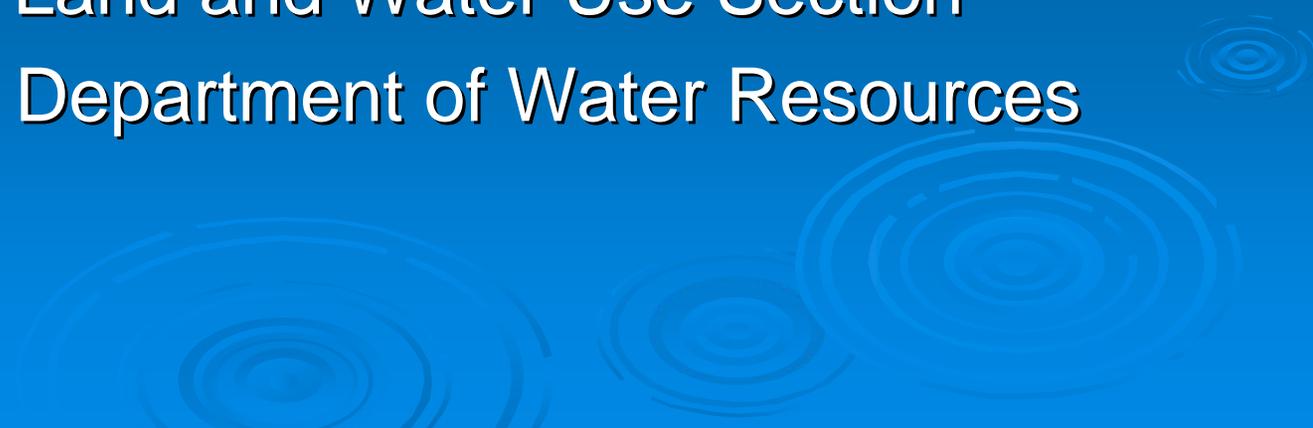


# **Urban Water Supplier SBx7-7 Water Use Reduction Compliance Steps**

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The background of the slide features several concentric, light blue circular ripples that resemble water droplets hitting a surface, scattered across the lower half of the page.

# Basic Steps

1. Develop base water use
  2. Choose a target method and develop urban water use target
  3. Report base and target water use in UWMP due July 1, 2011
  4. Report compliance water use in the 2015 UWMP
  5. Report compliance water use in the 2020 UWMP
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# Development of Water Use Information

1. Daily per capita water use
  2. Based on annual use (12 months)
  3. Gross water use
  4. Population
  5. Reported as Gallons/Person/Day
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# Base Water Use

Two methods could be used

Method 1 is an average of ten (10) consecutive years of water use data, those years between Jan.1, 1995 and Dec. 31, 2010

Method 2 can be used if 10% of their 2008 demand was met by recycled water. It is an average of between 10 and 15 consecutive years of water use data, those years between Jan. 1, 1990 and Dec. 31, 2010

# Target Water Use

Four methods could be used



# Target Water Use

Method 1:

It is 80% of base (a 20% reduction)



# Target Water Use

## Method 2:

Uses a combination of information:

Indoor residential of 55 Gallons/Person/Day water use

Irrigated landscapes (residential and dedicated meters) area is determined, and used with water efficiency standards of the model ordinance to calculate water use

CII water use is 90% of base CII water use

# Target Water Use

## Method 3:

It is 95% of the applicable state hydrologic region target as set forth in the State's 20x2020 draft plan



# Target Water Use

## Method 4:

A DWR-developed method that if adopted by every water supplier would result in a statewide water use reduction of 20% by 2020



# Base - Target Reduction

If the water supplier's base and target water uses results in a reduction of less than 5%, a new base and target must be developed



# New Base

The new base is an average of five (5) consecutive years of water use data, those years between Jan.1, 2003 and Dec. 31, 2010

# New Target

It is 95% of the new base (a 5% reduction)



# Compliance Water Use

Compliance water use is the actual water use for the final year of the two reporting periods, ending in 2015 and 2020



# Compliance Water Use Adjustment

A water supplier may adjust its compliance water use based on three sets of factors:



# Compliance Water Use Adjustment

Differences in ET and rainfall in the base period and the compliance period

Substantial changes to commercial or industrial water use from increased business output and economic development

Substantial changes to institutional water use from fire suppression services or other events or from new or expanded operations

# Compliance Water Use Adjustment

For any adjustments to the compliance water use based on those factors, the basis for and the data shall be documented and provided



# Options

An urban retail water supplier may meet its urban water use target within its retail service area, or through mutual agreement, by any of the following:

- An urban wholesale supplier

- A regional authorized agency

- A regional water management group

- An integrated regional water management funding area

- Hydrologic region

- Other appropriate geographic scales

# Options

An urban retail water supplier that includes agricultural water use in an UWMP may include the agricultural water use in determining gross water use.

In this case, the water supplier is not subject to the requirements of Chapter 4, which require additional agricultural efficient management practices.



# Options

An urban water supplier that has a substantial percentage of industrial water use may exclude process water from the calculation of gross water use to avoid a disproportionate burden on another customer sector

