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In keeping with GreenCO's desire not to "reinvent the wheel" when high-quality information on relevant BMPs was already in existence, the following written materials were relied upon heavily and may have been partially reproduced or adapted into this manual:

- Colorado State University Extension Plant*talk* Colorado Website: www.ext.colostate.edu/ptlk.

- Colorado State Univeristy Extension Gardening On-line Website: www.ext.colostate.edu/pubs/garden.

- Colorado State University Extension Tri-River Area, Western Slope Gardening Website: www.westernslopegardening.org/ (including various publications by Curtis Swift, Ph.D.)

- Denver Water Conservation and Xeriscape Website: http://www.denverwater.org/cons_xeriscape/cons_xeriscapeframe.html. *(Particularly with regard to Xeriscape, a term copyrighted by Denver Water in 1981.)*

- Irrigation Association Water Management Committee. 2005. *Turf and Landscape Irrigation Best Management Practices*. Falls Church, VA: Irrigation Association. Also see www.irrigation.org.

- Morton Arboretum (Chicago), American Nursery and Landscape Association (ANLA), the International Society of Arboriculture (ISA), the American Society of Landscape Architects (ASLA), the Associated Landscape Contractors of America (ALCA), Tree Care Industry Association (TCIA), and the American Society of Consulting Arborists (ASCA). 2005. Avoiding Excessive Soil Over the Root Systems of Trees: A Best Management Practice. Work Group Chairperson Gary Watson.

- Northern Colorado Water Conservancy District Website: www.ncwcd.org/

- Panter, K.L., S.E. Newman, and R.M. Waskom. 1998. *Pollution Prevention in Colorado Greenhouses*. XCM-206 (www.ext.colostate.edu/pubs/garden/xcm206.pdf). Ft. Collins, CO: Colorado State University Extension.

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- Urban Drainage and Flood Control District. 2007. *Urban Storm Drainage Criteria Manual, Volume 3, Stormwater Best Management Practices*. Denver, CO: UDFCD.

- Urban Drainage and Flood Control District. 2005. *Urban Storm Drainage Criteria Manual, Volume 2*. Denver, CO: UDFCD.

- Wright Water Engineers and Denver Regional Council of Governments. 1996. *Guidelines for Water Quality Enhancement at Golf Courses Through the Use of Best Management Practices*. Denver, CO: DRCOG.

Purpose and Limitations

The purpose of this manual is to consolidate and improve upon Green Industry Best Management Practices (BMPs) for the conservation of water resources and protection of water quality, with an emerging ethic of working toward sustainable landscaping practices. These BMPs include a variety of design, installation, maintenance, grower and retail practices relevant

to the Green Industry and the public that they serve. This document is an initial building block for the Green Industry to use in further developing common industry-wide standards.

This manual should be used to enhance the professional qualifications and judgment of the Green Industry—it is not a regulatory document. Green Industry professionals should use this manual as general guidance with the recognition that some environmentally sensitive or drought-stricken areas may require modification of these practices. **This document is not a design manual; instead, it provides overviews of key BMPs and directs the user to relevant design and certification manuals, where appropriate.**

As technological and horticultural advances occur, this manual will need to be updated periodically to remain current with the state-of-the-art practices for water conservation and water quality protection, as well as sustainable use of natural resources and enhancement of the environment. For the most recent version of this manual, please refer to the GreenCO Website (www.greenco.org).

