

# Validated Water Loss Audits in California

California Water Commission  
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# Water Loss

- Every water system leaks.
- Real Losses
- Apparent Losses
- Cost

# Addressing Water Loss

- Reactive
- Proactive
- Consumer water supply side
- Water Supplier side

# Water Loss

California Department of Water Resources  
The Resources Agency

American Water Works Association  
California-Nevada Section



water conservation  
guidebook no. 5

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## Water Audit and Leak Detection Guidebook

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Manual of Water Supply Practices

**M36**

## Water Audits and Loss Control Programs



  
American Water Works  
Association

# Water Loss Reporting

- Current
  - California Urban Water Conservation Council
  - California Water Code Section 10631 (SB 1420, Statutes 2013/14)
- Future
  - California Water Code Section 10608.34 (SB 555, Statutes 2015/16)

# CWC 10608.34 (SB 555)

## DWR requirements:

- Establish water loss audit and water loss audit validation standards
- Establish technical standards for water loss validators and water suppliers conducting their own validations
- Establish reporting requirements
- Establish a website for posting validated audits
- Technical assistance

# CWC 10608.34 (SB 555)

## Urban Retail Water Suppliers:

- Perform annual audits
- Validate water audits
- Report improvements and BMPs taken to improve system efficiency
- Submit to DWR by October 1, 2017 and annually thereafter

# CWC 10608.34 (SB 555)

## Water Boards:

- Technical Assistance
- Performance standards no earlier than 2019.

## Outreach

- Three Stakeholder meetings (DWR)
- Water Loss Technical Assistance Program (CA-NV AWWA, funded by Water Boards)

# CWC 10608.34 (SB 555)

- Timeline:
  - OAL submittal – November
  - Register Publication: December – January
  - Public Hearing: January
  - Approval: February