

This presentation premiered at WaterSmart Innovations

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Guidebook of Best Practices for Municipal Water Conservation in Colorado

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What is the Best Practices Guidebook?

- A planning tool for improving and enhancing water efficiency throughout Colorado.
- A resource for selecting the most sensible and cost effective water conservation measures and programs.
- A supplement to the Colorado Water Conservation Board's water conservation planning resources.

Why a Best Practices Guidebook?

- Water Conservation Act of 2004 requires water providers to submit water conservation plans to CWCB.
- Utilities large and small need help developing and implementing their water conservation plans.

Guidebook Funding & Management



- Colorado WaterWise developed the Best Practices Guidebook through a generous grant from the CWCB's Office of Water Conservation and Drought Planning.
- Project Manager: Brenda O'Brien, Colorado WaterWise & GreenCO
- Writing Contract: Aquacraft, Inc.

Colorado WaterWise

- Formed in 2000 to promote and facilitate the efficient use of Colorado's water.
- Is Colorado's voice for water conservation.
- Provides support to water professionals, water providers and communities in developing sensible and cost-effective water conservation programs.
- www.coloradowaterwise.org

Who Gave Input to the Guidebook?

- Project Advisory Committee
- Stakeholder Advisory Committee
- Colorado WaterWise Board of Directors
- Folks participated from utilities, state agencies, the green industry, water conservancy districts, non-profits, consultants and academia.

What are Best Practices?

- Best Management Practices for water conservation.
- BPs are water planning, management and efficiency measures and policies designed to deliver *proven water savings* and *improved water management*.

What Does the Best Practices Guidebook Provide?

- A detailed description of specific water conservation measures, program elements, regulations, policies and procedures that can be implemented by Colorado water providers, and local and state government.

How Were the BPs Selected?

- Literature review
- List of nearly 100 potential best practices
- Culling and combining
- Focus on benefits and costs
- Stakeholder process made final selection of 14 BPs

Four Categories of BPs

1. Water System and Utility
2. Outdoor Landscape and Irrigation
3. Indoor Residential
(single-family and multi-family)
4. Indoor Non-Residential

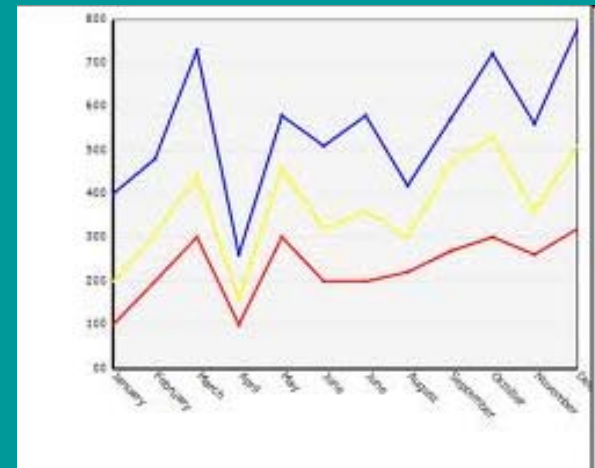
Water System and Utility Best Practices

BP 1: Metering,
Conservation-Oriented
Rates and Tap Fees,
Customer Categorization
Within Billing System



Water System and Utility Best Practices

BP 2: Integrated
Resources Planning,
Goal Setting and
Demand Monitoring



Water System and Utility Best Practices

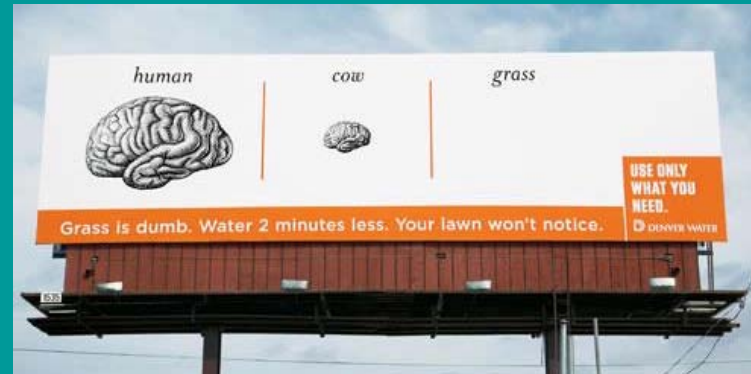
BP 3: System Water Loss Control
BP 4: Conservation Coordinator

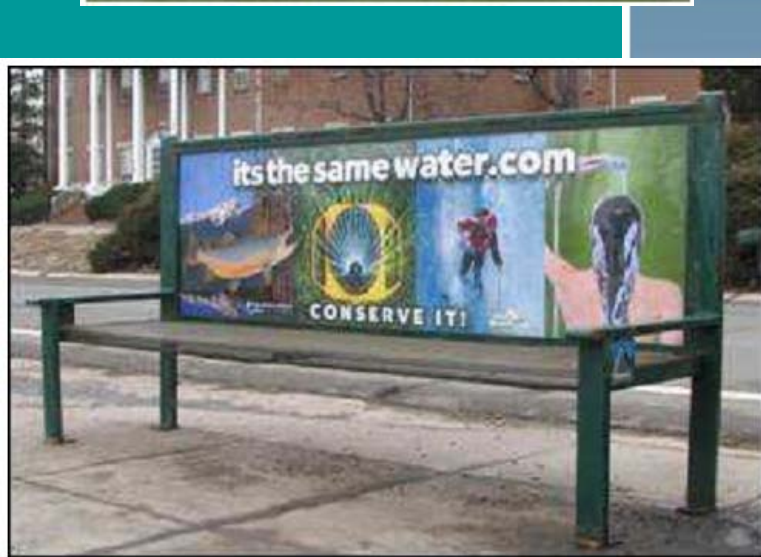


Water System and Utility Best Practices

BP 5: Water Waste Ordinance

BP 6: Public Information and Education





Outdoor Landscape & Irrigation Best Practices

BP 7: Landscape Water Budgets, Information and Customer Feedback



Outdoor Landscape & Irrigation Best Practices

BP 8: Rules and Regulations for Landscape Design & Installation and Certification of Landscape Professionals



Outdoor Landscape & Irrigation Best Practices

BP 9: Water Efficient Design, Installation and Maintenance Practices for New and Existing Landscapes



Outdoor Landscape & Irrigation Best Practices

BP 10: Irrigation Efficiency Evaluations



Indoor Residential Best Practices

BP 11: Rules for New Construction

BP 12: High-Efficiency Fixture and
Appliance Replacement for Residential
Sector



Indoor Residential Best Practices

BP 13: Residential Water Surveys and Evaluations Targeted at High Demand Customers



Indoor Non-Residential Best Practices

BP 11: Rules for New Construction

BP 12: High-Efficiency Fixture and Appliance
Replacement for Non-Residential Sector



Indoor Non-Residential Best Practices

BP 14: Specialized Non-Residential Surveys, Audits and Equipment Efficiency Improvements



Suites of Best Practices

Suite 1: Foundational, No Excuse BPs

Suite 2: Foundational + Regulatory BPs

Suite 3: Complete Package of BPs

Best Practice Guide Outreach

- Best Practices Guidebook: \$25 or free .pdf download
- Summary Guide to be developed
- Three stakeholder workshops
 - Pueblo, Sept. 30
 - Glenwood Springs, Oct. 14
 - Westminster, Oct. 21

For More Information...

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Download guidebook

www.coloradowaterwise.org