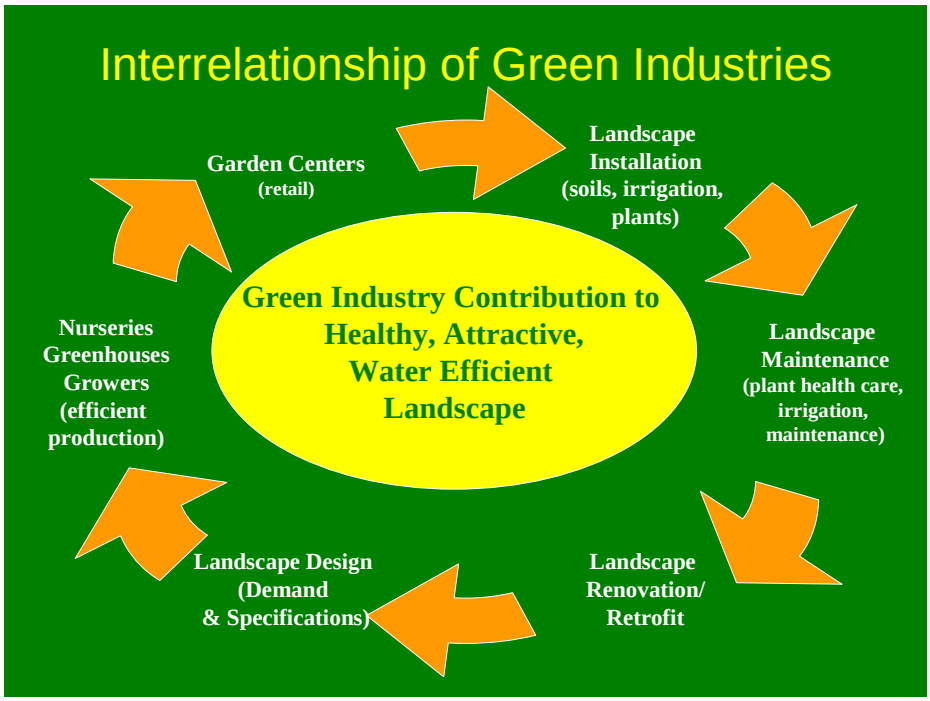
Background

The Green Industries of Colorado (GreenCO) is an umbrella trade organization representing the common interests of eight landscape-related trades:

- Associated Landscape Contractors of Colorado (ALCC)
- Colorado Chapter of the American Society of Landscape Architects (ASLA)
- Colorado Association of Lawn Care Professionals (CALCP)
- Colorado Nursery and Greenhouse Association (CNGA)
- Garden Centers of Colorado (GCC)
- International Society of Arboriculture/Rocky Mountain Chapter (ISA)
- Rocky Mountain Chapter/Golf Course Superintendents Association of America (GCSAA)
- Rocky Mountain Sod Growers Association (RMSGA)

GreenCO members represent diverse interests including sod growers, landscape architects, greenhouse growers, nurseries, retailers, contractors, lawn care professionals, golf course superintendents, and arborists. Each of GreenCO's members has in common an economic dependence on built landscapes. Each industry is part of the life cycle of landscaping (Figure 1).

Figure 1. Interrelated Nature of Green Industry Members: Life Cycle of Landscape



In 1996, GreenCO began working to help the Green Industry develop an understanding and strategy to respond to challenges posed to the industry by potential water shortages related to either population growth or drought. To begin addressing these issues, representatives from GreenCO's eight trade associations worked with diverse partners including Colorado State University Extension, the Colorado WaterWise Council, Denver Water and the Colorado Water Resources Research Institute. GreenCO worked proactively to support water conservation and quality goals without specific regulatory pressure.

Looking to the future, GreenCO recognizes that the economic health of the industry and the health of the state's water and other natural resources are inextricably linked. During the 2008 update of this Manual, the GreenCO Advisory Committee emphasized the desire to promote sustainable practices throughout the Green Industry, consistent with the "green movement" underway in the U.S. GreenCO's original water-related goals, as well as new goals related to sustainability include:

- Realize significant, measurable improvements in water quality and conservation statewide through improved and efficient landscape practices.
- Ensure the future health and competitiveness of the Green Industry in Colorado in the face of new standards and regulations.
- Provide improved water management tools and resources for GreenCO member businesses and their customers.
- Promote sustainable landscape practices at all levels of the Green Industry from landscape design, to production and sale of landscaping materials, to maintenance of landscapes.
- Recognize the unique opportunities of the Green Industry to *improve* natural resources including water and air quality and wildlife habitat, as well as provide energy conservation benefits.

To realize these goals, GreenCO identified the development of industry-wide BMPs as a first step toward getting its "house in order" by compiling and improving industry-wide standards for tools and technologies that support water conservation and quality. In 2004 and 2008, GreenCO has continued to revise and expand the BMPs to not only consider water resources, but also the natural environment.

Definition of Best Management Practices (BMPs) and Principles

The simplest way to define a BMP for purposes of this manual is a voluntary activity undertaken to reduce water consumption and protect water resources and the natural environment. The GreenCO BMPs are intended to serve as the industry standard for water conservation and natural resources protection. Appropriateness of the BMPs may vary depending on site-specific and regional conditions. The term BMP has been selected for use in this manual primarily for consistency with other national and international efforts to protect water quality. For example, the U.S. Environmental Protection Agency (EPA), the state of Colorado (including the Nonpoint Source Program and the Water Quality Control Division), regional organizations such as the

Denver Regional Council of Governments, local governments, as well as many others, have retained the term BMP in ordinances, regulations and guidance manuals.

