



THE CITY OF SAN DIEGO
PUBLIC UTILITIES
DEPARTMENT



Presentation to NR&C

May 18th, 2011





UWMP Background

- UWMP Act – required by law every 5 years
 - Water Code Sections 10610-10656
 - Established: AB 797 Klehs, 1983
- Provide a 25 year estimate of water supplies and demands (to 2035)
- Required for funding or drought assistance from state
- Includes detailed information (actions, steps, schedule) on future supply development
- Coordination with other agencies



City of San Diego - UWMP Objectives

- Satisfy Department of Water Resources (DWR) requirements
 - Provide a 25 year estimate of water demands and verifiable supplies (to 2035)
- Integrated Regional Water Management Planning process – Consistency and support
- Foundation and justification for water supply assessments (SB 610 and 221)
- Consistency with CWA for demand and supply projections



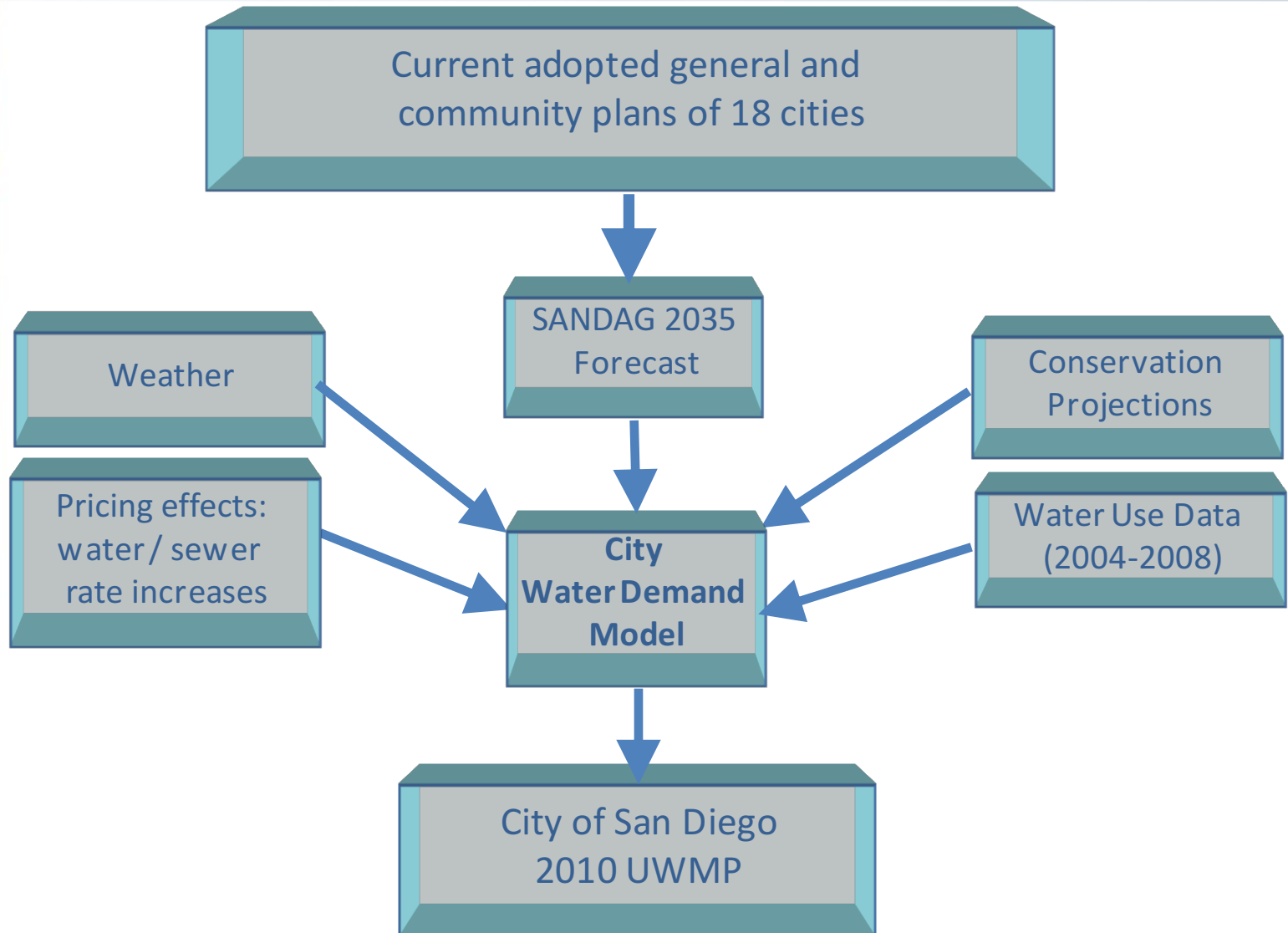


New UWMP Requirements

- State law (SBX7-7) extended deadline for the 2010 Plans to July 1, 2011.
- SBX 7-7 requires a 20% reduction in statewide urban water use by 2020
 - Interim GPCD 2015 target
 - 2020 GPCD target
- Lower income household water use reporting (SB 1087)
- Revised water conservation Demand Management Measures (DMM) reporting
- Grants/loans conditioned on DMM implementation
- 60-day City/County notification

