

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

**Avalon City Council  
November 17, 2015**

# Middle Ranch Reservoir Level Update

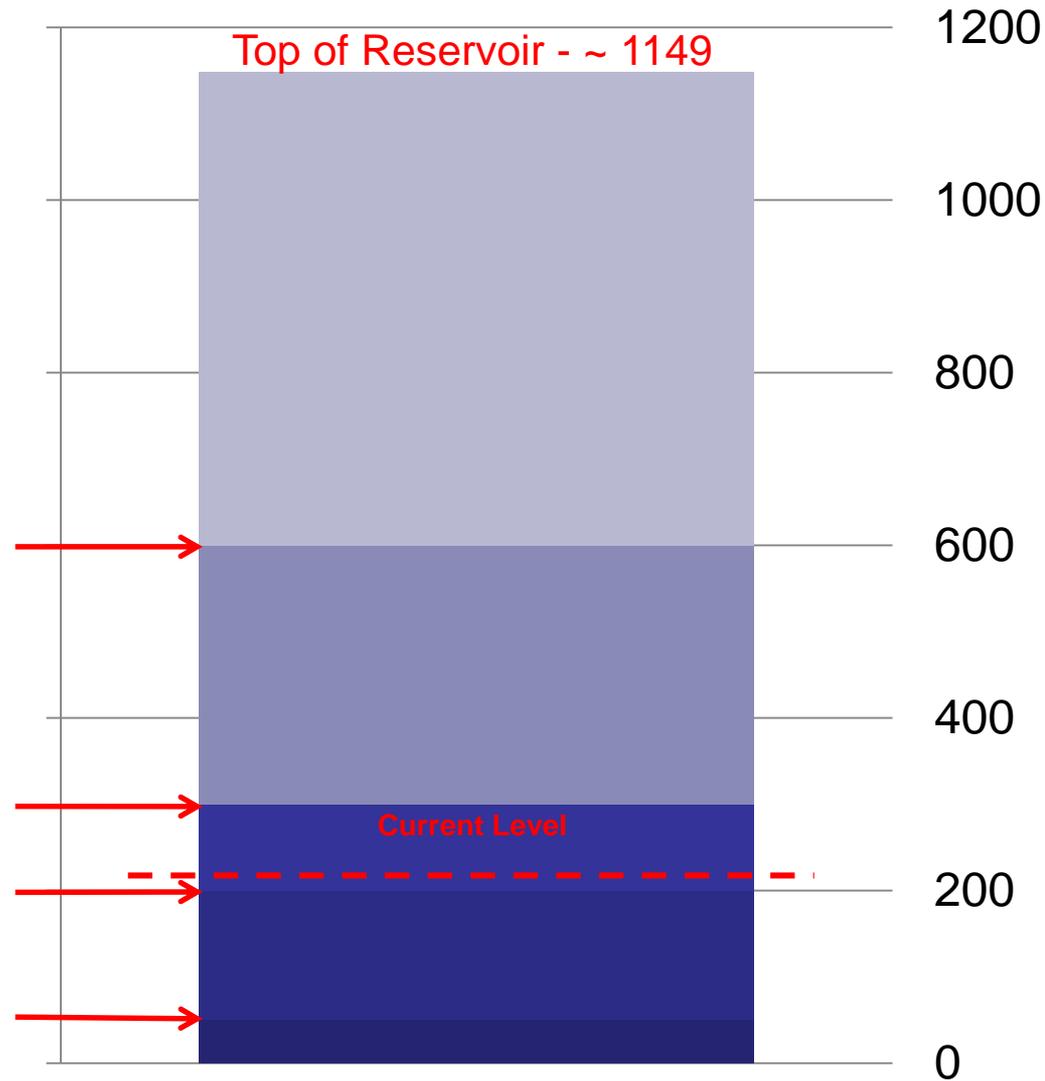
- Stage 2 Water Rationing began on August 11, which is triggered when the Middle Ranch Reservoir's water level falls below 300 acre
- As of November 12, 2015, the Reservoir water level was **207 acre feet**.

