

# CWCB CONSERVATION UPDATES

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Colorado Water Conservation Board

Colorado WaterWise Annual Event  
October 14, 2011  
Denver, CO



# CWCB WATER CONSERVATION INITIATIVES

- HB10-1051: Annual Water Use and Water Conservation Data Reporting
- SWSI Levels Analysis: Phase II
- Water Efficiency Planning Guidance Document
- SWSI Conservation Levels Analysis: Phase I
- Colorado WaterWise Best Practices Guidebook

A STATEWIDE WATER CONSERVATION  
INITIATIVE -

PROPOSED GUIDELINES  
REGARDING THE REPORTING OF  
WATER USE & CONSERVATION  
DATA BY COVERED ENTITIES



# HB10-1051 Directives



Covered entities annually report water use & conservation data beginning on June 30, 2014

CWCB to adopt Guidelines for reporting of the data

Guidelines developed through public participation process incl. water providers w/geographic & demographic diversity, NGOs, & conservation professionals

Feb. 1, 2012 CWCB adopt Guidelines & report to Legislature

By Feb. 1, 2019 CWCB reports to Legislature on data reported under Guidelines

# HB10-1051 Goals



- Data will further support statewide water supply planning by improving quantity, quantity, and consistency.
- Produce reporting Guidelines that result in data that is useful in statewide water supply planning, while also limiting the level of effort required for the covered entities in the reporting process.

# Technical Advisory Group



- Working group that provides recommendations & advises on development of the specific data requirements and definitions included in the Guidelines.
- The Group is focused on technical issues, to ensure the usefulness of the data for statewide water supply planning.
- Group has met monthly since November 2010.
- 40 members of the WCTAG

# WCTAG-M&I Water Providers

- Denver Water
- Aurora Water
- Colorado Springs Utilities
- Westminster
- Platte Canyon W&S District
- Parker W&S District
- Eagle River W&S District
- Castle Pines Metro District
- Northern Water
- Durango
- Breckenridge
- SECWCD
- Steamboat Springs
- Colorado River District
- Pagosa Area W&S District
- Pueblo Water
- Grand Junction
- Northwest COG
- Arapahoe Water
- Silverthorne

# Stakeholder Advisory Group



- The Group expands the perspective to provide recommendations focused on the practicality of implementing the Guidelines.
- The Group has met twice & provided review & comment on at least 2 draft Guidelines through August 2011.
- All covered entities were encouraged to participate.
- 34 members of the WCSAG

# WCSAG

- Denver Water
- Aurora Water
- CO Springs Utilities
- Colorado River District
- Bancroft Clover
- Willows Water
- Colorado Water Congress
- Southgate
- Northern Water
- Longmont
- Loveland
- Little Thompson Water District
- Lower Arkansas Valley Water Conservancy
- Douglas County
- Centennial
- CO Municipal League
- Thornton
- Fort Collins
- South Adams
- Boulder
- Greeley

# Focus

- Advisory Groups considered examples of categories of customers, uses, & measurements currently rptd by CEs in existing water conservation plans – data that is anticipated to be readily available by the majority of CEs.
- Groups developed data descriptions & supplemented w/industry utilized terminology as identified through published professional references.
- Each mtg incl. discussion of specific data & definitions to be reported & recommendations from advisory group members on ways to clarify info.

# Process



- Meeting notes for each mtg reviewed & accepted.
- Communication facilitated via email & Google Docs
- General Guidelines format & content modeled after other similar CWCB & DWR documents.
- An online reporting tool will be developed to support the rptg process & allow CEs to describe cases where certain definitions in the Guidelines are not directly applicable to data available.
- Online data rptg tool accessible via CWCB website by December 31, 2013.

# Guideline Documents



*Guidelines Regarding the Reporting of Water Use and Conservation Data by Covered Entities*

*Appendix A – HB10-1051-An Act Concerning Additional Information Regarding Covered Entities' Water Efficiency Plan*

*Appendix B – Draft Reporting Data Definitions*

*Appendix C – The Draft Reporting Tool Template (spreadsheet for illustrative purposes only)*

# Timeline



- September 14, 2011 CWCB Board Mtg-First Reading of the Proposed Draft Guidelines
- Guidelines presented to the Board twice prior to final adoption
- Proposed 45-day Public Comment Period to commence on September 15, 2011
- Proposed final adoption at the November 2011 Board Meeting in Berthoud

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SWSI CONSERVATION LEVELS  
ANALYSIS



