

Rescind Stage 1 – Mandatory of the City’s Shortage Plan

City Council Meeting

June 14, 2016



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Overview

- Background
- State Emergency Drought Regulations
- Stage 1 – Mandatory
- Outreach and Resources
- Recommendation



Background

2014

- January – Governor declared a statewide drought. Requested 20% voluntary reduction in water use
- February – Council adopted a 20% community-wide voluntary reduction in water use
- July – State Board adopted Emergency Conservation Regulation
- August – Council adopted Stage 1 – Mandatory of the City's Water Shortage Plan



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Background

2015

- March – State Board adopted additional Emergency Conservation Regulation
- April – Governor directed State Board to achieve 25% statewide reduction in water use taking into account per capita water use
- May – State Board adopted revised Emergency Conservation Regulation mandating conservation targets
 - Santa Rosa's conservation requirement = 16%



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Background

2016

- February – State Board adopted revised Emergency Conservation Regulation
- May – Governor directed State Board to update Emergency Conservation Regulation considering water supply reliability
- May – State Board adopted revised Emergency Conservation Regulation taking into account water supply reliability



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Emergency Regulation

- Accounts for local supply reliability
- Extended through Jan 2017
- Water Waste Prohibitions remain



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Prohibitions

- Irrigation leading to runoff
- Irrigating within 48 hours of measurable rain
- Irrigation of turf in public street medians
- Washing down sidewalks/driveways
- Washing a car without a hose-end shut off nozzle
- Operating a fountain unless it is recirculating
- Requiring water on request in restaurants
- Hotel/motel cards



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Emergency Regulation

Allows water agencies to take into account water supply availability for next 3 years

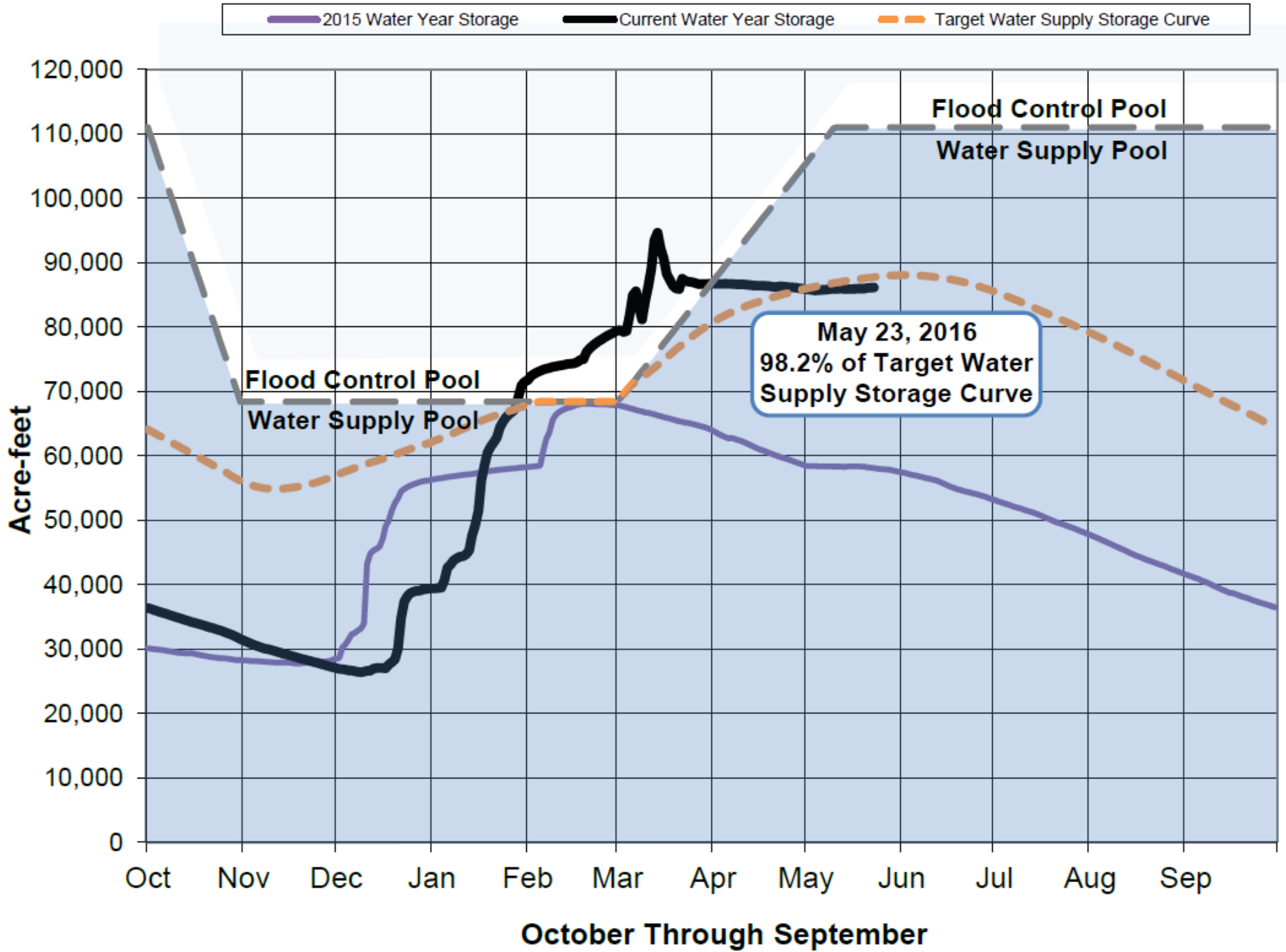
- Demand based on average of 2013 and 2014 production
- Supply availability based on current supply and projecting next three years based on hydrology for 2012/13, 2013/14 and 2014/15
- Any shortfall in Year 3 would equal conservation target



