



*The following information comprises the minutes for a special meeting of the City Council, a joint meeting of the Banning City Council and Banning Utility Authority and a joint meeting of the Banning City Council and the Banning City Council sitting in its capacity as the Successor Agency Board.*

**MINUTES  
CITY COUNCIL**

**12/12/2023  
SPECIAL MEETING**

COUNCIL MEMBERS PRESENT: Council Member Sheri Flynn  
Council Member Reuben Gonzales\* *Arrived at 4:57 p.m.*  
Council Member Rick Minjares  
Mayor Alberto Sanchez  
Mayor Pro Tem Colleen Wallace

COUNCIL MEMBERS ABSENT: None

OTHERS PRESENT: Doug Schulze, City Manager  
Serita Young, City Attorney  
Marie Calderon, City Clerk  
Caroline Patton, Administrative City Clerk  
Art Vela, Director of Public Works  
Nate Smith, Deputy Director of Public Works

**1. CALL TO ORDER**

Mayor Sanchez called the special meeting to order at 4:31 p.m.

1.1 Roll Call

COUNCIL MEMBER	PRESENT:	ABSENT
Flynn, Sheri	X	
Gonzales, Reuben*	X	
Minjares, Rick	X	
Sanchez, Alberto	X	
Wallace, Colleen	X	

*\*Arrived at 4:57 p.m.*

**2. PUBLIC COMMENT – Agenda Items**

None

**3. WORKSHOP**

3.1. Discussion Regarding California's Making Conservation a California Way of Life  
Proposed Regulatory Text

Art Vela, Director of Public Works, presented the staff report.

Jazmine Molloy, Consultant, presented to City Council.

**4. ADJOURNMENT**

The Special City Council meeting adjourned at 5:38 p.m.

Minutes Prepared by:



Caroline Patton, Administrative City Clerk

*These minutes have been prepared as **Action Minutes** in accordance with City Council Resolution 1995-21 and Government Code Sections 36814, 40801, and 54953(c)(2).*

**This entire meeting and all associated documents may be viewed here:**  
<http://banning.ca.us/755/Agendas-and-Minutes---2024-to-Present>

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**ATTACHMENTS:**

**Exhibit A – Agenda Item 3.1: Staff Presentation**

# Exhibit A

CITY OF BANNING

LEGISLATIVE OVERVIEW



**EAGLE AERIAL  
SOLUTIONS**

JAZMINE MOLLOY

*DIRECTOR OF PRODUCT  
DEVELOPMENT*

# SB 606 & AB 1668

## How Did We Get Here...



### 2016

- Governor Brown Issued Executive Order B-37-16 entitled “Making Conservation A California Way of Life”

### 2018

- Implementation Legislation: Senate Bill 606/Assembly Bill 1668
- Making Conservation A California Way of Life Primer Released

### 2022

- DWR recommendations released



## MAKING WATER CONSERVATION A CALIFORNIA WAY OF LIFE

Primer of 2018 Legislation on Water Conservation and Drought Planning  
Senate Bill 606 (Hertzberg) and Assembly Bill 1668 (Friedman)