**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**

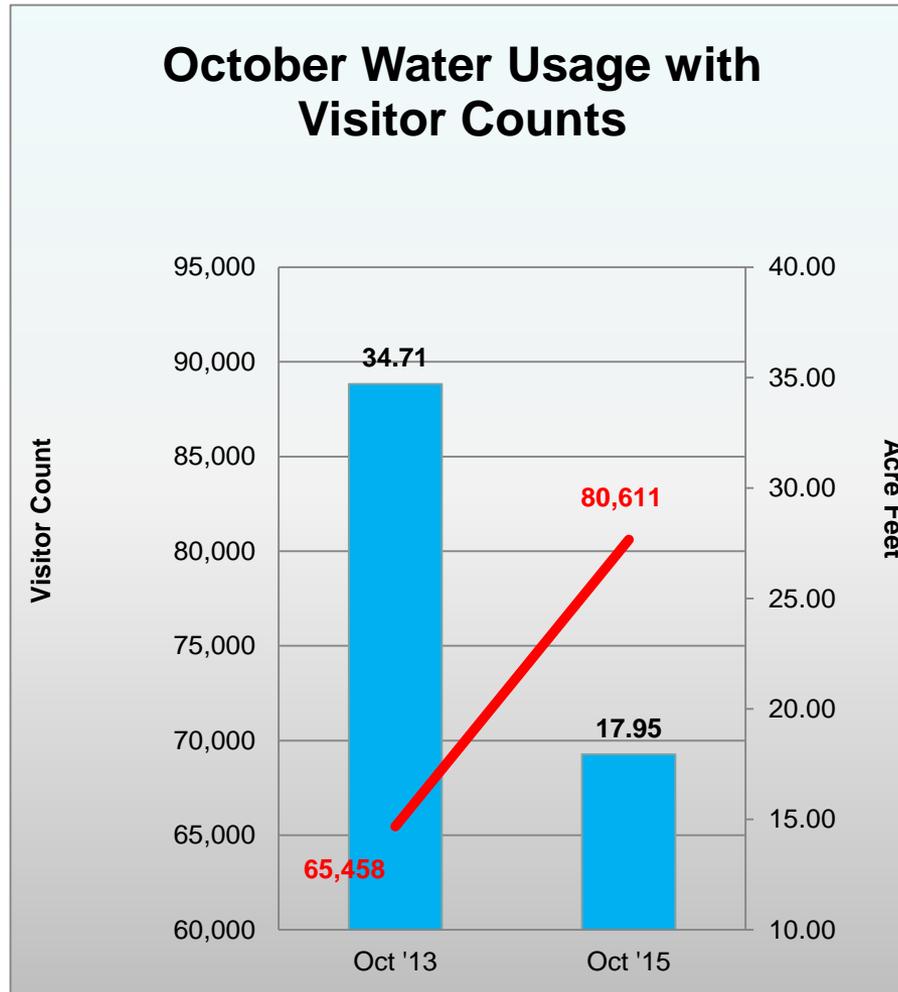
**Stage 3 Mandatory Water Rationing** - Customers' water usage will be reduced to **50%** of their base water usage amount if the reservoir reaches **200 acre feet**