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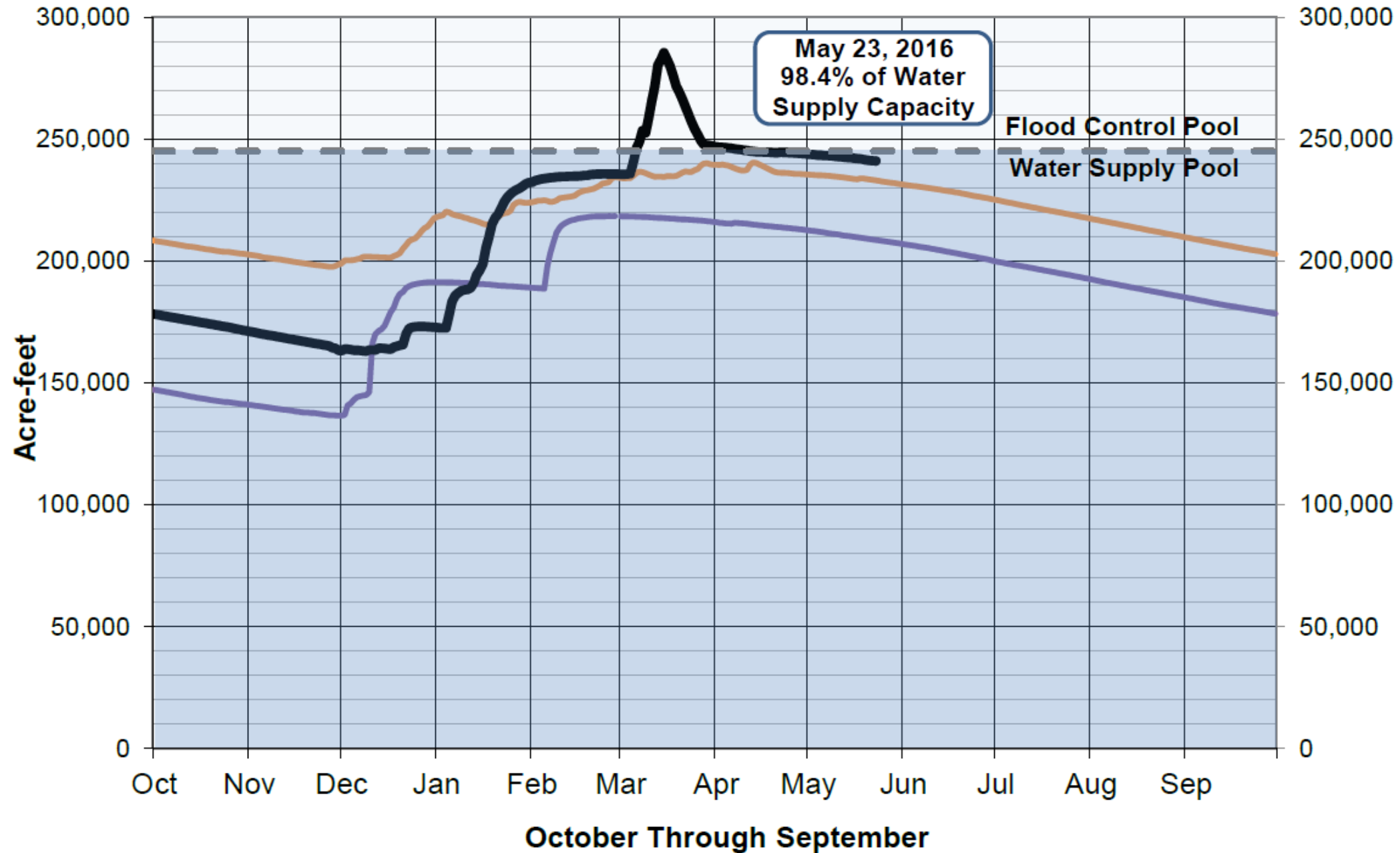