### 2023

- Draft regulation from SWRCB released

PREPARED BY



California Department  
of Water Resources

AND

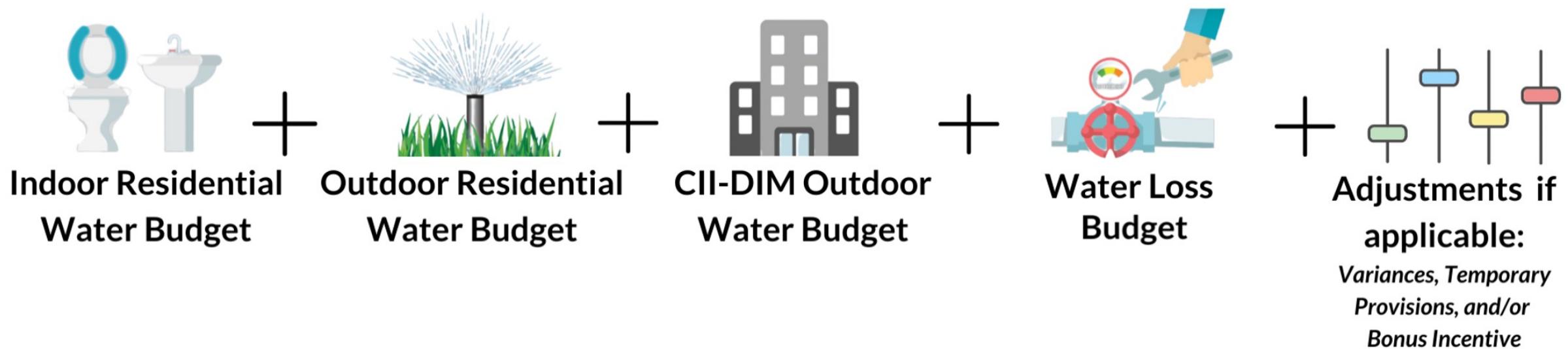


State Water Resources  
Control Board

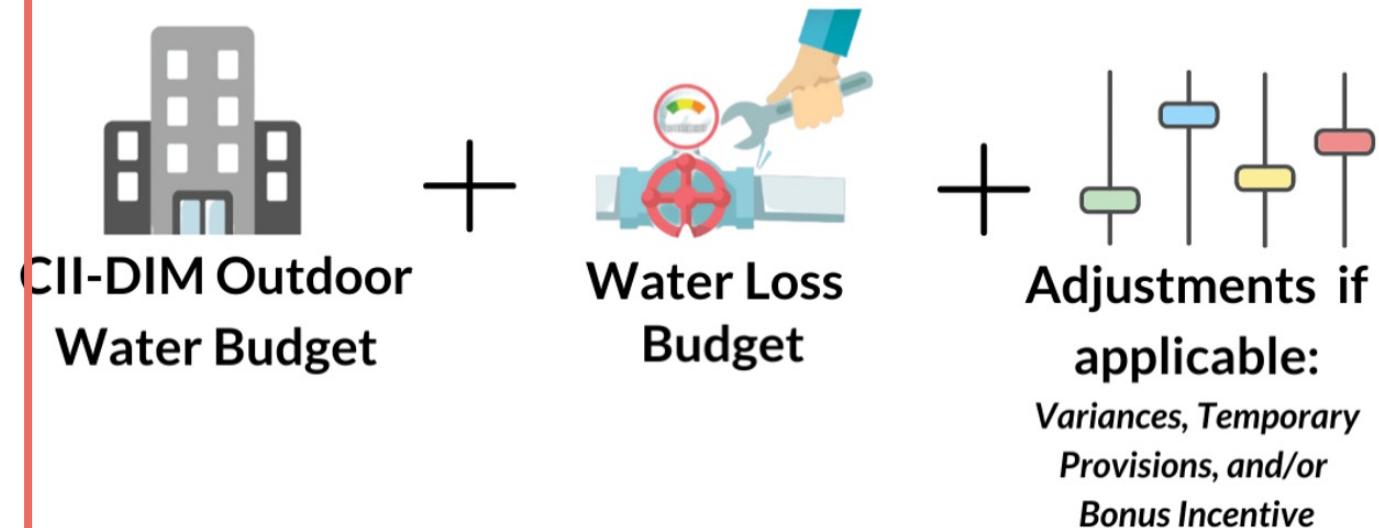
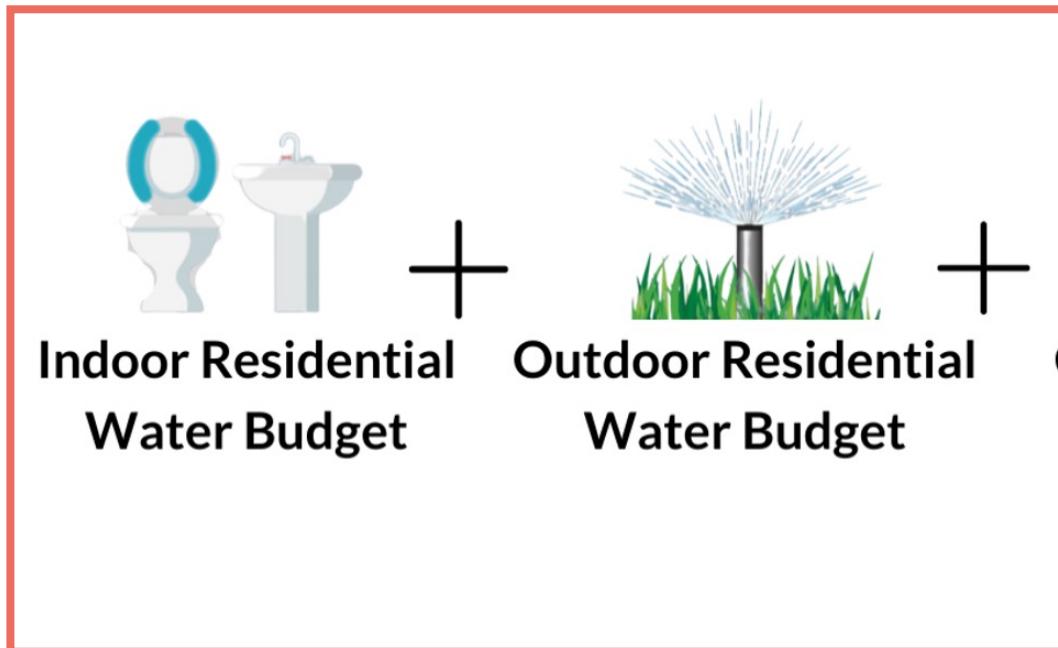
NOVEMBER 2018

