

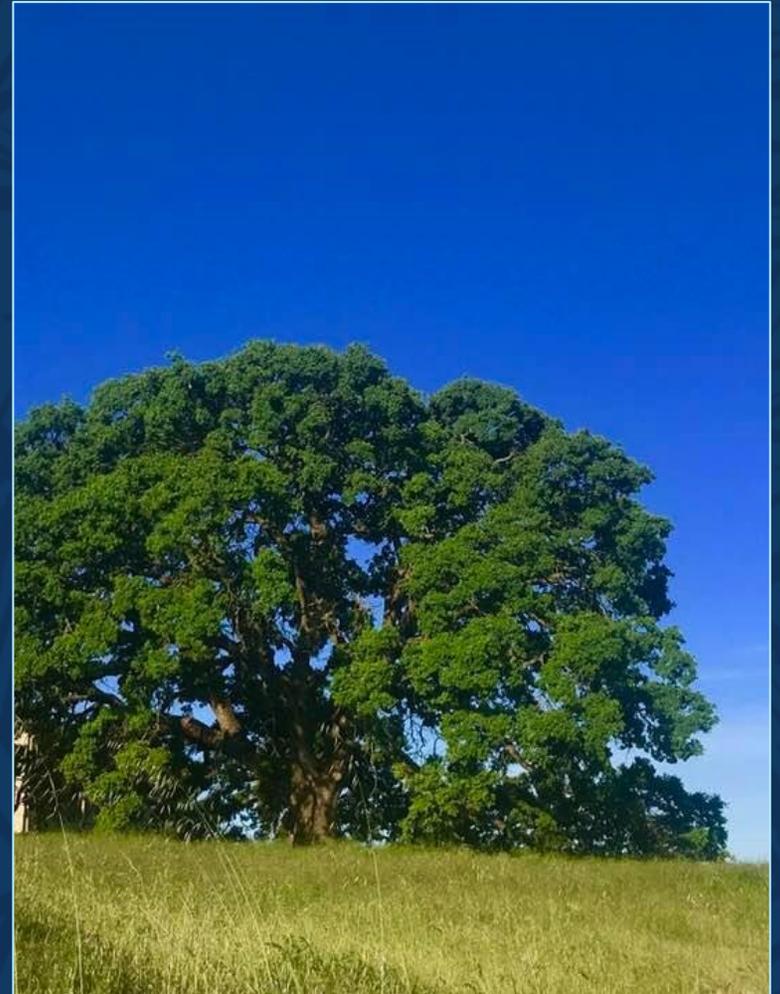
Implementing the 2018 Water Conservation Legislation- Water Use Studies

California Water Use Efficiency
Partnership
Winter Plenary
December 11, 2019

Peter Brostrom, Chief
Water Use and Efficiency Branch



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2018 Water Conservation Legislation

- Two bills signed into law May 2018
- Intent is to continue water conservation momentum and build upon lessons learned from 2012-2016 drought.
- Based on State Agency 2017 Water Conservation Framework Report



Key Elements in 2018 Legislation

Drought Resiliency

- Annual Water Supply Assessment
- Countywide drought planning for small water systems and rural communities

