

COLORADO WATER CONSERVATION BOARD

Department of Natural Resources

Bill Ritter, Jr., Governor

Harris D. Sherman, DNR Executive Director

Dan McAuliffe, CWCB Acting Director

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WATER CONSERVATION PLANNING FACT SHEET

What is Conservation?

Water Conservation means water use efficiency & involves the practices, techniques, technologies that improve the efficiency of water use. The objective of water conservation is a long-term increase in the productive use of water supply in order to satisfy water supply needs without compromising desired water services.

What Are the Benefits of Water Conservation?

- Water Conservation enables a local water provider to meet its supply needs adequately with reliable water and save water management costs at the same time.
- Helps to avoid or reduce the need to develop or acquire new water supplies.
- Postpone, downsize or avoid altogether the need for new water treatment or waste water treatment infrastructure.
- Reduce operating costs related to water & wastewater treatment and source water production.
- Improve supply reliability/margin and mitigate impacts of future droughts.
- Comply with regulations.
- Improve public credibility by demonstrating stewardship of natural and financial resources.
- Promote sustainable use of finite water supplies.

What Elements Need To Be Included in a Water Conservation Plan?

- Water-efficient fixtures and appliances, including toilets, urinals, showerheads, and faucets
- Low water use landscapes, drought-resistant vegetation and efficient irrigation
- Water-efficient industrial and commercial water-using processes
- Water reuse systems
- Distribution system leak identification and repair
- Dissemination of information regarding water use efficiency measures, including by public education, customer water use audits, and water-saving demonstrations
- Water rate structures and billing systems designed to encourage water use efficiency in a fiscally responsible manner
- Regulatory measures designed to encourage water conservation
- Incentives to implement water conservation techniques, including rebates to customers to encourage the installation of water conservation measures
- A section stating the role of water conservation plans in an entity's water supply planning
- Steps to develop, implement, monitor, review & revise the water conservation plan
- Estimate of the amount of water that will be saved through conservation when the plan is implemented.

For more information contact Veva McCaig at the CWCB at (303) 866-3339.

1313 Sherman Street, Room 721, Denver, CO 80203

Phone: (303) 866-3441. Fax: (303) 866-4474

Website : www.cwcb.state.co.us

**The following consultants have
assisted communities in developing
State-approved Water Conservation
Plans**

**Aquacraft, Inc.
Peter Mayer, P.E.
303-786-9691 x2#**

**Hydrosphere Resource Consultants
1002 Walnut Street, Suite 200
Boulder, CO 80302**

**Camp Dresser & McKee (CDM)
Courtney Peppler
303-298-1311**

**Clear Water Solutions
Steve Nguyen, P.E.
303-929-0758**

**Great Western Institute
Tracy Bouvette, P.E.
303-355-4047**

**Schmueser Gordon & Meyer (SGM)
Warren Swanson, Consultant
970-945-1004**

****Please Note: The consultants are not listed
in any particular order, and the Office of
Water Conservation and Drought Planning
Section does endorse any particular one.**