# Urban Water Use Objective

SB 606 & AB 1668 – *Making Conservation a California Way of Life*



# Calculating the Urban Water Use Objective



## Residential Indoor Standard

### Indoor Standard (GPCD)

x

### Service Area Population

x

365 days

2020-2024: 55 GPCD

2025-2029: 47 GPCD

2030-onwards: 42 GPCD

Incremental  
Decrease



## Residential Outdoor Standard

### Supplier's Unique Climate

x

### Amount of Landscape Area

x

### Efficiency Factor

2023 – 2029 = 0.80 LEF

2030 and 2034 = 0.63 LEF

2035 onwards = 0.55 LEF

## Residential Indoor Standard

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## Residential Outdoor Standard

### Supplier's Unique Climate

x

### Amount of Landscape Area

x

### Efficiency Factor

2023 – 2029 = **0.80 LEF**

2030 and 2034 = **0.63 LEF**

2035 onwards = **0.55 LEF**

# LAM: Landscape Area Measurement

## Landscape Area Measurement

Developed using 2018, 4 band (NIR) aerial imagery + county assessor supplied parcel data



DWR provided this data to all water suppliers

# Residential Outdoor Standard

**Outdoor Residential Water Budget ( $R_{\text{outdoor}}$ ) =**

$$(\text{ETo-Peff}) \times \text{LA} \times \text{LEF} \times 0.62$$

"Net ETo"