Agricultural Water Use Efficiency and Drought Planning

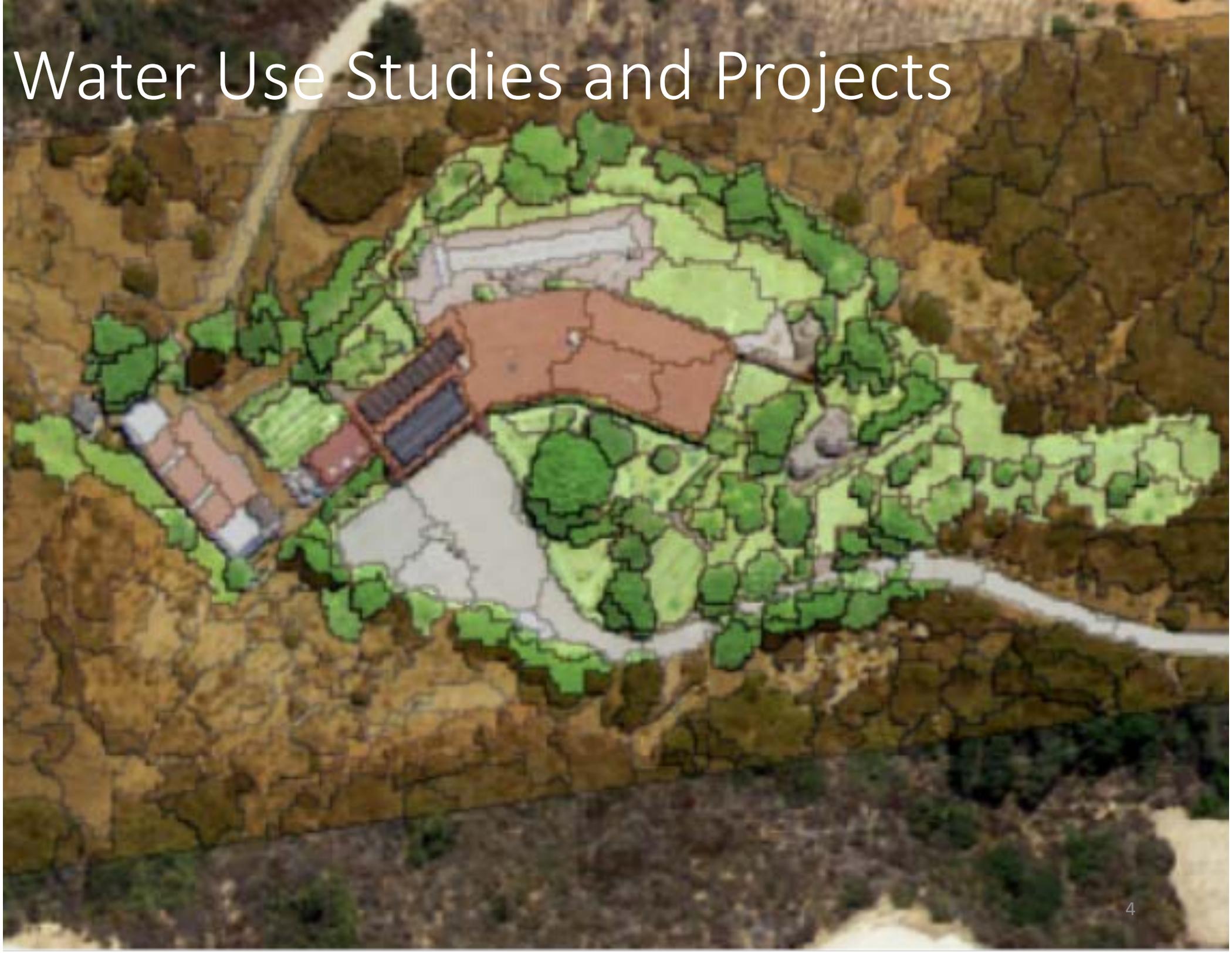
- Enhanced agricultural water management planning

