

# Irvine Ranch Water District Statewide Drought Regulations

Always Business Smart  
October 1, 2014



# Presentation Agenda

About IRWD

State Wide Drought

Emergency Drought Regulations

Allocation-Based Rate Structure

Customer Resources

# Irvine Ranch Water District



## Serving:

- Irvine
- Tustin
- Lake Forest
- Orange
- Newport Beach
- Costa Mesa
- Unincorporated Orange County

## **A California Special District Serving Central Orange County**

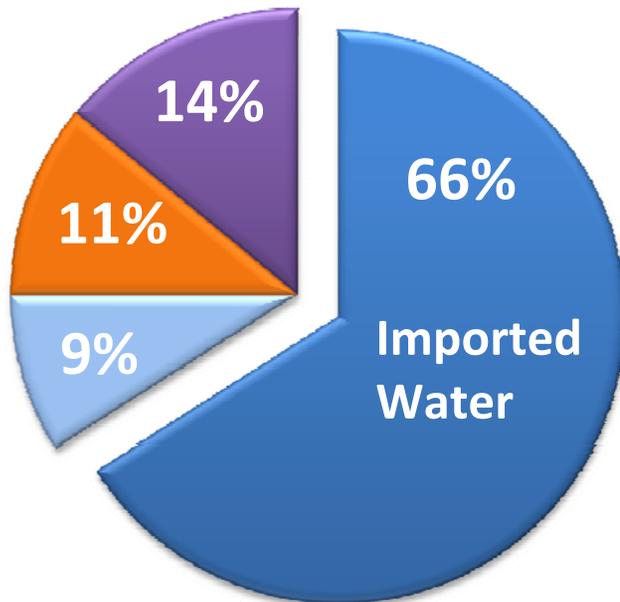
Reliable High-Quality Water & Sewer Service.

Efficient. Cost Effective. Environmentally Sensitive.

High Level of Customer Satisfaction.

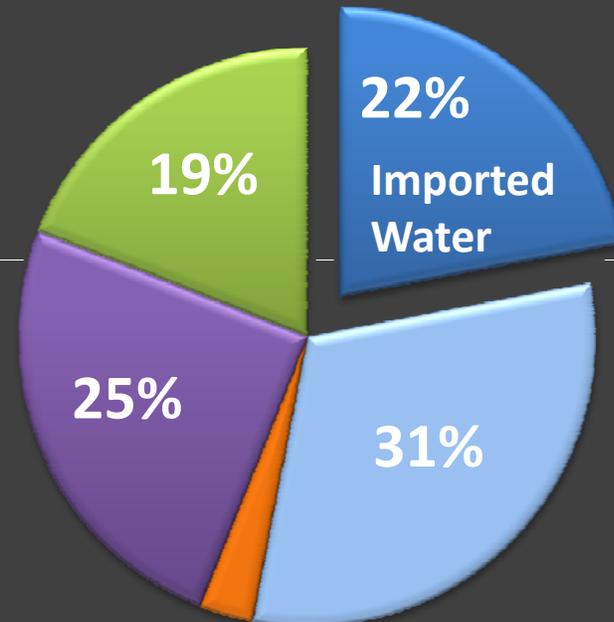
# IRWD Water Supply Portfolio. Then and Now.

**1990**



- Imported Water
- Clear Groundwater
- Local Surface Water
- Recycled Water

**2013**



- Imported Water
- Clear Groundwater
- Local Surface Water
- Recycled Water
- Treated Groundwater