**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

## October 2015 Compared to Baseline



■ October Usage  
 ↓ 48.29%  
 from baseline

■ October Visitors  
 ↑ Counts  
 23.15%  
 from baseline

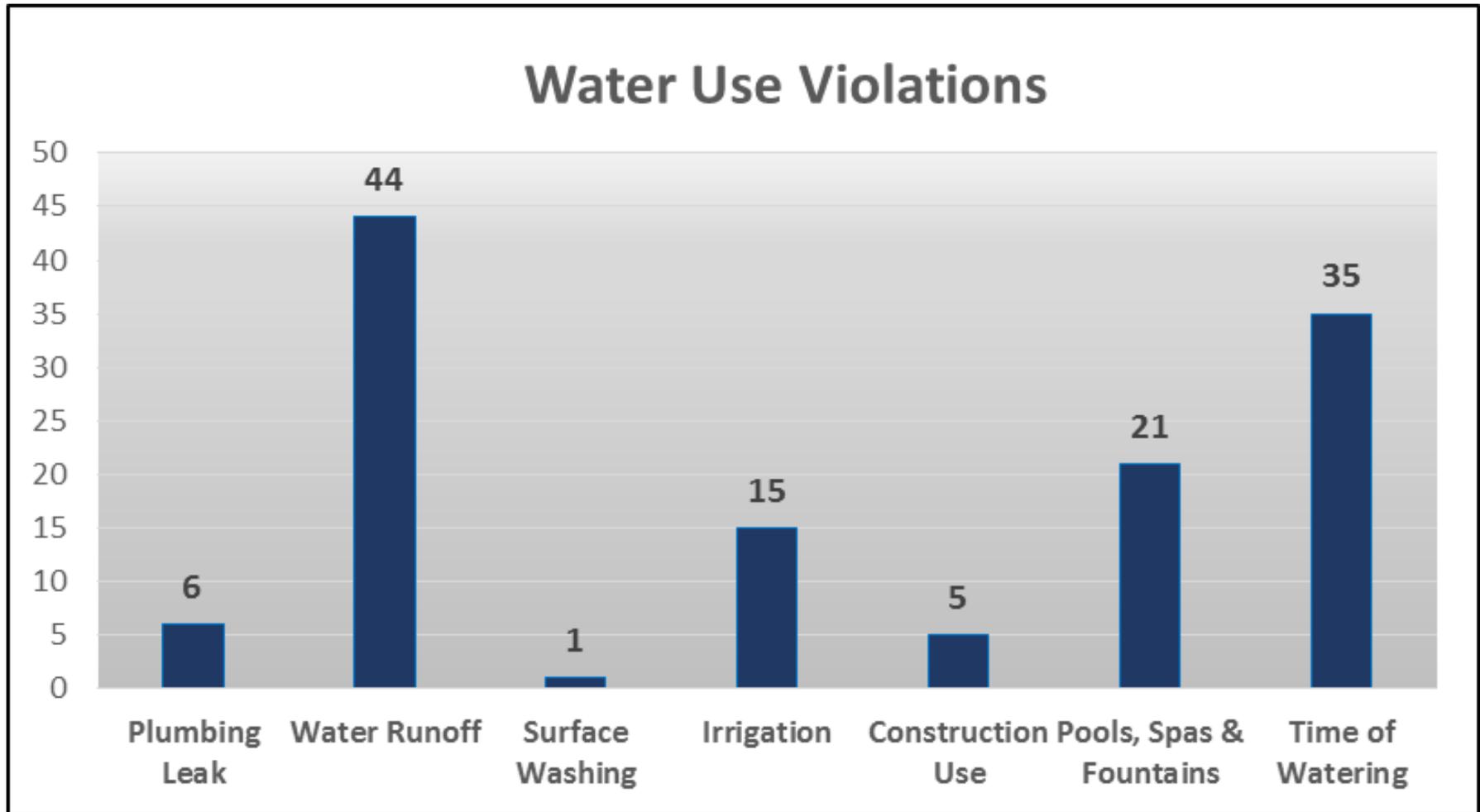
# Water Usage - Stage 2 (Previous 12 Months) Compared to 2012-13 (Baseline)

**Baseline - Most Recent 12 Month  
Water Usage with Visitor Counts**



- Nov '14 – Oct '15 Usage  
↓ 41.80%  
from 2012 Baseline
- Nov '14 – Oct '15 Visitors  
↑ 27.86%  
from 2012 Baseline