# SWSI Conservation Levels Analysis – Phase II

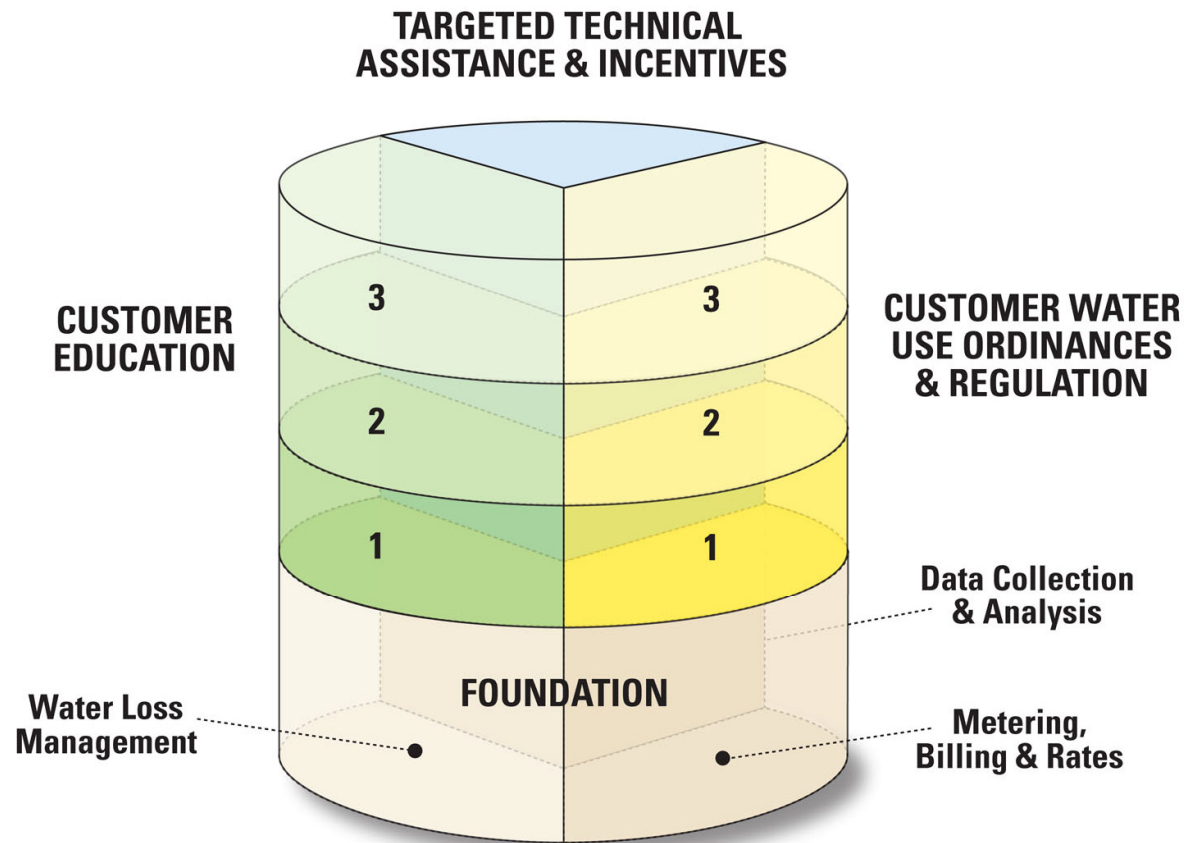


- ❑ Follow-Up to Phase I (2010)
- ❑ Refine the Framework
- ❑ Review and Catalogue WC Plans
- ❑ Develop WC Data Base
- ❑ Review and Analyze Data

# Correlation of SWSI Levels to BPs

<b>SWSI Conservation Levels</b>		<b>Corresponding BPs</b>
<b>Foundation</b>		
	Metering, Billing and Rates	BP 1, BP 4
	Water Loss Management	BP 3, BP 4
	Data Collection and Analysis	BP 2, BP 4
<b>Targeted Technical Assistance and Incentives</b>		
	Level 1 – Utility Facilities	BP 7, BP 9, BP 10, BP 12, BP 14
	Level 2 – Largest Customers	BP 7, BP 9, BP 10, BP 12, BP 13, BP 14
	Level 3 – Other Customers	BP 7, BP 9, BP 10, BP 12, BP 13, BP 14
<b>Customer Water Use Ordinances and Regulation</b>		
	Level 1 – Water Waste	BP 5
	Level 2 – New Construction	BP 8, BP 11
	Level 3 – Retrofit/Upgrade of Existing Construction	BP 8
<b>Customer Education</b>		
	Level 1 – One-Way	BP 6
	Level 2 – One-Way with Feedback	BP 6
	Level 3 – Two-Way	BP 6

