

# **Catalina Island Stage 2 Water Rationing Update**

**Avalon City Council  
September 15, 2015**

# Middle Ranch Reservoir Level Update

- Stage 2 Water Rationing began on August 11, which is triggered when the Middle Ranch Reservoir's water level falls below 300 acre
- As of September 10, 2015, the Reservoir water level was **223 acre feet**.

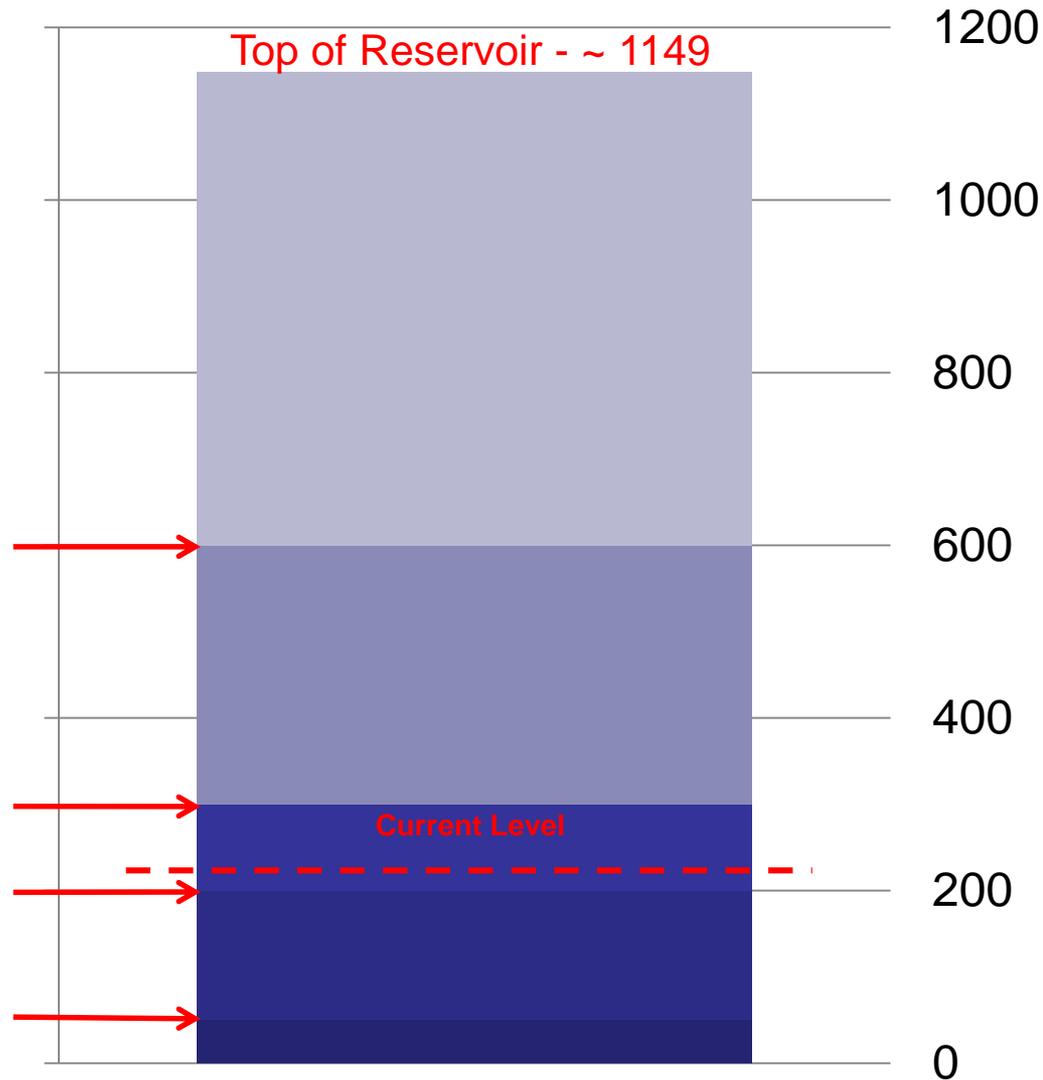
## Stage 1 Mandatory Water Conservation -

