

Asset Management Questionnaire

Urban retail water suppliers are required to complete this system-level questionnaire administered by the State Water Resource Control Board (California Code of Regulations, title 23, division 3, chapter 3.5, section 983). If a supplier has multiple systems, it must complete this questionnaire once for each system.

This system-level questionnaire asks for information on asset management practices.

* Required

Water System Information

The Water Board will reach out through the email provided if response clarifications are needed.

1. Name of the urban retail water supplier that owns the system for which you are completing this survey. *

2. Water system name *

If a supplier only owns one system, the supplier name and system name may be the same.

3. Water system number (Starts with CA with seven numerical digits; for example, CA1234567) *

Only one system (and system number) should be associated with this survey. Please complete this survey separately for each system owned by the supplier.

4. Submitter's name *

5. Submitter's email address *

Used for follow-up communication. Please be prepared to respond to emails.

Asset Management

Systematic, priority-based pipe replacement and other forms of asset management provide leakage reduction. Asset management is one of the four industry-established approaches for water loss control.

Though capital investment for asset management is planned based on several potential benefits and factors, several suppliers rely on asset management for their system to reduce water loss, and asset management remains a recommended and established approach for water loss control.

The questions below referencing distribution infrastructure are targeting main lines, service laterals and appurtenances such as valves, meters, air vac assemblies, hydrants, etc. The questions are not intended to capture asset management approaches for sources, storage, or treatment facilities.

6. Does your agency maintain records of breaks on different sections of main and other distribution infrastructure? *

- Yes, the agency maintains break history records.
- No, the agency plans to begin maintaining break history records by a certain year.
- No, the agency does not plan to maintain break history records in the next 10 years.

7. By what year are you planning to begin maintaining break history records? *

Number must be between 2024 ~ 2035

8. Which data fields pertaining to the distribution infrastructure components (for example, pipe sections, valves, meters, etc.) does your agency include in the break history record? *

- Geographical location
- Material or type as applicable
- Size
- Age
- Average operational pressure
- Maximum operational pressure
- Soil conditions
- Installation conditions
- Type of break (for example, longitudinal, circular, etc.)
- Time passed between reporting of break and repair
- Other

9. Please provide any other additional information regarding the maintenance of records of breaks on mains and other distribution infrastructure. *

10. Does your agency have an approach to identify and prioritize the replacement, rehabilitation, or protection of water distribution infrastructure components that break or leak frequently based on break history or consequence of failure? *

- Yes, the agency uses a prioritization approach for asset management.
- No, the agency plans to have a prioritization approach for asset management by a certain year.
- No, the agency does not plan to have a prioritization approach for asset management in the next 10 years.

11. By what year are you planning to have a prioritization approach for asset management? *

Number must be between 2024 ~ 2035

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12. On which system and environmental factors is your agency's asset management approach based? *

Answer only for the leak reduction portion of your asset management plan, if available.

- Break/failure/leak history of distribution infrastructure component
- Distribution infrastructure component material
- Distribution infrastructure component age
- Distribution infrastructure component size
- Maximum operating pressure
- Average operating pressure
- Occurrence of pressure transients
- Local soil conditions
- Other

13. Please provide any other additional information regarding this system's use of prioritization approaches in asset management. *

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