Most of the BMPs in this manual are relevant to both water conservation and natural resources protection and enhancement and are based on these basic principles:

1. Healthy landscapes enhance water quality and the environment. Inclusion of green areas in urban settings helps minimize pollutant-laden runoff to waterbodies and allows precipitation in urban areas to infiltrate into the soil, rather than overload natural drainageways. Landscape features such as grass swales, vegetated buffer strips along waterways, constructed wetlands and other well-vegetated areas are key components of good stormwater management. Well-vegetated areas are particularly important in reducing sediment loading to streams and lakes. Additionally, trees and vegetated areas can provide shade and cooling effects that reduce energy consumption in urban areas, as well as help to improve air quality.

2. Over-irrigation is the leading source of water waste in landscaping. Landscapes (including their irrigation systems) are water-efficient when they are properly designed, installed and maintained according to sound landscaping and water conservation principles. The term "Xeriscape" was trade marked by Denver Water in 1981 to help make water-conserving landscaping an easily recognized concept based on these seven principles: comprehensively designed landscapes, healthy soil, practical turf areas, proper plant selection and placement, efficient irrigation, mulching and good maintenance. In many ways, Xeriscape can simply be considered to be “good horticultural practice.”

3. Water budgeting is an effective tool for designing and maintaining water-efficient landscapes during both normal and drought conditions. An outdoor water budget identifies the amount of water needed for healthy landscapes. Comparison of actual water used to the water budget provides a basis for adjusting water usage to reduce water waste.

4. It is easier to prevent or reduce pollution by controlling it at its source, rather than correcting its impacts. For the Green Industry, this means minimizing runoff from landscapes, properly applying and/or minimizing pesticide and fertilizer usage, and minimizing erosion and sediment-laden runoff at landscaping sites.

5. Landscapes designed, installed and maintained in accordance with sustainable principles can *enhance* the environment, providing multiple benefits to water resources, wildlife, air quality, and reduced energy consumption.

6. Improved water quality and natural resources protection, water conservation, and movement toward more sustainable use of natural resources are dependent on behavior changes. Education of both the end user (homeowner/landscape owner) and Green Industry professionals (growers, retail owners, landscape designers, installation and maintenance professionals) is necessary for behavior change to occur. It takes more than a nice manual on a shelf for improved water quality and

conservation to happen. BMPs are the industry standard and must be integrated into a variety of Green Industry professional training and certification programs and actually put into practice in the field. Both Green Industry businesses and the public must recognize the value of natural resources protection and water conservation, and the consequences of failing to implement these BMPs, in order for behavioral change to occur.

Overview of BMPs

The BMPs in this manual are listed according to general practice category, beginning with general design concepts and principles, then moving into specific areas of practice. For example, the principles of sustainability, Xeriscape and water budgeting provide the foundation of the manual. Specific areas of practices follow such as landscape design, soil amendment, tree-related practices, irrigation and various landscape maintenance practices. BMPs related to growers and retailers are provided next, as well as water quality-related BMPs and educational practices. Many of the recommendations in this manual can be considered "good horticultural practice" that results not only in natural resources protection, but also attractive, healthy landscapes. For many Green Industry professionals, these practices will not be "new", but will serve as a reminder of the many decisions and factors that must be considered to achieve the objectives of water conservation, natural resource protection and sustainability. Additionally, the BMPs provide an industry-wide perspective that may extend beyond an individual's area of expertise. Table 1 provides an overview of the BMPs, along with applicability to various member industries.

Each of the BMP descriptions is in the form of a fact sheet including the following information:

- Brief description of the BMP.
- Identification of the BMP's applicability to design, installation or maintenance/ operation activities.
- Identification of the BMP's relevance to various GreenCO member industries.
- Basic practice guidelines to follow when implementing the BMP.
- Regional or industry considerations/adaptations.
- Key references for more detailed information.
- Call-out boxes on special topics, for certain BMPs.

The discussion of each BMP is limited to several pages with the intention that the BMP sheets can be taken out of this notebook for easy reference and distribution. Because it is expected that users of this manual may focus on individual BMPs rather than the manual in its entirety, there may be redundancy among some BMP descriptions. Efforts have been made to minimize this redundancy by cross-referencing the user to related BMPs.