Lake Mendocino Water Supply Storage



Lake Sonoma Water Supply Storage

2005-2014 Average Water Year Storage 2015 Water Year Storage Current Water Year Storage



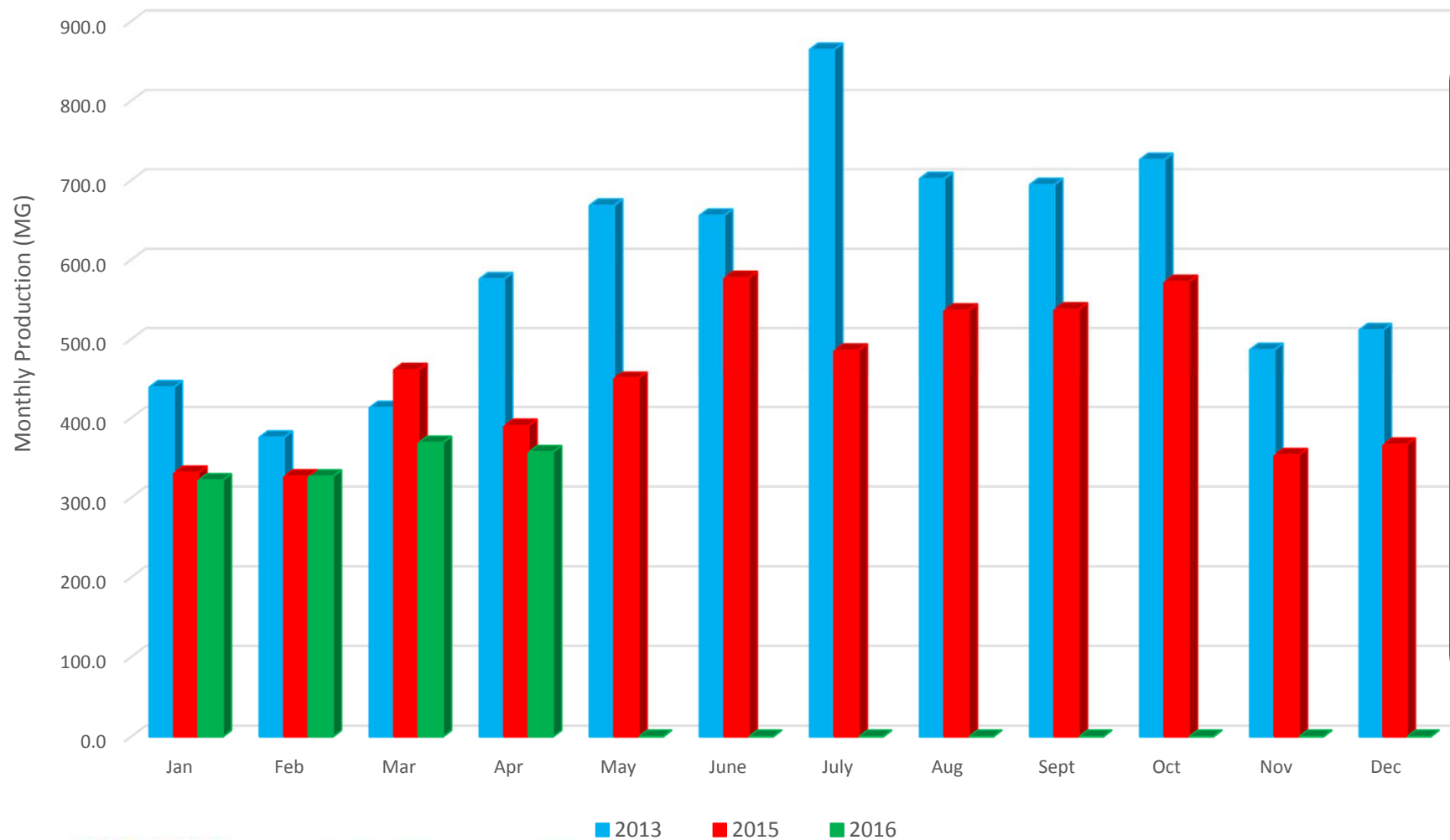
Water Supply Analysis

- Total Potable Demand = 19,933 AF
- Total Potable Supply Year 3 = 19,933 AF
- Supply – Demand = 0
- Ample additional supply available from Water Agency and Local supplies
- Result - No conservation standard from State



2015/16 DROUGHT RESPONSE: SANTA ROSA CONSERVATION STANDARD = 16%

Santa Rosa Water Production 2015, 2016 vs. 2013



*There's Never
Enough to
Waste.*

*25% reduction
in water use for
June 2015 –
April 2016.*

WUE Outreach

- Bill Inserts and Bill Face Message
- Website – www.srcity.org/wue
- Water Waste Ordinance
- Water Smart
- Facebook and Twitter
- Workshops & Events
- Downtown Markets



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We're Here to Help

- Expert water saving advice
- Free Water Saving Devices
 - High efficiency showerheads & aerators
 - Leak kits
- Rebates and Incentives



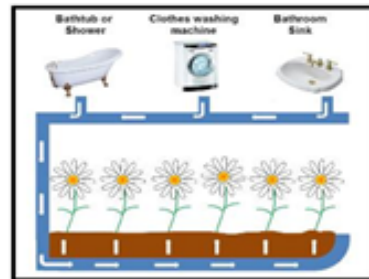
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Residential Resources



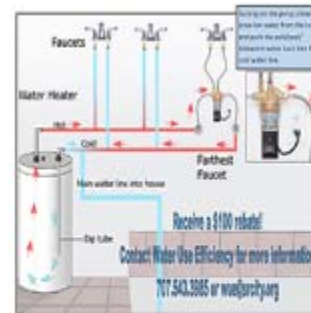
"Green Exchange" Rebate Program

Receive a rebate for removing turf or improving the efficiency of your irrigation system.



Graywater ReUse Rebate

Reuse your graywater on your landscape and receive a rebate.



Recirculating Hot Water Pump Rebate

Install a recirculating hot water pump and receive a \$100 rebate



Rainwater Harvesting Rebate