Customers are restricted in certain ways from using water when the reservoir reaches **600 acre feet**

**Stage 2 Mandatory Water Rationing** - Customers' water usage will be reduced to **75%** of their base water usage amount if the reservoir reaches **300 acre feet**

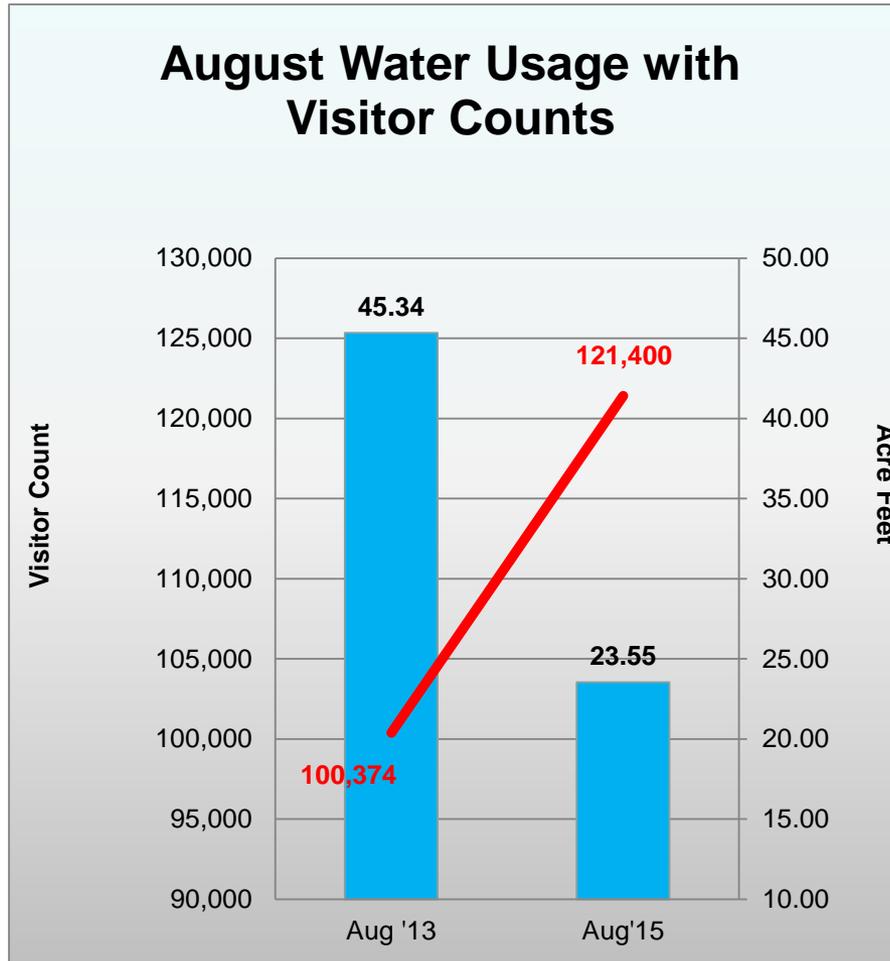
**Stage 3 Mandatory Water Rationing** - Customers' water usage will be reduced to **50%** of their base water usage amount if the reservoir reaches **200 acre feet**

**Stage 4 Mandatory Water Rationing** - Customers' water usage will be reduced to **25%** of their base water usage amount if the reservoir reaches **50 acre feet**