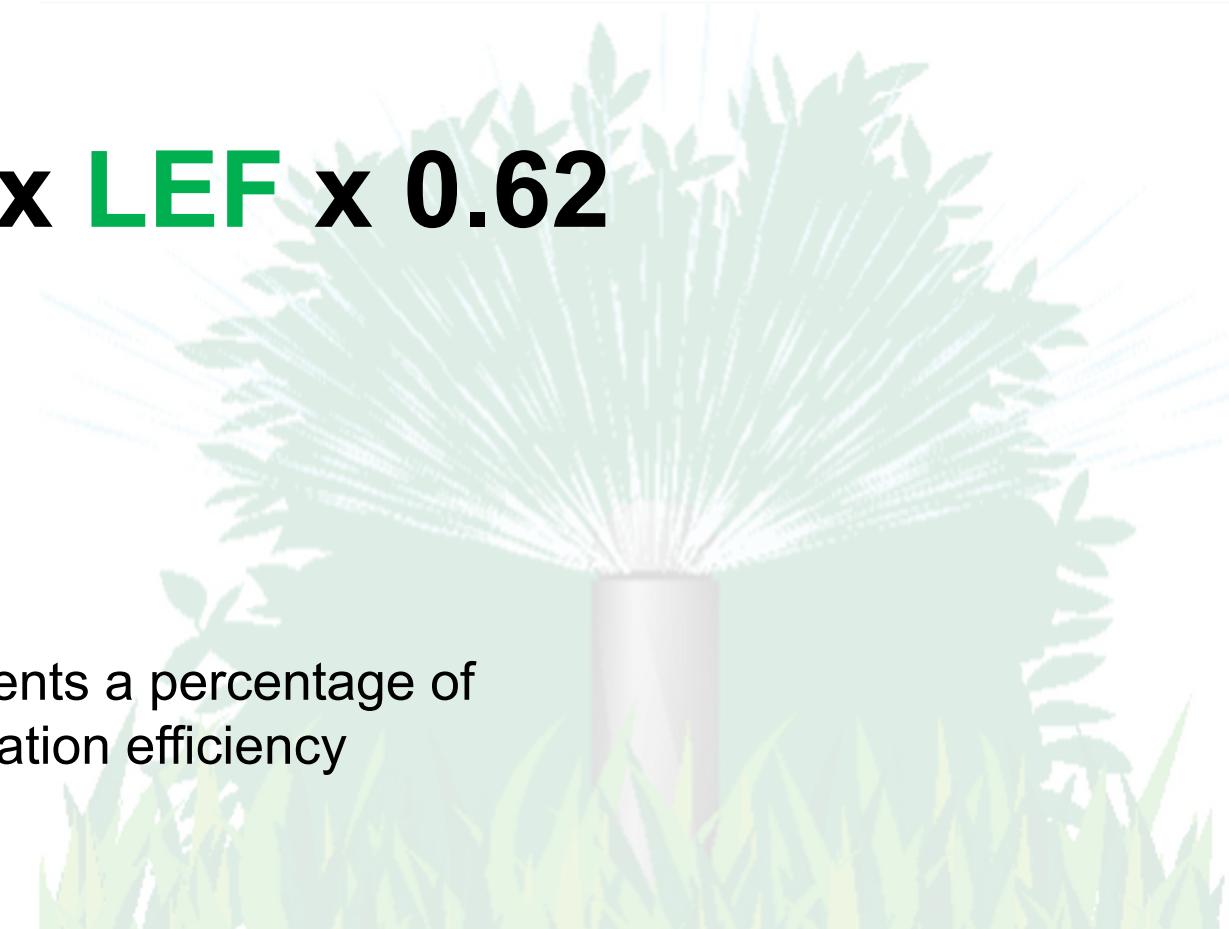
**ETo** = Reference evapotranspiration (inches)

**Peff** = Effective precipitation (inches)

**LA** = Landscape area for a water supplier (sq. ft)

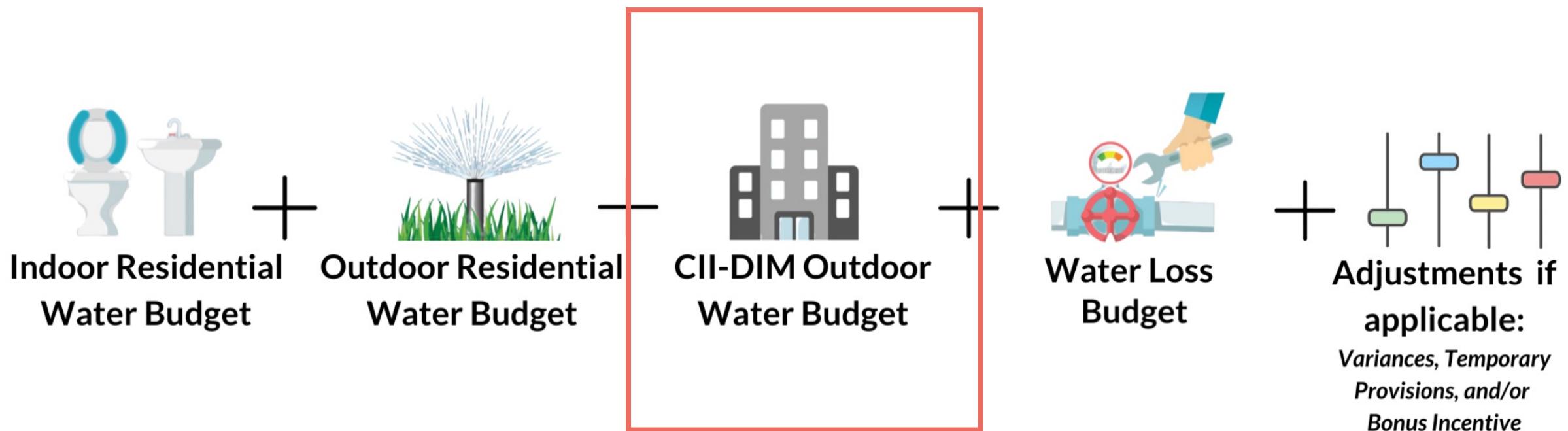
**LEF** = Landscape Efficiency Factor (unitless) represents a percentage of reference ETo; function of plants' water needs & irrigation efficiency