Get a rebate for capturing rainwater and reusing it on your landscape.



Multi-Family Water Survey

A free onsite water analysis with recommendations and free hardware



Water-Use Efficiency Check up Program

This is a free onsite analysis of both indoor and outdoor water use.



Sustained Reduction Rebate

Earn a rebate of \$200 per 1,000 gallons of sustained monthly savings.



High-Efficiency Clothes Washer Rebate

Replace a top-loading clothes washer with a qualifying high-efficiency clothes washer and receive a rebate.

Business Resources



Sustained Reduction Rebate

Earn a rebate of \$200 per 1,000 gallons of sustained monthly savings.



Best Available Technologies Incentive

Receive a reduction in sewer demand fees for laundromats and restaurants who apply the best available technologies at their new site.



Water Management Rebate

This rebate is for dedicated irrigation accounts that manage their water below a specific water budget.



"Green Exchange" Rebate Program

Receive a rebate for removing turf or improving the efficiency of your irrigation system.



Service Split Incentive

Receive money for installing a separate meter for irrigation use.



Water Use Survey and Analysis

This is a free onsite analysis of both indoor and outdoor water use.

Recommendation

The Board of Public Utilities and the Water Department recommends that the City Council adopt a resolution rescinding Stage 1 – Mandatory of the City’s Urban Water Shortage Contingency Plan effective June 14, 2016.



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