# Water Usage with Visitor Counts

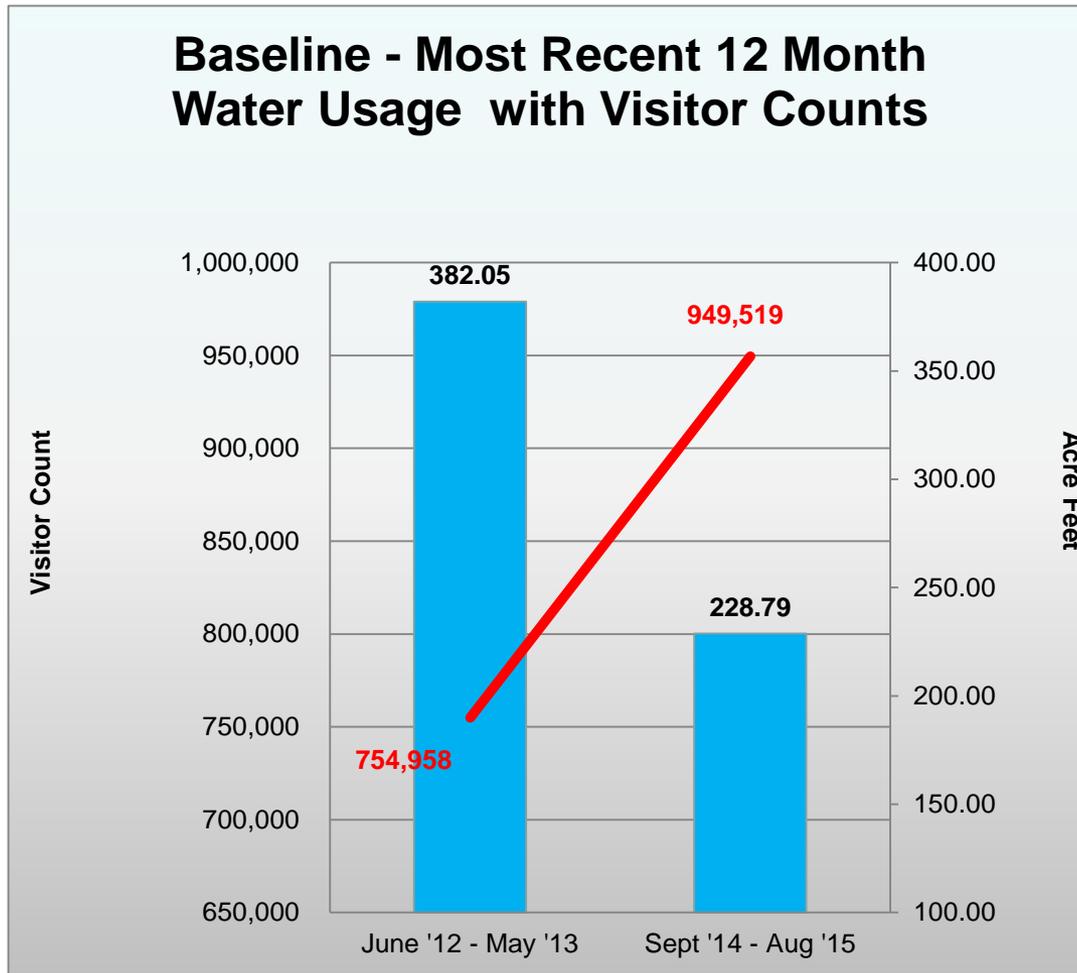
## August 2015 Compared to Baseline



■ August Usage ↓  
48.06% from baseline

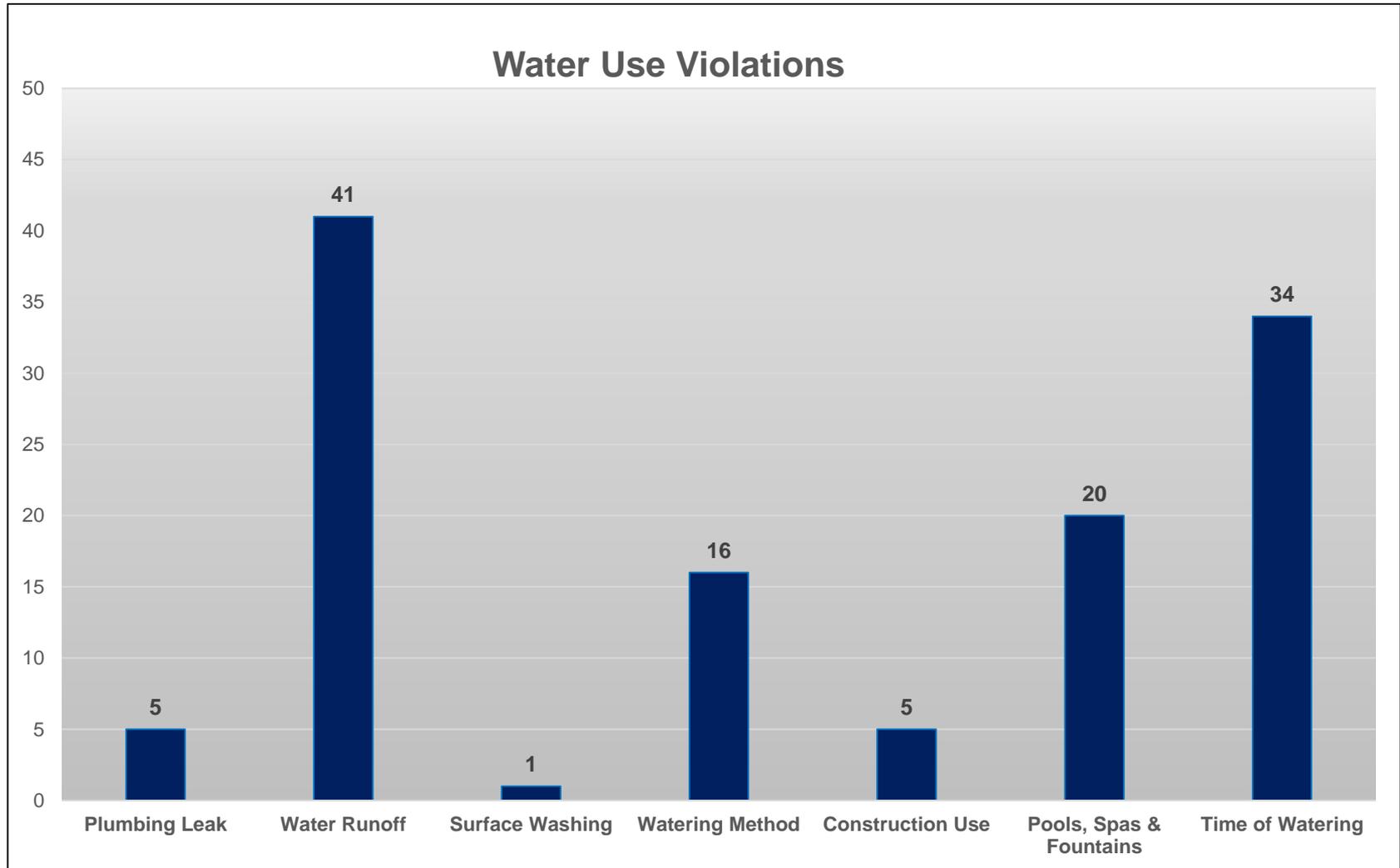
■ August Visitors Counts  
↑ 20.95% from baseline

# Water Usage - Stage 2 (Previous 12 Months) Compared to 2012-13 (Baseline)



- Sept '14 – Aug '15 Usage  40.12% from 2012 Baseline
- Sept '14 – Aug '15 Visitors  25.77% from 2012 Baseline