**0.62** = unit conversion factor



# Calculating the Urban Water Use Objective

**Providers cannot exceed the SUM of the standards**



# CII Water Use Standard

Commercial, industrial and institutional accounts are separated into two different regulations:

1<sup>st</sup>: UWUO based on  
**Dedicated Irrigation Meters (DIM)**

2<sup>nd</sup>: Performance Measures based on  
**Mixed Use Meters (MUM)**

# CII Outdoor DIM

$$((\text{DIM LA} - \text{DIM SLA}) \times \text{LEF}) + (\text{DIM SLA} \times 1.0) \times (\text{ETo-Peff}) \times 0.62$$

**2023 – 2029** = 0.80 LEF

**2030 - 2034** = 0.63 LEF

**2035 onwards** = 0.45 LEF

**New Developments** = 0.45

(or current MWELA ETAF value)

Incremental  
Decrease



**Special Landscape Areas (SLA)** = 1.0 LEF

# DWR Provides: CII Landscape Area



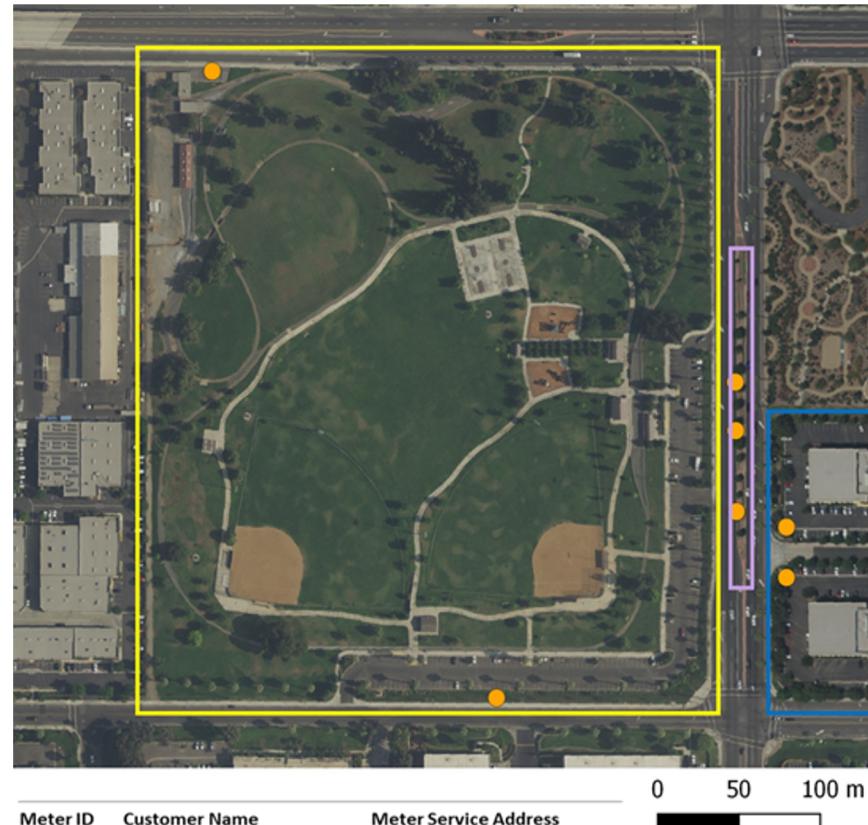
## LUCD Classification

- Impervious
- Pools
- Irrigated Canopy
- Irrigated Turf/ Cover
- Irrigable Not Irrigated Canopy
- Irrigable Not Irrigated Turf/ Cover
- Not Irrigable Vegetation
- Undeveloped Lands
- Horse Corrals
- Open Water
- Artificial Turf
- Agricultural Lands
- Parcel Boundary