One important aspect of the BMP descriptions focuses on regional considerations for implementation of the BMP. Because climate and topographic conditions along the Front Range vary considerably from the western slope of Colorado, some practices that work well in one location may not work well in others, or may require special adaptations. Where appropriate, these types of considerations have been identified in the BMP descriptions.

This BMP manual is not intended to serve as a design and specification manual; instead, it compiles and summarizes into one document the key BMPs spread across the eight trades within the Green Industry. For many of the BMPs, entire workbooks and certification manuals are already in place, providing detailed guidance on the practice. In these cases, the "key references" identified in the BMP fact sheets can be obtained for more detailed guidance. A comprehensive bibliography of these references, along with website hyperlinks, is also provided at the end of this document.

As part of the 2008 update to this manual, additional supplemental resources and checklists were added to increase the usefulness of this manual, including:

- Historical Grass Reference ET Tables
- Irrigation Efficiency Audit: Pre-audit Checklist
- Salt Tolerant Plant List
- Continuing Education Opportunities
- Industry Checklists to Promote Water Conservation

Table 1. Master List of GreenCO BMPs and Supporting Information with Applicability to Member Industries

General Category	Status	BMP Order	BMP	BMP Description	ASLA	ALCC	CALCP	CNGA	GCC	ISA	RMSGA	GCSAA
Sustainability	New	1	Sustainable Landscaping	This BMP introduces basic sustainability and energy conservation concepts that Green Industry professionals can consider integrating into their professional practice.	X	X	X	X	X	X	X	X
Xeriscape	2004	2	Xeriscape	Implement the seven basic landscape principles of Xeriscape: planning and design, soil improvement, zoning of plants, practical turf areas, efficient irrigation, mulching and appropriate maintenance.	X	X	X	X	X	X	X	X
Water Budgeting	2004	3	Water Budgeting	Calculate the water needs of irrigated landscapes based on plant types, land area and irrigation system efficiency. Use the calculated water budget to apply water according to the needs of the plants and manage irrigation.	X	X	X	X	X	X	X	X
Design	Sig. Rev.	4	Landscape Design (including Plant Selection & Placement and Hardscapes)	Plan and design landscaping comprehensively to conserve water and protect water quality.	X	X	X	X	X	X	X	X
Landscape Installation: General	2004	5	Landscape Installation/Erosion and Sediment Control	Minimize erosion and control sediment leaving the construction site during landscape installation.	X	X	X			X	X	X
Soils	Sig. Rev.	6	Soil Amendment/Ground Preparation	Evaluate soil and improve, if necessary, to promote efficient water usage and healthy plants.	X	X	X	X	X	X	X	X
Trees	New	7	Tree Protection	Identify trees suitable for preservation and implement measures to protect these trees during construction activities.	X	X	X			X		X
Trees	New	8	Tree Placement in Urban Landscapes	Trees must be placed in the urban landscape so that adequate soil and space for root growth are provided for the long-term growth and health of the tree.	X	X	X	X	X	X		
Trees	New	9	Tree Planting	Properly plant trees, shrubs and other woody plants to promote the long-term health of the tree.	X	X	X	X	X	X		X
Irrigation	Sig. Rev.	10	Irrigation Efficiency	Properly design, install and maintain irrigation systems to ensure uniform and efficient distribution of water, thereby conserving water and protecting water resources.	X	X	X	X	X	X	X	X
Irrigation	Sig. Rev.	11	Irrigation System Design	Design the irrigation system for the efficient and uniform distribution of water.	X	X	X	X	X	X	X	X
Irrigation	Sig. Rev.	12	Irrigation System Installation	Install the irrigation system according to the irrigation design specifications, which should be in accordance with manufacturer's specifications, local code requirements and sound principles of efficient and uniform water distribution.	X	X	X	X	X	X	X	X
Irrigation	Sig. Rev.	13	Irrigation System Maintenance	Maintain the irrigation system for optimum performance, ensuring efficient and uniform distribution of water. Modify the irrigation system as needed to provide supplemental water for maintaining healthy plants without wasting water.		X	X	X	X	X	X	X
Irrigation	New	14	Irrigation Efficiency Audits	Auditing existing irrigation systems to identify needed improvements is a key tool in reducing landscape water waste and improving irrigation efficiency.		X	X					X
Irrigation	New	15	Irrigation Technology and Scheduling	Irrigation systems can be equipped with a variety of water conserving devices such as soil moisture sensors, rain sensors and shutoff devices, weather stations, high wind shutoff devices, freeze protection devices, and advanced, automated, "Smart" control systems that incorporate evapotranspiration (ET) conditions. Because one of the key benefits of advanced irrigation technology with regard to controllers (clocks) is increased ease of scheduling and more precise scheduling, irrigation scheduling is also discussed as part of this BMP.	X	X	X	X	X	X	X	X
Irrigation	New	16	Irrigation Using Nonpotable Sources	Nonpotable water may be used for irrigation purposes as a method to conserve potable or higher quality water sources for human consumption (drinking water).	X	X	X	X		X	X	X
Maintenance: General	2004	17	Landscape Maintenance	Practice landscape maintenance appropriate for the site including practices such as pruning, weeding, mulching, fertilization and attention to the irrigation system.		X	X		X	X		X
Maintenance: Trees	Sig. Rev.	18	Tree and Other Woody Plant Care	Properly plant and maintain prune or trim trees, shrubs and other woody plants to maximize the plants' health.	X	X	X	X	X	X		X
Maintenance: Herb. Plants	2004	19	Herbaceous Plant Care	Properly plant and maintain herbaceous plants to maximize plant health and conserve water.	X	X	X	X	X			X