# A New Framework



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UPDATE TO THE MUNICIPAL WATER  
EFFICIENCY PLAN GUIDANCE  
DOCUMENT



# Guidance Document Objectives



- Customize for Colorado
- Format similar to the Drought Guidance Document
- Incorporate Statute requirements
- 2004 Water Conservation Act (04-1365)
- Water Conservation Data Reporting Bill (10-1051)
- Useful to the variety of providers in Colorado
- Clarity on CWCB expectations for approval

# Guidance Document Organization



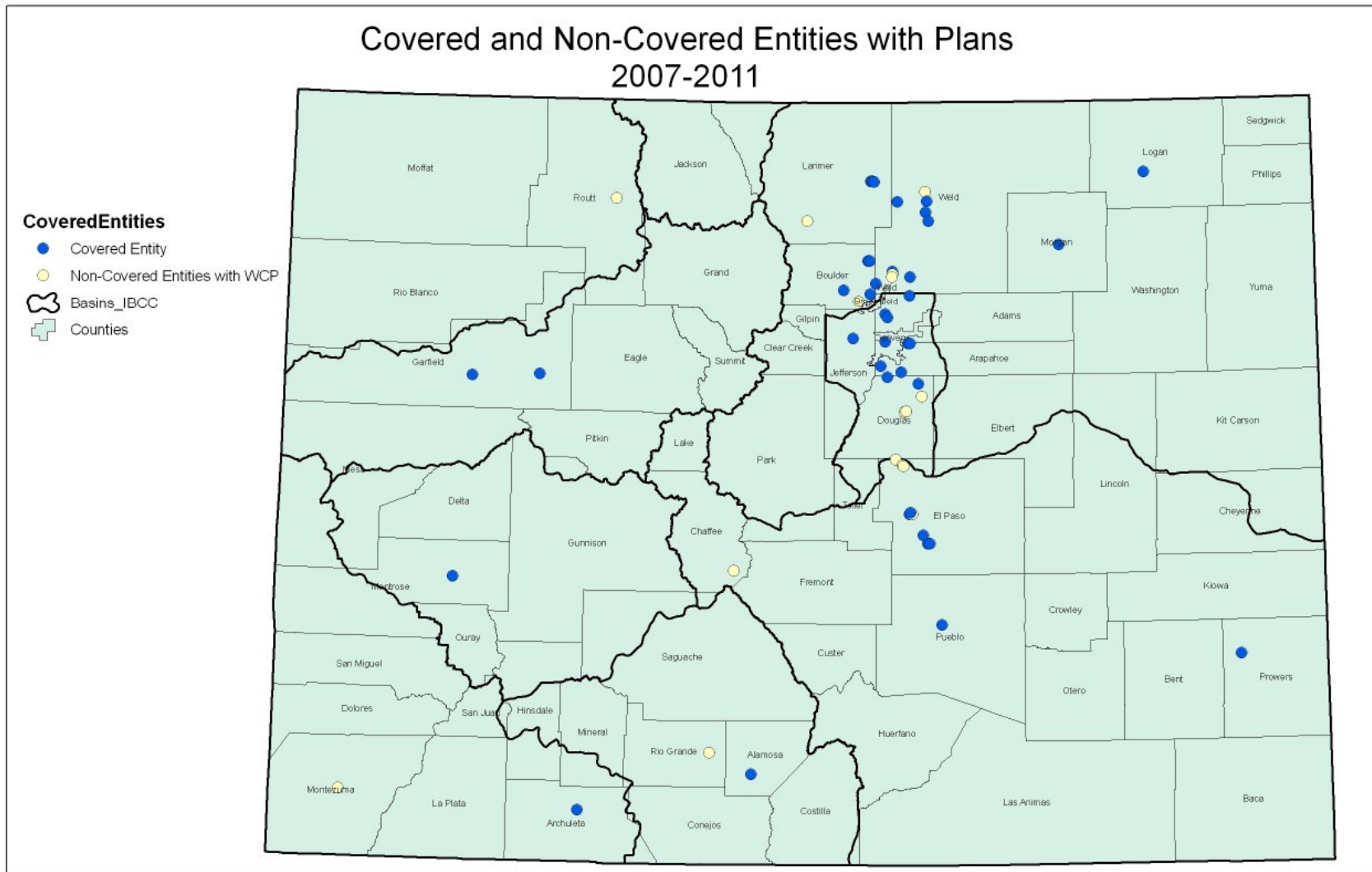
- 1.0 Introduction
- 2.0 Overview of Water Efficiency Plan
- 3.0 Role of the State in Water Efficiency Planning
- 4.0 Steps to Water Efficiency Planning
- 5.0 Public Stakeholder Involvement
- 6.0 Template for a Water Efficiency Plan
- 7.0 References
  - Appendix A – Worksheets
  - Appendix B – State Policies
  - Appendix C – HB 10-1051 Outline