Non-Functional Turf  
Functional Turf

# Dedicated Irrigation Meter Premise Delineation



Meter ID	Customer Name	Meter Service Address
01-012	CITY OF XX	1452 IOWA AVE
01-000	CITY OF XX	1422 IOWA AVE
01-202	CITY OF XX	1500 IOWA AVE
01-222	CITY OF XX PARKS AND REC	1486 COLUMBIA AVE
01-876	ABC PROPERTIES	1450 IOWA AVE
01-666	ABC PROPERTIES	1420 IOWA AVE
01-340	CITY OF XX PARKS AND REC	1375 MARLBOROUGH AVE

A premise is a series of meters that are adjacent owned by the same customer



# Performance Measures

## PERFORMANCE MEASURES

### In-Lieu Tech

- **=/> 500,000 gallons of water/year**
- **Demonstrate improved WUE**
- **Companion water management practices required**

### CII BMPs

- **5 BMP categories**
- **Classification required**
- **Top users targeted with BMPs**
- **NFT Ban**

✓ Qualitative Reporting

✓ Qualitative Reporting

## Mixed Use Meters (MUMs)



# Calculating the Urban Water Use Objective

**Providers cannot exceed the SUM of the standards**



# Water Loss Standard

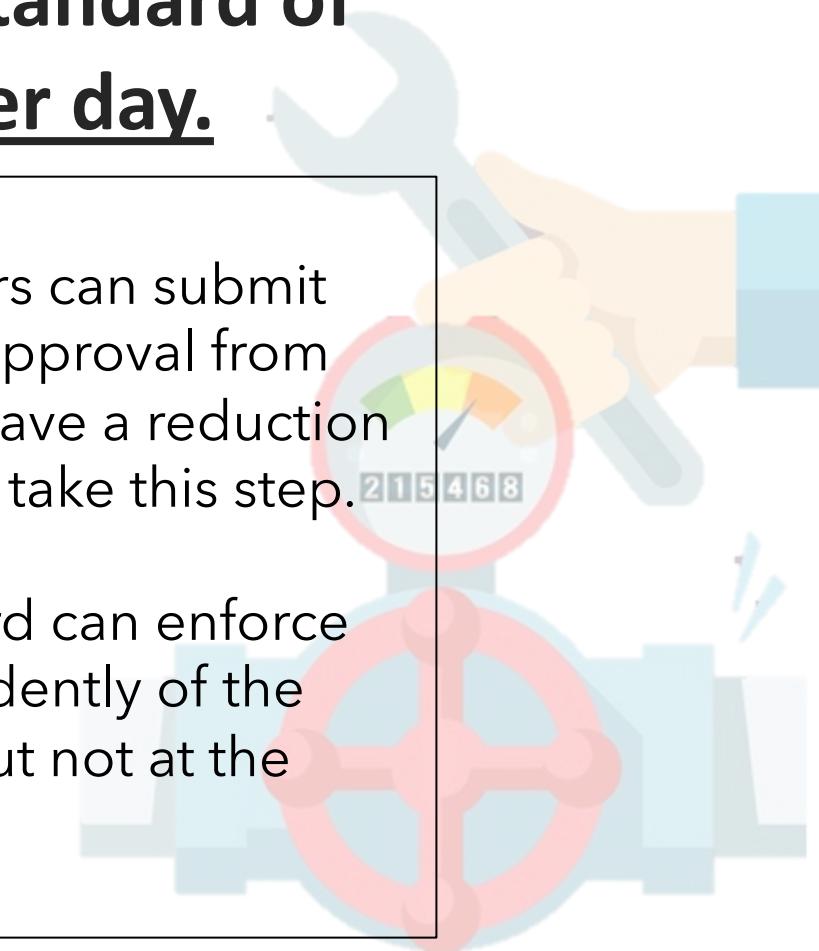
**The standard for water loss due to leaks in the water system pipes is based on a real loss standard of gallons per connection per day.**

## Key Points

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**Review your inputs:** Suppliers can submit changes to model inputs for approval from SWB to modify target. If you have a reduction required, we recommend you take this step.