Urban Water Use Efficiency

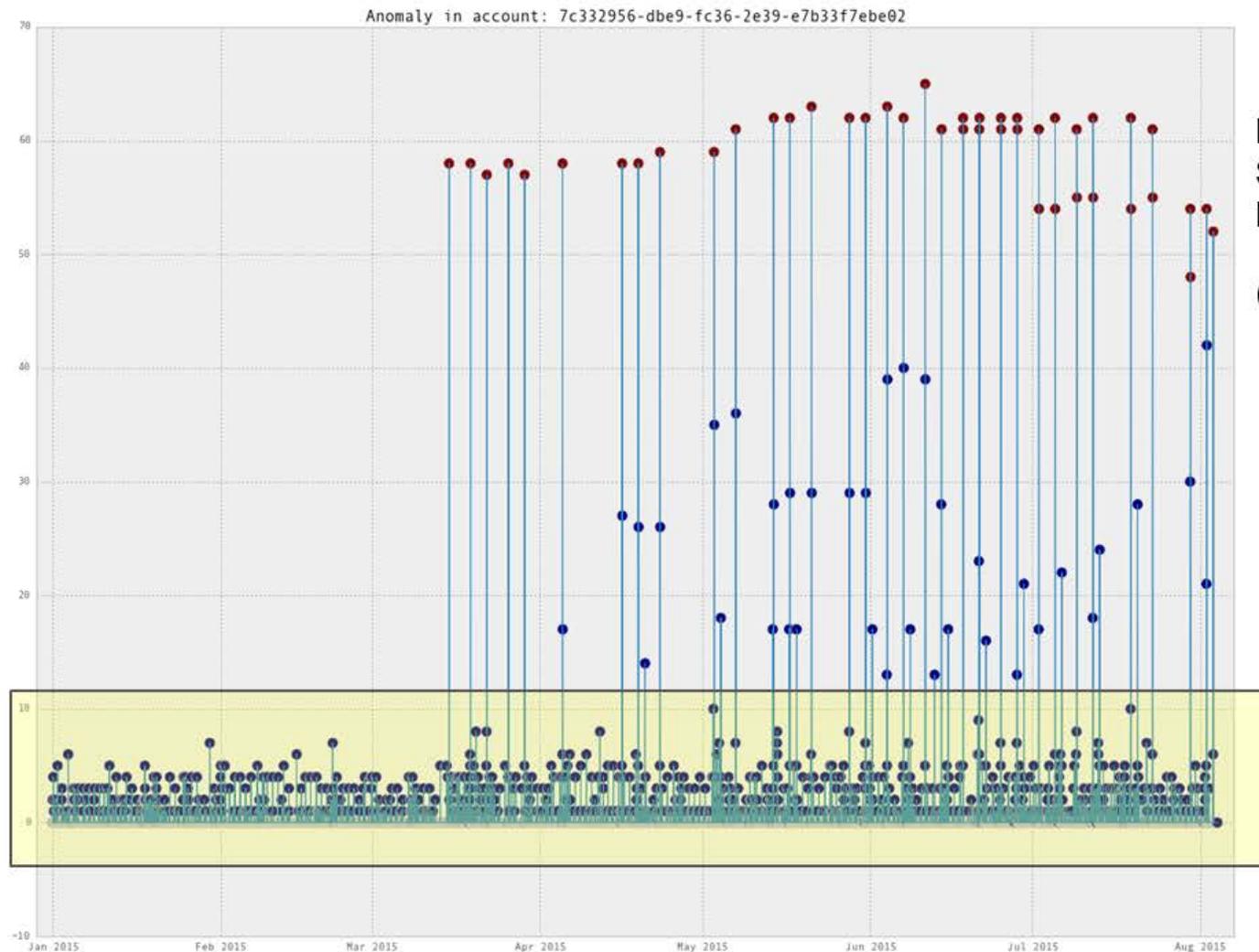
- Urban water use objectives based on water use efficiency standards
- Commercial, industrial, and institutional (CII) performance measures



