

MAKING WATER CONSERVATION A CALIFORNIA WAY OF LIFE

Update on 2018 legislation

Water Conservation and Drought Planning

SB 606 (Hertzberg) and AB 1668 (Friedman)



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2018 Water Conservation & Drought Planning

Senate Bill 606 and Assembly Bill 1668

- Interrelated bills that amend existing laws
 - Based Gov. Brown's Executive Order B-37-16
- Purpose
 - Climate change/drought resilience
 - Long-term water use efficiency
 - Water supply resiliency



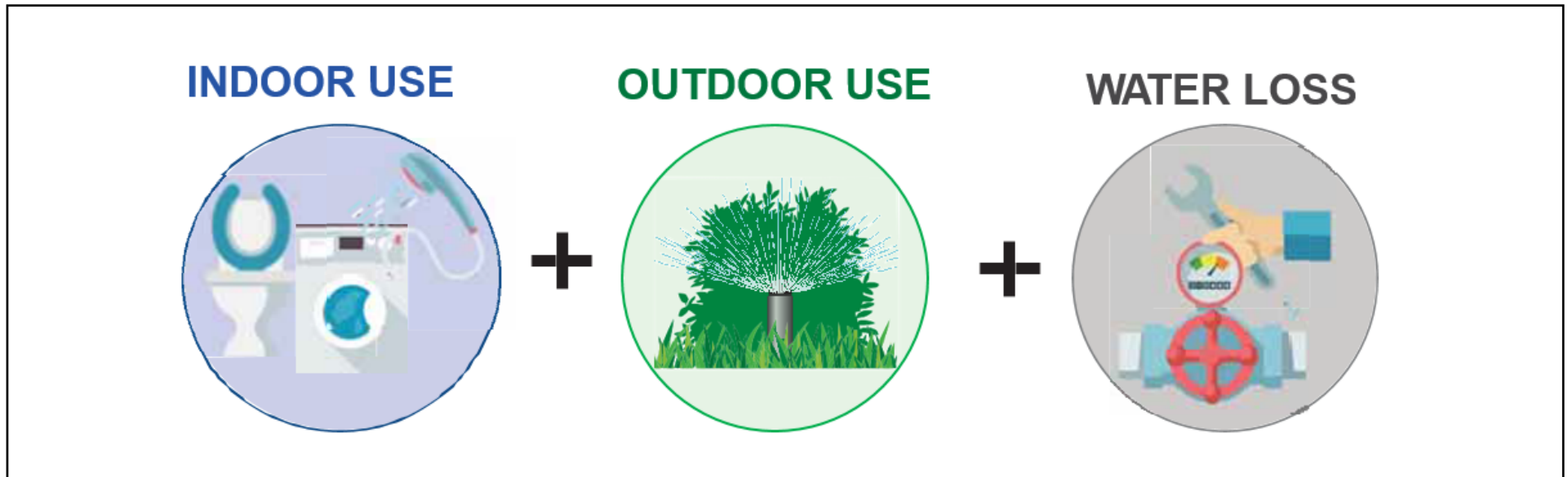
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Four Primary Goals

1. Use water more wisely
 - Water budget-based targets for retailers (not customers)
2. Eliminate water waste
 - Reduce water loss from retailer distribution system
3. Strengthen local drought resilience
 - Emergency declaration to be based on local supply
 - Drought resiliency and response planning and reporting
4. Improve agricultural water use efficiency & drought planning

Budget-based water objective



Aggregated target calculated and submitted by water retailers by 2023, to be achieved by 2027

- Compliance is based on retailer performance overall, not on individual customers or single category.

INDOOR USE

The standard for indoor residential water use is **55 gallons** per person per day multiplied by the population of the service area.



State Water Board and Department of Water Resources required to

- Conduct studies and investigations of residential indoor use
- Develop recommendations to Legislature by Jan 1, 2021



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OUTDOOR USE*

The standard for outdoor residential water use is based upon a community's **climate** and the **amount of landscaped area**.