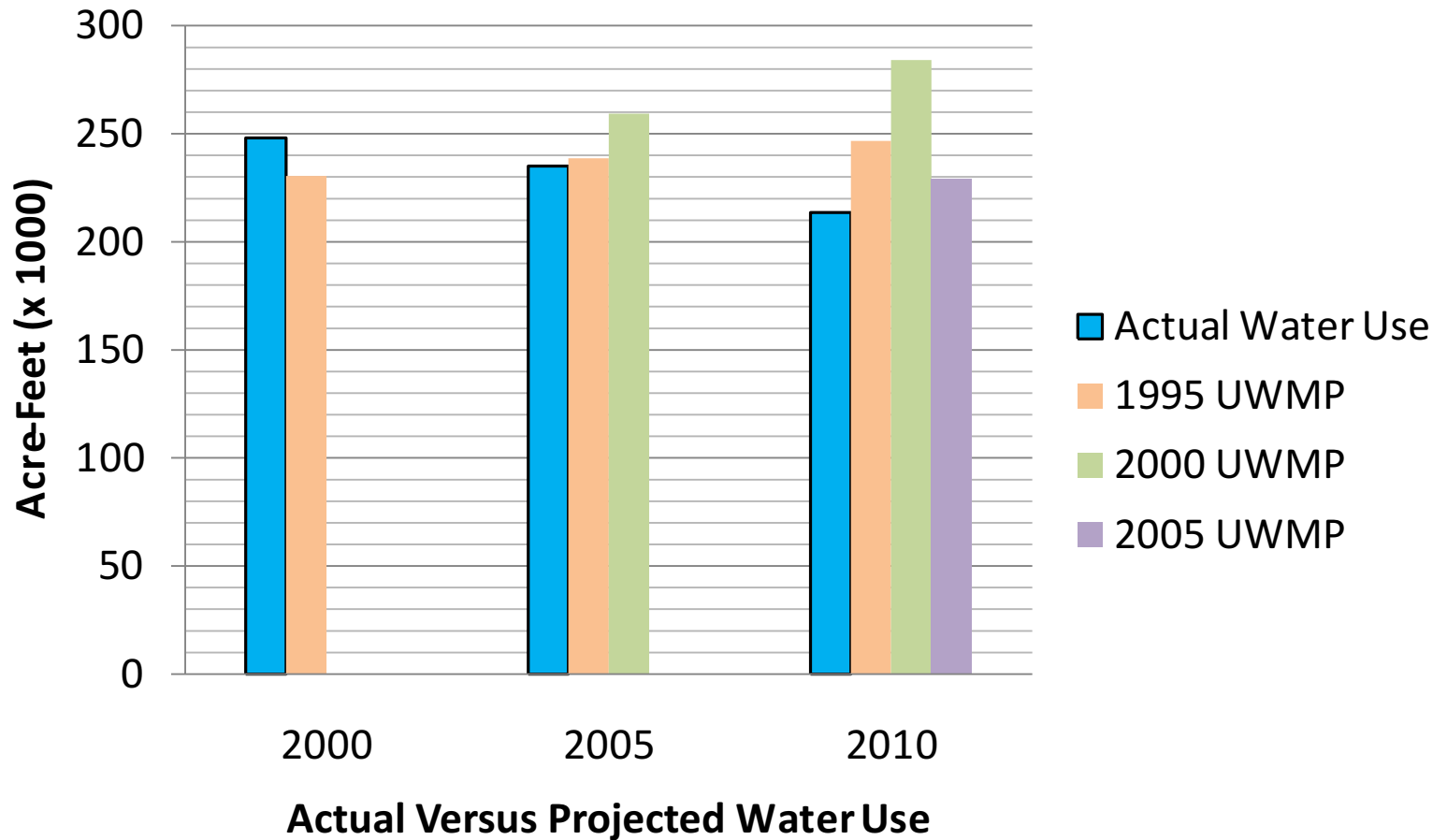


Water Demand From SANDAG Forecast





Historical UWMP Projections



- Includes retail and wholesale potable demands and retail recycled water demands (excludes system losses)