# California Drought: A Statewide Issue

Worst Drought in State History

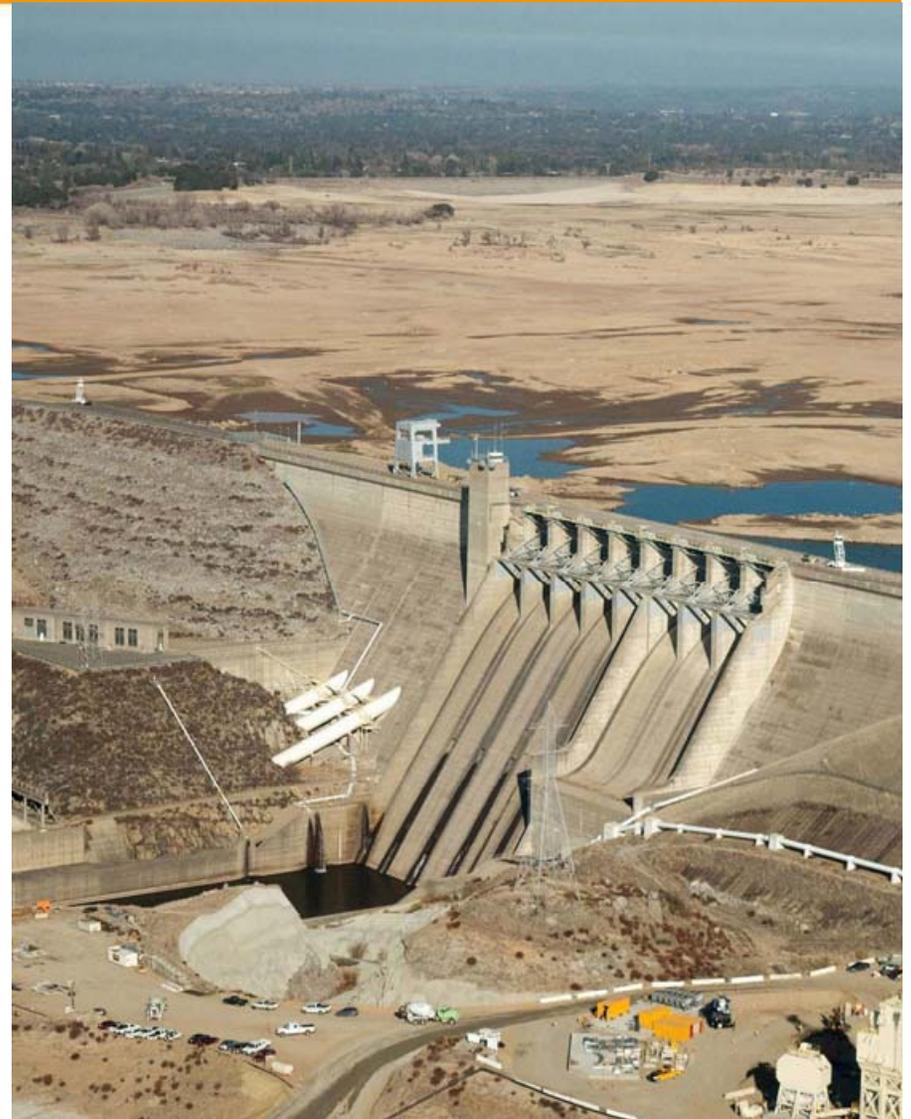
Three Straight Dry Winters

2013- Driest Year on Record

Record Breaking Heat in 2014

Water Storage Levels Dropping

Saving Water is Urgent



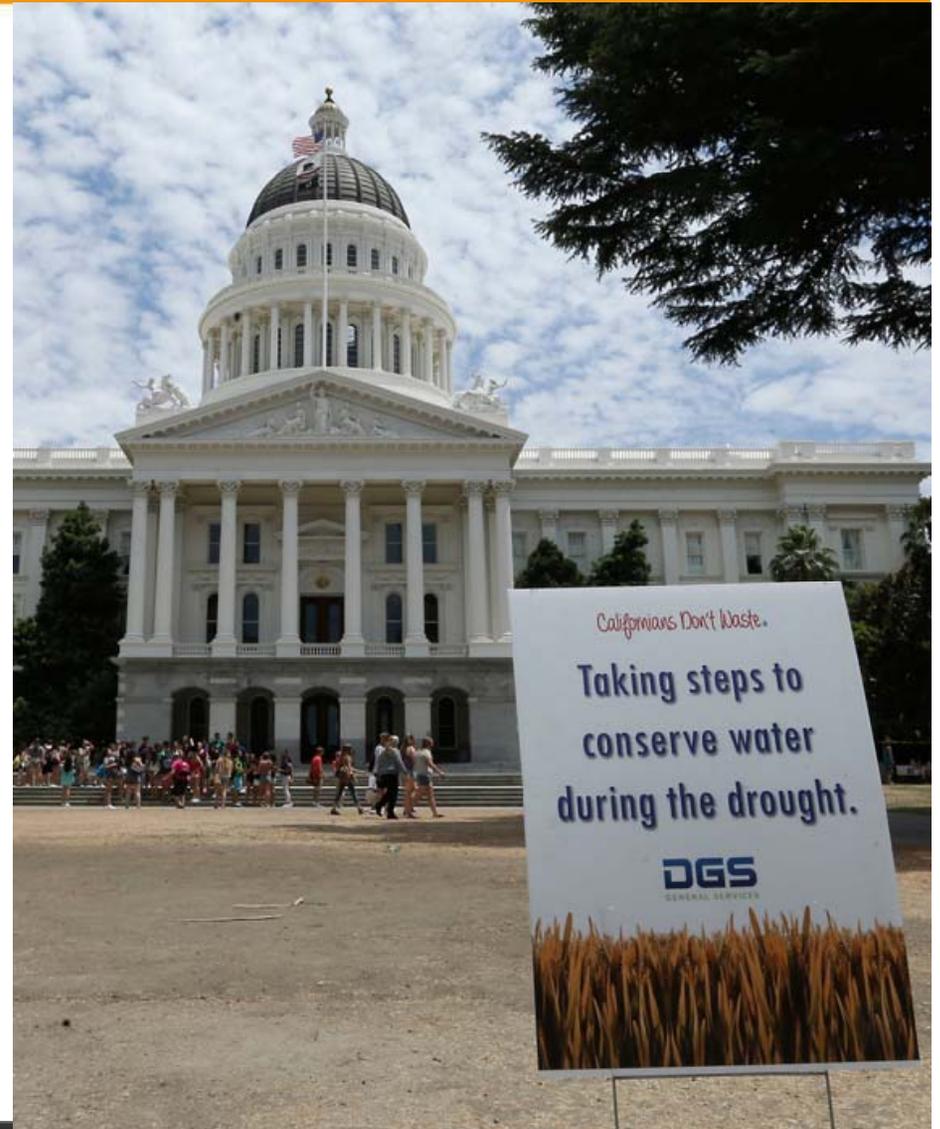