State required to

- Provide landscape area (square footage) for residential parcels by Jan 2021
- Develop recommendations for CII landscapes served by dedicated irrigation meters by Oct 1, 2021

Landscape area

- DWR required to measure 410 urban retail water suppliers
 - Data due to retailers Jan 2021
- Two pilot studies:
 1. City of Santa Rosa and Padre Dam - complete
 2. Ten agencies (including NMWD) – underway



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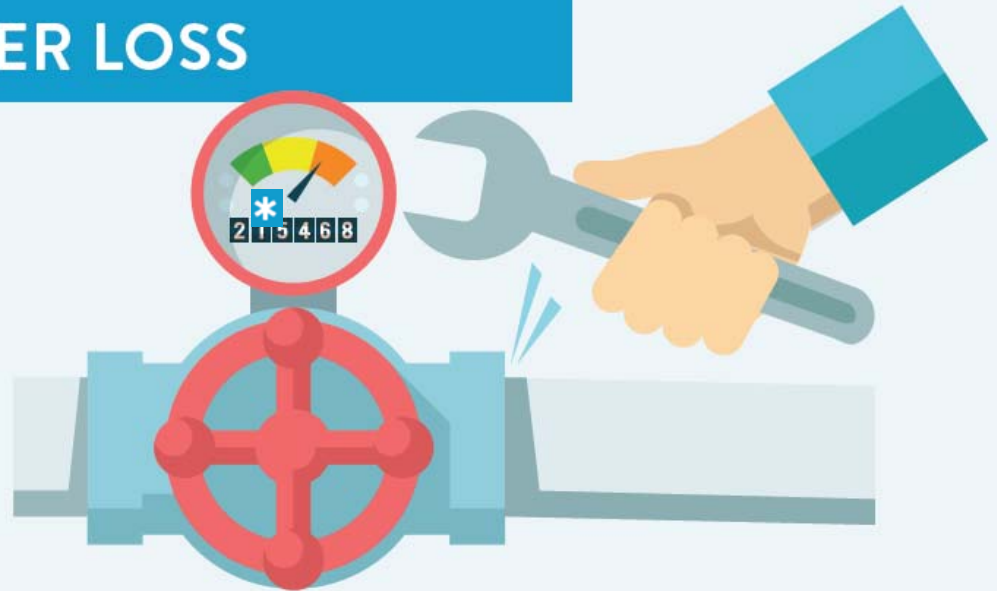
Urban Landscape Area Measurements



1. Classify landscapes into distinct categories
 - Buildings, driveways, pools, turf, trees and shrubs, etc.
2. Combine that data into broader categories
 - Irrigable – irrigated and not irrigated
 - Un-irrigable – hardscapes

WATER LOSS

The standard for water loss **due to leaks** in the water system pipes is still to be determined.



State to adopt water loss standard by July 1, 2020.

- Rulemaking in progress and stakeholder meetings being held.
- Allowable volume of water loss (AVWL) will be based on standardized cost/benefit analysis to determine “Economic Leak Level” for each agency.

CII Sector

Too diverse for sector-wide
CII water budget

DWR to develop performance
measures with public input by
Oct. 2021

- Grouped by CII classifications
- Best management practices
- Thresholds for converting
mixed use meters to
dedicated meters



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Mandatory Reporting

- Monthly
 - Water production, use, and conservation efforts (2019)
- Annual
 - Projections – upcoming year's water supply vs demand (2020)
 - Progress - toward objective (budget vs actual use) (2023)
- Five year
 - Urban Water Management Plan with new sections (2021)



[Home](#) > Applications > Public Water Systems > [Monitoring Reports](#)

Welcome to the **Urban Water Supplier Reporting Tool**. Registration tool. If you have registered on the DRINC Portal but do not see the report, please click on [Register](#).

The reporting tool accepts your monthly **Urban Water Supplier Monitoring Report**.

- The system will log you off after 60 minutes of non-activity. You can extend the session in case you need more time.
- Help is available to explain each question by clicking on the [Help](#) link.
- A Guidance Document for Urban Water Supplier Monitoring is available at http://www.waterboards.ca.gov/water_issues/program/drinc/guidance_document_for_reporting.htm
- To correct a reporting error, you can edit the report by clicking on the [Edit Report](#) link, or re-submit the Monitoring Report; you can only submit one report for each reporting month.
- Upon submission, you will receive an email acknowledgment.
- For assistance with the DRINC portal, please email the drinc@waterboards.ca.gov.