Water Demands

	2015	2020	2025	2030	2035
2005 UWMP demands (SANDAG Series 10 forecast - acre-ft/ year)	246,378	256,460	266,438	275,925	
Draft 2010 UWMP demands (SANDAG Series 12 forecast - acre- ft/ year)	240,472	260,211	276,375	288,481	298,860
% change	-2.4%	1.4%	3.7%	4.5%	

-Includes retail and wholesale potable demands and retail recycled water demands



SBx7-7 (20x2020 conservation plan)

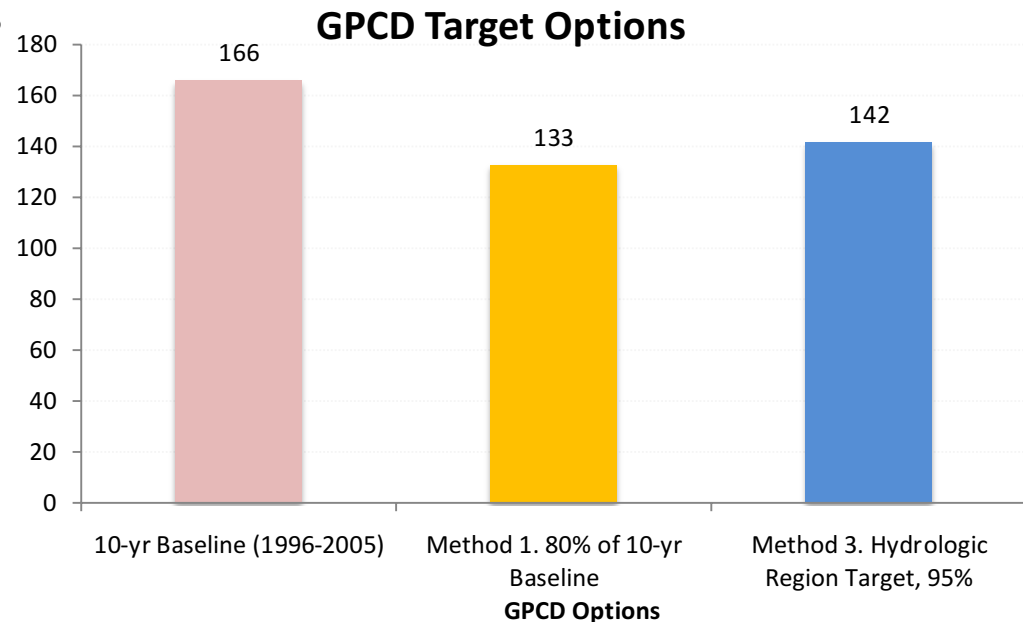
GPCD Target methods:

1. 80% of 10-yr baseline

2. indoor residential and outdoor budget

3. 95% of hydrological region target

4. provisional method based on indoor, CII, and outdoor targets





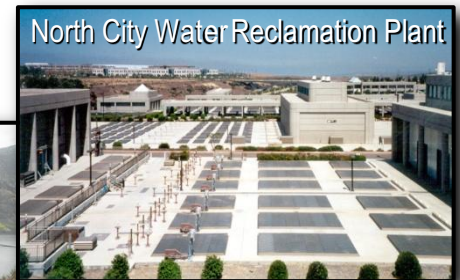
Water Supplies

Imported Water 85%

- Colorado River
- State Water Project

Local Supplies – Verifiable

- Local Surface Water
- Recycled Water
- Conservation





City of San Diego 2010 UWMP Schedule

Activity	Date
DWR releases 2010 UWMP Guidebook	March 4, 2011 - complete
Summary Presentation to IROC E & T	April 11, 2011 - complete
60 Day Public Hearing Notice to Cities and County	April 20 2011 - complete
Summary Presentation to NR&C	April 20, 2011 - complete
2010 UWMP presentation to IROC	May 16, 2011
2010 UWMP presentation to NR&C	May 18, 2011
Presentation to City Council (Public Hearing) – Adoption of 2010 UWMP	June 20 or 21, 2011
Submit adopted 2010 UWMP to DWR	July 20, 2011

A watercolor painting of a white egret standing in a shallow stream. The egret is positioned in the center-left, facing left. It has a long black beak and a small yellow patch near its eye. The water is a mix of green and brown tones, reflecting the surrounding environment. Large, smooth rocks in shades of brown and tan are scattered around the stream. Green foliage, including long, thin leaves, is visible on the left and right banks. The overall style is soft and painterly.

Questions ?

Dave Glanville PE, dglanville@sandiego.gov
Long-Range Planning and Water Resources