**SB 555:** The State Water Board can enforce the water loss target independently of the overall water use objective.(But not at the same time!)



# Calculating the Urban Water Use Objective

**Providers cannot exceed the SUM of the standards**



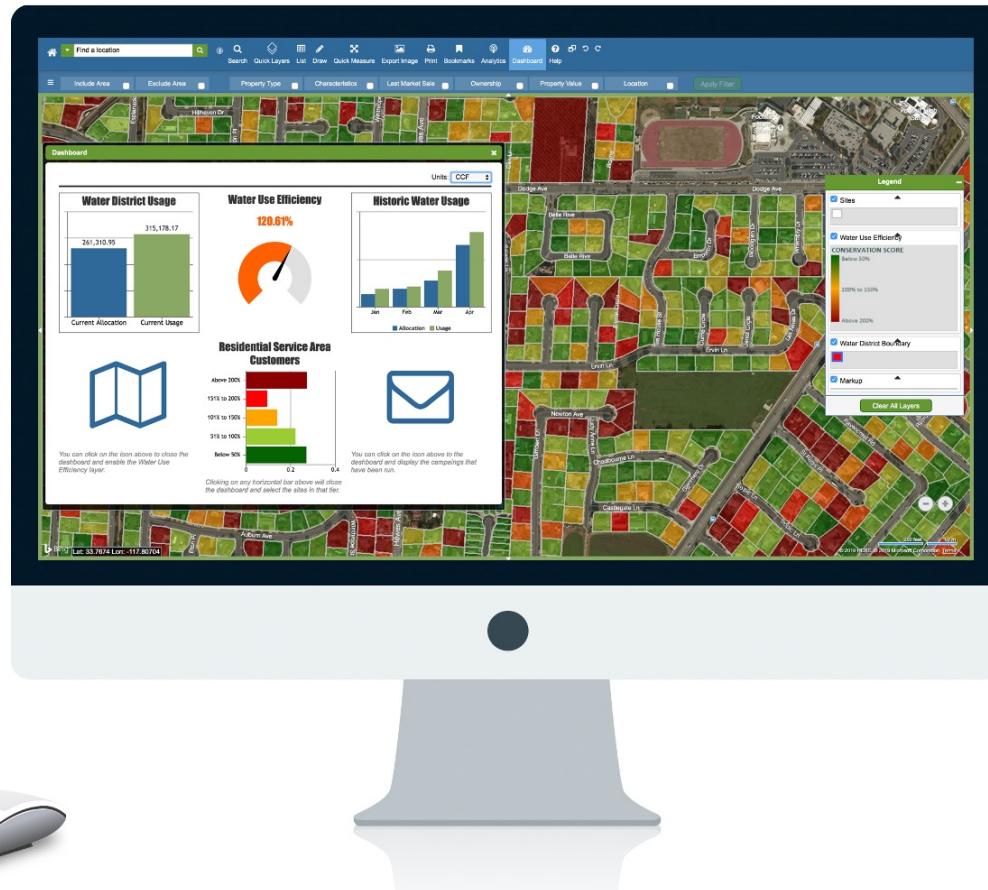
# Reporting – 1<sup>st</sup> report DUE JAN 1<sup>st</sup> 2024

An urban retail water supplier shall submit an **Annual Water Use Report** to DWR that includes:

- Urban Water Use Objective (UWUO)
- Actual urban water use
- Documentation of the implementation of the **performance measures** for CII water use
- Description of the **progress made** towards meeting the urban water use objective
- Validated water loss audit report

# WATERVIEW

Water Efficiency Software



THANK YOU



# QUESTIONS

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**Jazmine Molloy**  
Director of Product Development  
Eagle Aerial Solutions

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