# Water Use Violations – 109 Violations (As of September 15, 2015)

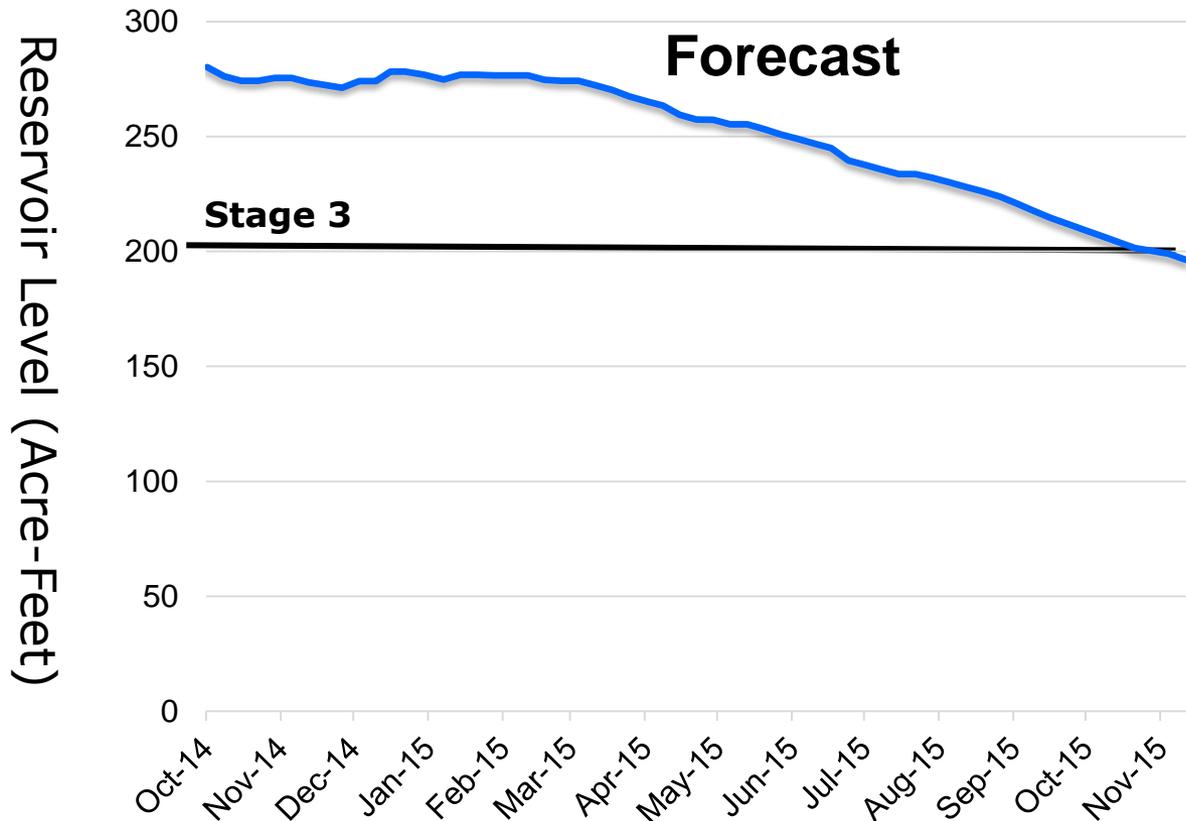


# Water Allotment Violations – Flow Restrictors Issued



# Stage 3 Forecast

Continued 25% Rationing Results Assumed



Forecast Stage 3

November 2015

*Based on 3 year monthly average water sales with little or no rainfall.*

# Additional Desalination Project



# Additional Desalination Project

## Current Progress and Schedule (Subject To Change)

### Contracting

- Awarded contract for preliminary engineering and site investigation (June 10)
- Procured RO Unit (July 9)
- Awarded engineering & construction contract (July 10)

### Permitting

- Received Division of Drinking Water approval of project concept (June 23)
- Received letter from LACRWQCB confirming that an NDPEs permit is not needed (June 29)
- Received California Coastal Commission Immaterial Amendment/Permit (July 10)
- Receive Division of Drinking Water permit to operate **(expected November 1)**

### Engineering

- Completed 30% design (June 25)
- Completed 60% design (July 9)
- Complete 90% design (July 31)

### Installation

- Construction kickoff (July 13)
- Complete civil work (August 23)
- RO Unit arrived in Long Beach (August 10), Delivery to Catalina (August 24)
- Complete mechanical and electrical Work **(October 16)**
- Start commissioning of new equipment **(October 7)**
- Commissioning complete, equipment ready to operate **(November 1)**

## For More Information

- If you have any general questions, a dedicated Catalina customer service representative can assist you at **1-800-367-8851** (*Monday through Friday 8:00 a.m. to 5:00 p.m.*).
  - Report potential water use violations
- **SCE's Web page for Catalina Island customers -** <http://www.sce.com/catalina>
  - Stage 2 FAQ and variance request forms also available

## Water Conservation Tips

- **Save Our Water** – <http://www.saveourh2O.org>