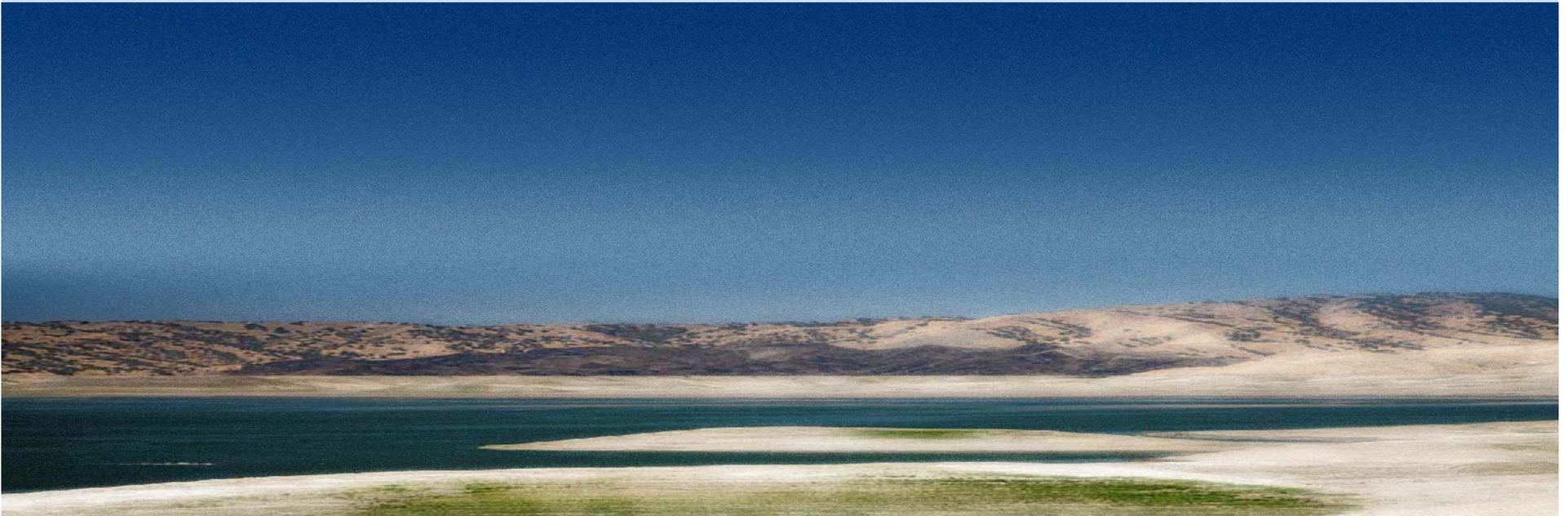


DOCKETED

Docket Number:	16-OII-01
Project Title:	Order Instituting Informational Proceeding for Drought Executive Order B-37-16
TN #:	213954
Document Title:	Presentation - Water Loss Detection and Control Technologies
Description:	Workshop Presentation by Department of Water Resources Staff: Todd Thompson
Filer:	Sean Steffensen
Organization:	Department of Water Resources
Submitter Role:	Public Agency
Submission Date:	10/11/2016 8:49:06 AM
Docketed Date:	10/11/2016

Water Loss Detection and Control Technologies

California Energy Commission Workshop



Validated Water Loss Audit Reporting

Presented By:

Todd Thompson, Agricultural and Civil Engineer

Water Use Efficiency, DWR

WATER CODE SECTION 10608.34

WATER LOSS IN BRIEF

- The water loss universe
- Water losses are inevitable
- Water losses are fixed when it makes fiscal sense
- Two types of water loss:
 - Real (leaks, breaks, etc.)
 - Apparent (meter errors, fire flows)
- UWMPs 2015

SB 555

- Chaptered October 15, 2015
- Added Section 10608.34 to Water Code
- Requires Annual Reporting by Urban Retail Water Suppliers
- Requires DWR to perform rulemaking
- Requires SWRCB and DWR to provide assistance

WATER CODE SECTION 10608.34

URBAN RETAIL WATER SUPPLIERS

- New annual reporting by urban retail water suppliers by Oct. 1, 2017
- Reporting validated water loss audits and control measures to DWR
- AWWA Manual M36, *Water Audits and Loss Control Programs* and the Free Water Audit Software, version 5.0.
- Training and certification

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DEPARTMENT OF WATER RESOURCES

- Draft regulations by January 1, 2017 for:
 - Audit Conduct
 - Validation Conduct
 - Technical Requirements for Validators
 - Validated audit report submission
 - Audit review
- Provide Technical Assistance
- Update Regulations, as necessary

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STATE WATER RESOURCES CONTROL BOARD

- Provide assistance
 - TAP Program

- Establish water loss performance standards by 2019

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DWR EFFORTS TO DATE

- Stakeholder meetings:
 - July 22
 - August 19
 - September 12
- Stakeholder members
 - Water agencies (public and private), environmental, association representatives,
- Preparing to take the draft public (October/November)

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RAMIFICATIONS FOR TECHNOLOGY

- Higher attention to losses statewide
- Higher demand for water loss detection
- Technology needs for both real (leaks) and apparent (e.g., meter calibration) water loss technologies

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Thank you!

Website: <http://www.water.ca.gov/wateruseefficiency/wlaudits/>

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