

Water Loss Audits

- Required by California Senate Bill 555
 - Urban retail water suppliers must perform annual Water Audit per AWWA M36
 - Water audit must be validated by a 3rd party certified Water Audit Validator
 - Submit validated water audit to the DWR annually
 - October 1 for CY filers
 - January 1 for FY filers



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Water Loss Audits

- Water Production
 - · Own productions sources
 - · In-Lieu production sources
 - · Production meter accuracy
- · Water Demand
 - · Customer metering and billing
 - · Customer meter accuracy
 - · Meter to billing process
 - · Authorized, but unmetered use
 - · Fire fighting, sewer cleaning, etc.
 - Theft
- Operations Data
 - Length of mains, system pressure, number of connections
- Cost Data
 - Operating expenses, Customer rates, Variable production cos

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Key Performance Indicators

| КРІ | What is It? | Mesa Water | Mesa Water® Rank in OC |
|---------------------------------------|---|---------------|-----------------------------|
| Real Losses (Gal/conn/day) (%) | Leaks that we see and repair Leaks that we don't see | 12.78 2.2% | 66 th Percentile |
| Infrastructure Leakage Index (ILI) | Theoretical minimum is 1 Leakage normalized to Miles of pipe System pressure Number of connections | 0.73 | 74 th Percentile |
| Data Validity Score | 3rd Party Validated assessment of audit data inputs | 79 | 96 th Percentile |

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Water Loss Program Status Summary

- 2.2% "Real Losses" is excellent
- Improvements in FY 2020
 - · Pressure survey to verify hydraulic model
 - Leak detection on 30 miles of pipeline
- Improvements in FY 2021
 - Route 600 large meter replacements and AMI/Cellular endpoints



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Questions and Discussion



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