# Water Use Violations – 127 Violations (As of November 12, 2015)

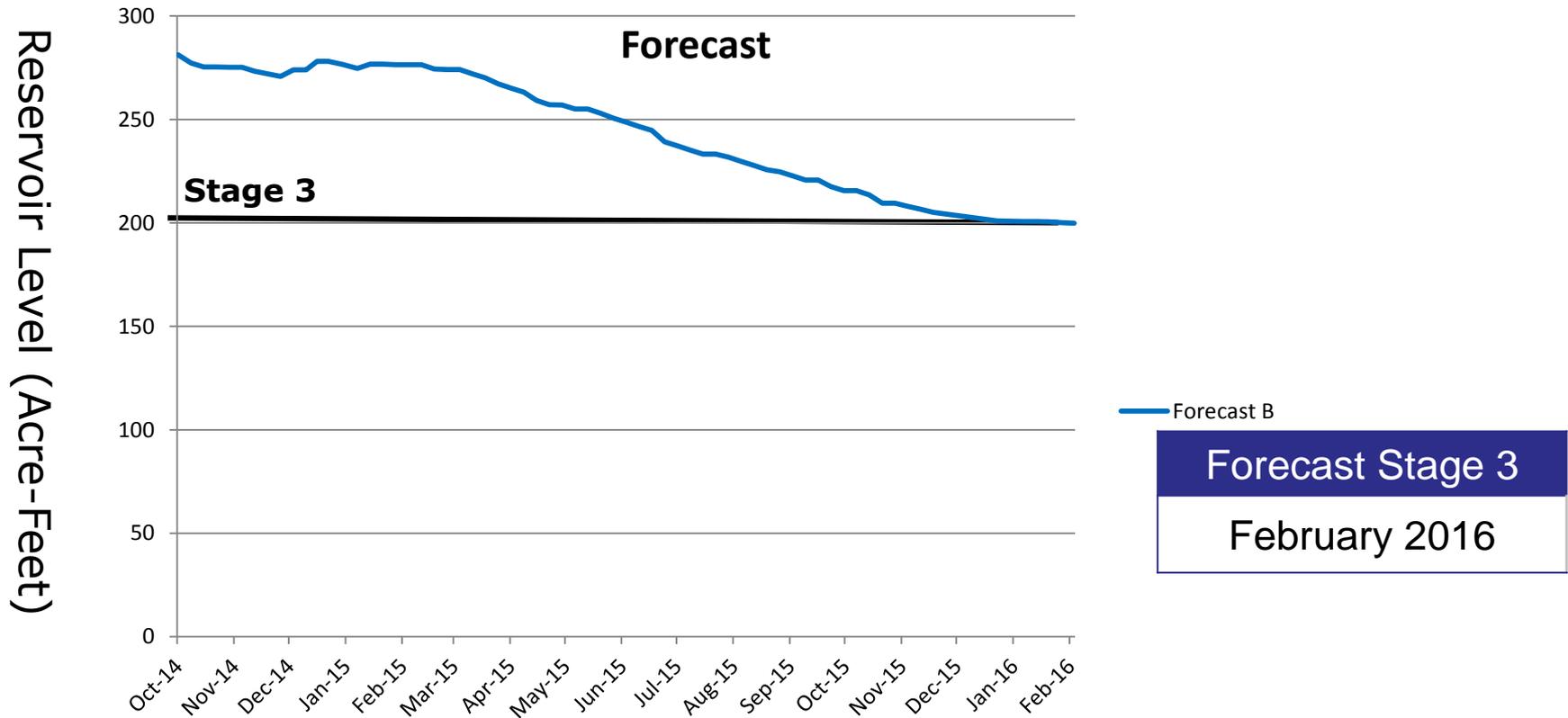


# Water Allotment Violations – Flow Restrictors Issued



# Stage 3 Forecast

Continued 25% Rationing Results Assumed



*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)
- **Submit Technical Report to Division of Drinking Water (week of November 16)**
- Receive Division of Drinking Water approval to operate **(week of November 23)**

### 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)
- Completed mechanical and electrical work (October 19)
- Start commissioning of new equipment (October 20)
- Commissioning complete, equipment ready to operate (November 13)

## 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>