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General Category	Status	BMP Order	BMP	BMP Description	ASLA	ALCC	CALCP	CNGA	GCC	ISA	RMSGA	GCSAA
Maintenance: Turf	2004	20	Turf Management	Plan, properly install and maintain practical turf areas.	X	X	X		X		X	X
Maintenance	2004	21	Fertilizer Application	Properly apply fertilizers, based on the specific needs of plants, particularly as identified by appropriate soil or plant tissue tests.		X	X	X	X	X	X	X
Maintenance	2004	22	Pesticide and Herbicide Application	Apply pesticides and herbicides at minimal levels in accordance with the label and targeted to specific disease and weed problems.		X	X	X	X	X	X	X
Maintenance	2004	23	Pesticide, Fertilizer and Other Chemical Storage, Handling and Disposal	Properly apply, store, handle and dispose of pesticides, herbicides, fertilizers, fuel and other maintenance chemicals to prevent contamination of surface water and groundwater.		X	X	X	X	X	X	X
Maintenance	2004	24	Lawn Aeration	Aerate lawns to reduce thatch, thereby improving nutrient and water uptake, reducing runoff and reducing compaction.		X	X		X		X	X
Maintenance	2004	25	Lawn Waste Disposal/Composting	Dispose of yard waste to minimize adverse impacts to the environment by keeping waste out of storm drains. Recycle and compost organic materials whenever possible.		X	X	X	X	X	X	X
Maintenance	2004	26	Mowing	Mow lawns to the proper height and at the proper frequency to maintain turfgrass health, thereby minimizing the need for pesticide and fertilizer application and reducing water usage.		X	X		X		X	X
Maintenance	2004	27	Mulching	Use organic mulches to reduce water loss through evaporation, to reduce soil loss due to exposure to wind and runoff, suppress weeds, and provide a more uniform soil temperature.		X	X	X	X	X		X
Maintenance	2004	28	Drought and General Water Conservation Practices for Landscapes	Manage landscapes using the most water-efficient techniques during drought conditions.	X	X	X	X	X	X	X	X
Snow	New	29	Snow Removal	Conduct snow removal practices in a manner that minimizes adverse impacts to vegetation, soils and water quality.	X	X	X	X	X	X	X	X
Production	2004	30	Production Practices for Nurseries, Greenhouses, and Sod Growers	Nurseries, greenhouses and other growers should implement a variety of source, structural, cultural and managerial controls to minimize pollution of water resources. Irrigation practices that minimize off-site transport of pollutants also typically conserve water.				X			X	
Production	2004	31	Water Management Practices for Nurseries, Greenhouses, Sod Growers and Holding Yards	Manage production and holding areas to promote the efficient use of water.				X	X	X	X	X
Retail	2004	32	Retail Practices for Nurseries, Greenhouses and Garden Centers	Retail businesses should operate in a manner to maintain the health of plants, to conserve water and to promote water conservation and water resource protection to the general public.				X	X			
Large Landscapes	2004	33	Park, Golf Course and Other Large Landscape Design and Management	Large landscaped areas such as parks and golf courses should be well designed and properly managed to be an environmental amenity and to minimize runoff to waterbodies.	X	X	X			X		X
Drainage	New	34	Landscape Features in Low Impact Development	Properly design, install and maintain landscape features serving stormwater runoff water quality treatment and volume reduction functions. Low Impact Development (LID) designs seek to approximate pre-development runoff hydrology by allowing storm runoff to infiltrate into the landscape rather than routing urban runoff directly into the storm sewer.	X	X	X	X	X	X	X	X
Drainage	2004	35	Revegetation of Drainageways	Establish a robust cover of vegetation to promote proper functioning of engineered drainage structures such as grass-lined channels, detention basins, retention ponds, and wetlands.	X	X	X			X	X	X
Drainage	2004	36	Riparian Buffer Preservation	Preserve wide, undisturbed natural riparian areas along streams.	X	X	X			X	X	X
Education	2004	37	Employee Education	Educate industry employees on water quality and water conservation practices.	X	X	X	X	X	X	X	X
Education	2004	38	Public Education	Model and teach water conservation and water pollution prevention to the general public and consumers of green industry products.	X	X	X	X	X	X	X	X
Education	2004	39	Regulatory Awareness	A variety of local, state and federal environmental regulations impact landscaping and nursery operations. Green industry professional should be aware of these regulations and comply with their requirements.	X	X	X	X	X	X	X	X
Support	Sig. Rev.	40	References	References used in Manual with hyperlinks.	X	X	X	X	X	X	X	X