# Statewide Emergency Drought Restrictions

Prohibits Certain Outdoor Water Uses

Requires Water Agencies to Implement Outdoor Water Use Restrictions

Applies to Potable Water Only

Became Effective July 28, 2014



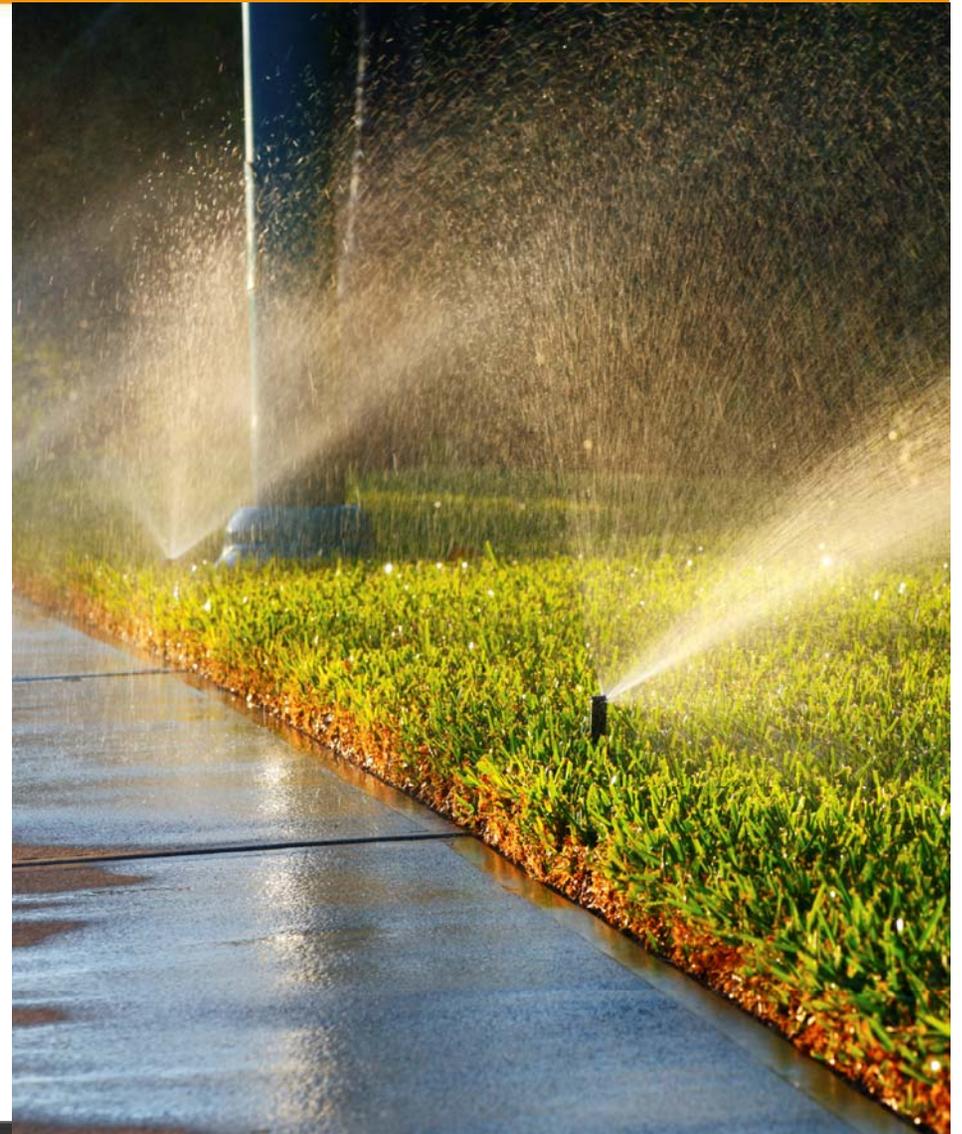
# Everyone: Mandatory Water Use Prohibitions