# Changes from 2005 Guidance Document

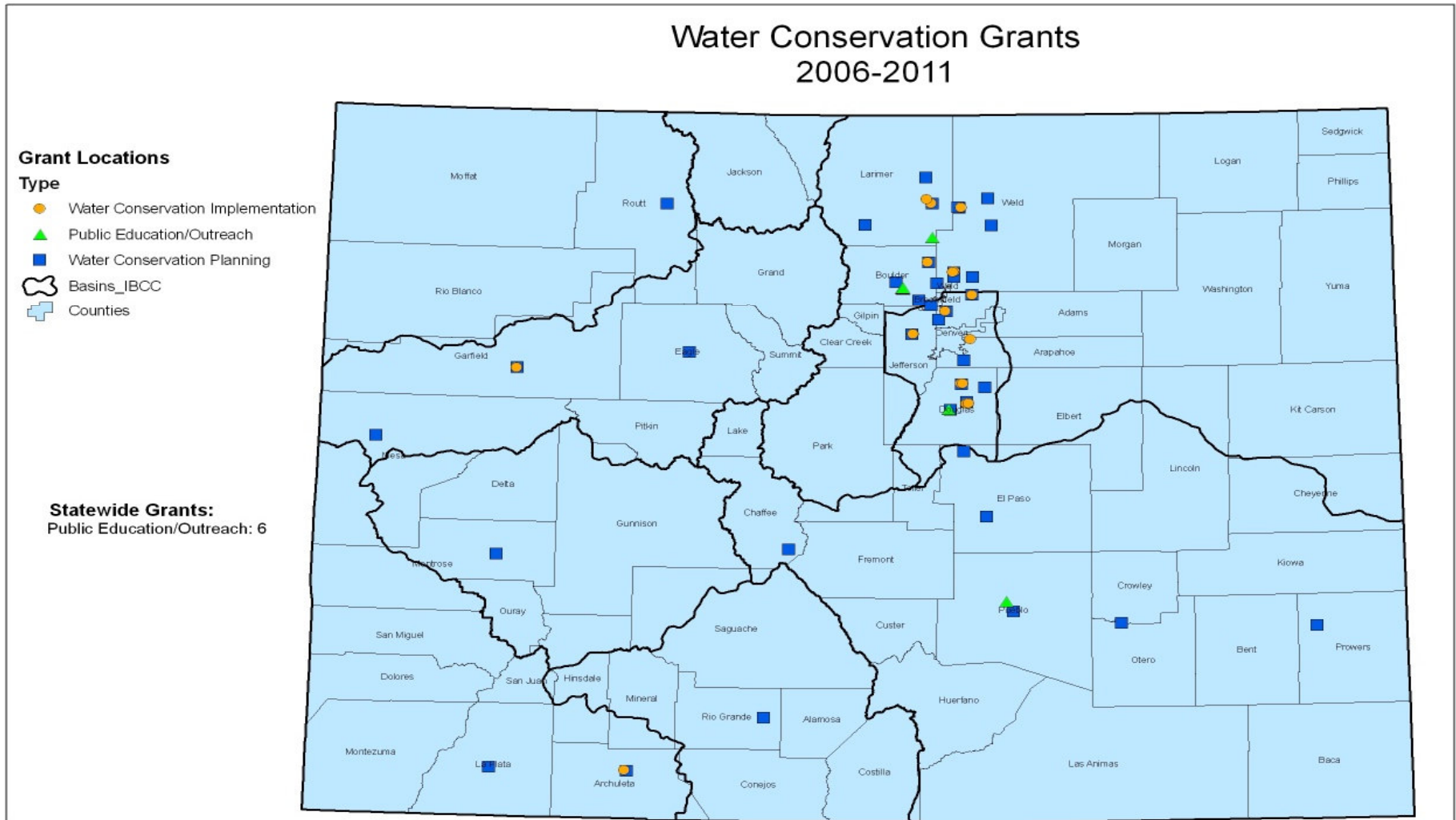


- ❑ Nine steps to five planning steps
- ❑ Incorporated SWSI Framework Levels into screening and evaluation process
- ❑ More emphasis on monitoring and demand tracking
- ❑ Emphasized public involvement process
- ❑ Format of template changed
- ❑ Worksheets were simplified

# CWCB-Approved Water Conservation Plans



# Water Conservation Planning and Implementation Grants



QUESTIONS?