Table 1. Master List of GreenCO BMPs and Supporting Information with Applicability to Member Industries

General Category	Status	BMP Order	BMP	BMP Description	ASLA	ALCC	CALCP	CNGA	GCC	ISA	RMSGA	GCSAA
Support	New	41	Glossary	Basic definitions of key terms.	X	X	X	X	X	X	X	X
Support	2004	42	Appendix A Basic Erosion Sediment Control	Basic erosion and sediment control guidance from Urban Drainage and Flood Control District, Denver.	X	X	X					X
Support	2004	43	Appendix B Basic Stormwater BMPs	Basic stormwater BMP guidance from Urban Drainage and Flood Control District, Denver.	X	X	X					X
Support	2004	44	Appendix C Potentially Applicable Regulations	Overview of representative regulations affecting the Green Industry.	X	X	X	X	X	X	X	X
Support	2004	45	Appendix D Water Budget Calculator	Overview of GreenCO's on-line water budget calculator from www.greenco.org.	X	X	X	X	X	X	X	X
Support	2004	46	Appendix E Plant Water Requirements (Kc/ET)	Plant lists rated according to water requirements; "Kc List".	X	X	X	X	X	X	X	X
Support	New	47	Appendix F Historical Grass Reference ET Tables	Historical grass reference ET for various Colorado communities.	X	X	X	X	X	X	X	X
Support	New	48	Appendix G Irrigation Efficiency Audit--Pre-audit Checklist	Pre-irrigation audit checklist developed by Colorado WaterWise Council.		X	X					X
Support	New	49	Appendix H Salt Tolerant Plants	Summary of relative salt tolerance of various plants, prepared by Curt Swift, CSU Extension, Tri-Rivers Area.	X	X	X	X	X	X	X	X
Support	New	50	Appendix I Continuing Education	Summary of continuing education and certification opportunities.	X	X	X	X	X	X	X	X
Support	New	51	Appendix J Industry Checklists	Checklists of key practices for various GreenCO member industries.		X	X	X	X	X	X	

ASLA = American Society of Landscape Architects (Colorado Chapter)
ALCC = Associated Landscape Contractors of Colorado, Inc.
CALCP = Colorado Association of Lawn Care Professionals
CNGA = Colorado Nursery and Greenhouse Association
GCC = Garden Centers of Colorado
ISA = International Society of Arboriculture (Rocky Mountain Chapter)
RMSGA = Rocky Mountain Sod Growers Association
GCSAA = Golf Course Superintendents Association of America (Rocky Mountain Chapter)

Literature Review

In 2002, a key component of the original project was to identify to the degree to which the Green Industry BMPs have been developed. As of 2008, over 350 references have been considered in development of the GreenCO BMPs. As a credit to the environmental awareness already present in the Green Industry, the majority of the BMPs included in this manual already have high quality publications, brochures and other materials available from multiple sources. Most of the industry certification manuals also cover many of these BMPs. The challenge to the Green Industry is ensuring that BMPs are implemented more broadly among its individual members. This manual, combined with the GreenCO training program, will serve as a key step toward achieving this goal.