Washing down driveways and sidewalks with potable water

Causing runoff as a result of excess outdoor watering

Using a hose to wash a motor vehicle, unless the hose is fitted with an automatic shutoff nozzle

Using potable water in a fountain or decorative water feature, unless the water is recirculated



# Drought Regulations: Water Agency Requirements

Implement Water Shortage Contingency Plan at a level that imposes mandatory outdoor restrictions;

**OR**

Submit a plan showing superior water savings achieved with Allocation-Based Rate Structure.

**IRWD Selected This Option**

# Allocation-Based Rate Structure

Allocation-Based Rate Structure achieves excellent water saving results

Rewards conservation and sends a strong price signal for over-allocation wasteful use

38% greater savings than limiting outdoor irrigation to 2 days per week



# Example: IRWD Non-Residential Customer Rates

Tier	% of allocation	Rate/CCF
Base Rate	0 – 100%	\$ 1.34
Inefficient	101 – 150%	\$ 3.91
Excessive	151 – 200%	\$ 6.22
Wasteful	201 + %	\$12.60

100% of water to meet business needs

## Monthly Water Use Comparison

Customer Uses Allocation - 40 CCF

Customer Over Allocation - 97 CCF

Fixed charge for 1" meter = \$26.25

Total Water Bill = \$79.85

Total Water Bill = \$496.65

# Water Use Allocation

## Based on:

- Individual customer and property needs
- Productivity
- Number of employees
- Hours of operation
- Water use efficiency practices



# Customer Resources

Free water use evaluations

Free on-site customer assistance

Free events and classes

Tools, video and guides

[www.irwd.com](http://www.irwd.com)

Conservation hotline

949 453-5581



# Financial Incentives



## Performance Based Savings

Custom projects or upgrades

\$3 per 1,000 gallons saved in a year



## Outdoor Rebates

Weather- Based Irrigation Controller

Rotating Spray Nozzle

Turf Removal Rebate Program



## Indoor Rebates

High Efficiency Toilets and Urinals

Cooling Tower Controllers

Air-cooled Ice Machines



## Rebate Information and Applications

[www.irwd.com](http://www.irwd.com)

# Customer Response

Fantastic!

Applications to remove 100,000 square feet of turf and install water efficient plants received since June

Applications for rebates to install 1,000 high efficiency devices received since June

But we can all do more

# Everyone Can **Do One More Thing** To Save Water

Join Us  
IRWD Parking Lot  
15600 Sand Canyon Avenue

**Saturday, October 11**  
**10am – 1pm**

Free water nozzles &  
prize raffle



# Drought and IRWD Response

IRWD has access to reliable supplies of water

Water efficiency is important to optimize long-term resources

We are all part of the solution to the Statewide Drought

How you can help

Do One More Thing

Resources

Free on-site customer assistance

Workshops and Events

Rebates

[www.irwd.com](http://www.irwd.com)

# How to Reach Us:

[www.IRWD.com](http://www.IRWD.com)

949 453-5300

[customerservice@irwd.com](mailto:customerservice@irwd.com)