Water Use Studies and Projects



Indoor Residential Water Use Study

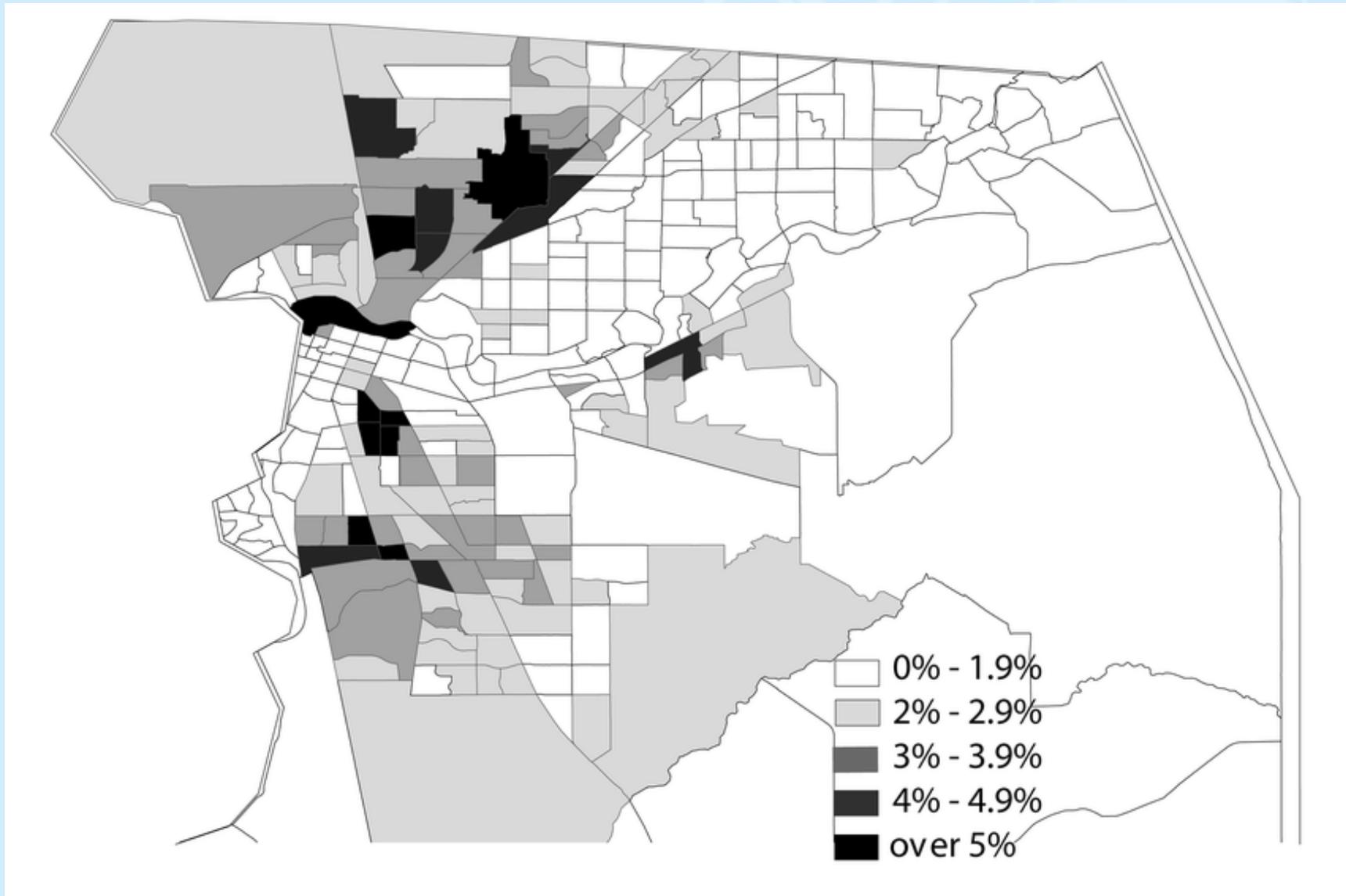


Bi-Weekly Spring &
Summer Irrigation
Events
(Residential)

Regular Daily Usage

X-axis scale in months

Sacramento County Census Tracts



Variances- Evaporative Coolers



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Variations- Seasonal Population



Vacation Rental of the Week:
Venice, California



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Other Water Use Studies

- Impact of lower indoor water use on wastewater flows and the availability of recycled water
- Water use requirements for landscape with high TDS recycled water
- Livestock water use
- Commercial, Industrial and Institutional (CII) Water Use Classification approaches



Commercial, Industrial and Institutional (CII) Performance Measures

- DWR directed to conduct studies and develop recommendations on CII performance measures. Performance measures may include:
 - CII water use classification systems
 - Water audits and/or water management plans
 - Dedicated irrigation account size threshold and alternative measurement systems
 - Other measures
- Shall support the economic productivity of CII sector



Landscape Area Measurement

New technology and process

- Validating pilot project results
- Learning and adjusting
- Landscape Area Workgroup Meeting is being planned for late January



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Stakeholder Outreach

Workgroups

1. Urban Landscape area
2. County Drought
3. Wholesale Water Loss
4. Water Use Studies
5. Standards, Methodologies and Performance Measures
6. Urban Water Management Plan Guidebook
7. Annual Water Supply Assessment
8. Model Water Efficient Landscape Ordinance
9. Agricultural Water Management Plan Guidebook
10. Data Submittal



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