Rio Water Company	(661) 944-2939	25%
	Llano Mutual Water Company	(661) 944-2939	25%
Mint Canyon	Newhall County Water District	(661) 259-3610	32%
Montrose	Crescenta Valley Water District	(818) 248-3925	20%
Newhall	Newhall County Water District	(661) 259-3610	32%
Northeast LA (High Vista)	Los Angeles County Waterworks District No. 40	(877) 637-3661	32%
Pearblossom	Los Angeles County Waterworks District No. 40	(877) 637-3661	32%
	Littlerock Creek Irrigation District	(661) 944-2015	25%
Pinetree	Newhall County Water District	(661) 259-3610	32%

Supervisorial District 5

Unincorporated Community	Water Supplier	Phone Number	Percent Reduction
Quartz Hill	California Water Service Company	(323) 263-4145	25%
	El Dorado Mutual Water Company	(661) 947-3255	28%
	Los Angeles County Waterworks District No. 40	(877) 637-3661	32%
	Palm Ranch Irrigation District	(661) 943-2469	25%
	Quartz Hill Water District	(661) 943-3170	36%
	Shadow Acres Mutual Water Company	(661) 947-0200	25%
	Sunnyside Farms Mutual Water Company	(661) 947-3437	25%
	West Side Park Mutual Water Company	(877) 500-3880	25%
	White Fence Farms Mutual #1	(661) 943-3316	25%
Ramona	Suburban Water Systems	(562) 944-8219	25%
Saugus	Newhall County Water District	(661) 259-3610	32%
Stevenson Ranch	Valencia Water Company	(661) 294-0828	24%
Sun Village	Los Angeles County Waterworks District No. 40	(877) 637-3661	32%
Val Verde	Los Angeles County Waterworks District No. 36	(877) 637-3661	25%
Valencia	Valencia Water Company	(661) 294-0828	24%
Valinda	Suburban Water Systems	(562) 944-8219	25%
	Walnut Valley Water District	(909) 595-1268	28%
Valyermo	Little Baldy Mutual Water Company	(661) 261-9226	25%
West Puente Valley	Suburban Water Systems	(562) 944-8219	25%
Wilsona Gardens	Wilsona Gardens Mutual Water Company	(661) 727-1905	25%