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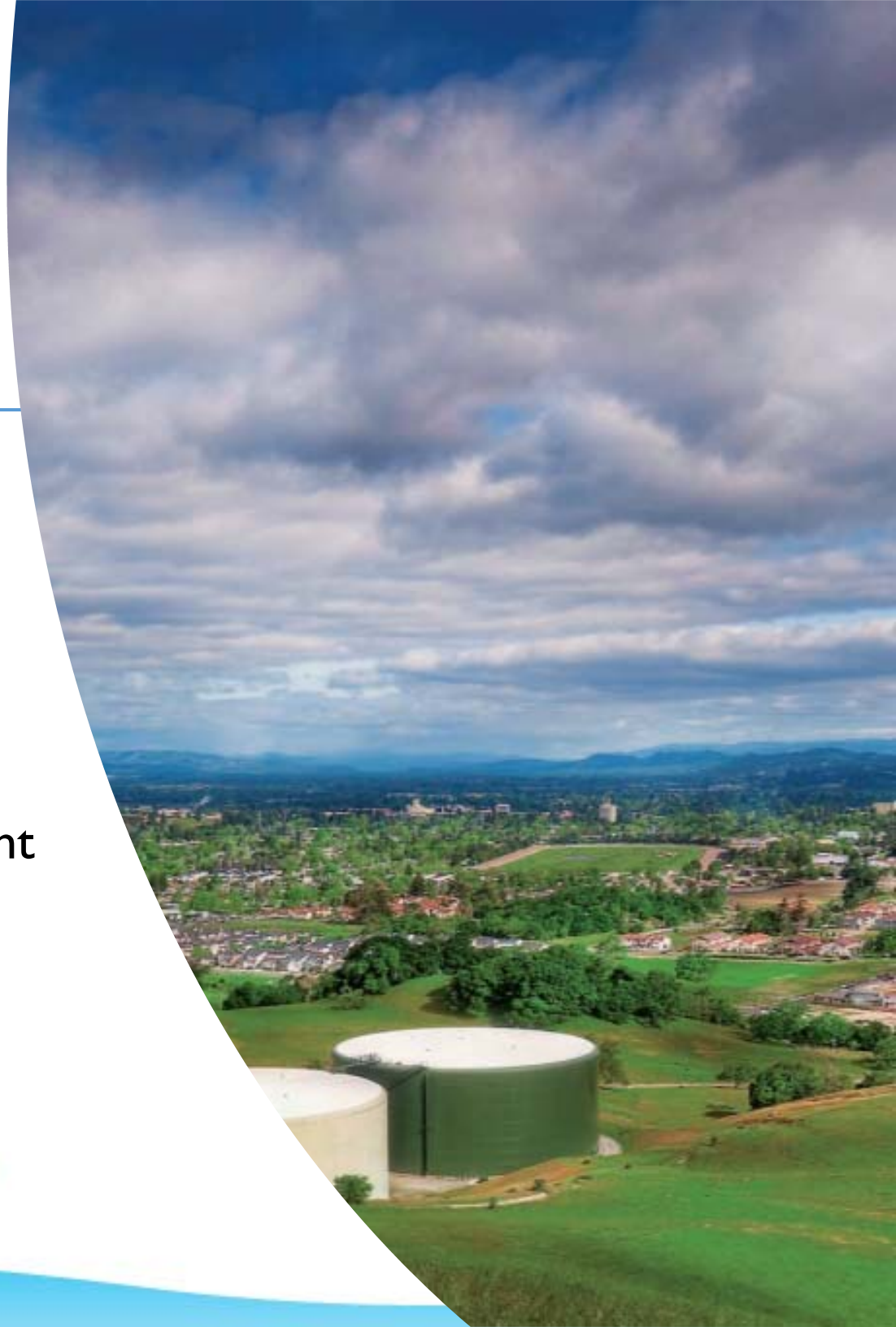
Urban Water Management Plans

New requirements

- 5-year drought assessment
- Standardized levels for water shortage contingency planning
- Strategies (demand management measures) for achieving water objective by 2027 (Jan 2024)



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Water Conservation Legislation Stakeholder Workgroups

- Landscape Area Measurement
- Model Water Efficient Landscape Ordinance
- Annual Water Supply and Demand Assessment
- Standards, Methodologies and Performance Measures
- Urban Water Management Plan Guidebook
- County Drought Advisory Group
- Data Streamlining
- Water Use Studies
- Wholesale Water Loss



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Questions



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