In general, the written information on Green Industry water conservation and water quality BMPs was consistent among sources, at least in principle, even if the details of the practice varied somewhat. Given the broad scope of this manual, primary emphasis has been given to communicating the basic principles. Where differing recommendations exist with regard to supporting details for the BMP, the source of the recommendation has been provided with an acknowledgement that recommendations may vary among industry professionals. An example relates to fertilizer application. Most key sources agree on the basic principles that fertilizer application should be timed to the needs of the plants and that fertilizer should not be over-applied. However, significant variation in recommended fertilizer application rates exists among references and member industries. In the case of lawn fertilizer application, a table of recommendations prepared by CSU Extension experts was included as reasonable guidance for the industry with an acknowledgement that best professional judgment and site conditions should be taken into consideration.

Some of the key information sources that industry professionals may be interested in obtaining that have been important resources in developing this manual include industry certification manuals, industry web sites, local government ordinances, CSU Extension resources and others. Links to member industry websites and several other key sources of information are provided below. Green Industry members should also check the websites for local governments where they work for special requirements related to all phases of landscaping. Appendix I provides a list of industry certification programs that can be pursued to go further in depth into specific areas of practice.

Industry Websites

American Nursery and Landscape Association (ANLA) Website: www.anla.org.

American Society of Landscape Architects (ASLA) Website: www.asla.org.

Associated Landscape Contractors of Colorado (ALCC) Website: www.alcc.com.

Colorado Association of Lawn Care Professionals (CALCP) Website: www.lawncarecolorado.org/.

Colorado Nursery and Greenhouse Association (CNGA) Website: www.coloradonga.org.

Garden Centers of Colorado (GCC) Website: www.gardencentersofcolorado.org.

Golf Course Superintendents Association (GCSAA) Website: www.gcsaa.org/.

Golf Course Superintendents Association, Rocky Mountain Chapter (RMGCSAA) Website www.rmgcsa.org/

GreenCO Website: www.greenco.org.

International Society of Arboriculture (ISA) Website: www.isa-arbor.com/.

International Society of Arboriculture, Rocky Mountain Chapter (ISA/RMC) Website: www.isarmc.org.

Professional Landcare Network (PLANET) Website: http://www.landcarenetwork.org.

Rocky Mountain Sod Growers Association (RMSGA) Website: www.rockymountainsodgrowers.com.

Colorado State University Extension Resources

Colorado State University Extension Gardening On-line Website: www.ext.colostate.edu/pubs/garden.

Colorado State University Extension Drought Task Force Website: www.drought.colostate.edu/.

Colorado State University Extension Plant*talk* Colorado Website: www.ext.colostate.edu/ptlk.

Colorado State University Extension Soils Program Website: www.extsoilcrop.colostate.edu/Soils/pub.htm.

Colorado State University Extension Tri-River Area, Western Slope Gardening Website: www.westernslopegardening.org/.

Colorado State University Turfgrass Program Website: csuturf.colostate.edu/.

Colorado Water Resources Research Institute Website: cwrri.colostate.edu.

Other Resources

Colorado Department of Local Affairs. 2004. *Water Efficient Landscape Design Model Ordinance*. Website: www.dola.state.co.us/smartgrowth/. Denver, CO: Colorado Department of Local Affairs, Office of Smart Growth.

Colorado Springs Utilities Xeriscape Website: www.csu.org/xeri.

Colorado Water Conservation Board. Website: www.cwcb.state.co.us.

Colorado WaterWise Council Website: coloradowaterwise.org/

Denver Public Library Xeriscape Information Website: www.denver.lib.co.us/dpl/news/xeriscape.html.

Denver Botanic Gardens and Colorado State University Extension Plant Select® Website: www.plantselect.org.

Denver Water Conservation and Xeriscape Website: www.denverwater.org/cons_xeriscape/cons_xeriscapeframe.html

Irrigation Association Website: www.irrigation.org.

Irrigation Training and Research Center, Cal-Poly State University, San Luis Obispo, California Website: www.itrc.org.

Northern Colorado Water Conservancy District Website: www.ncwcd.org/.

Rocky Mountain Water Environment Association Website: www.rmwea.org/.

Save Our Shade Website: saver.denverwater.org/saveourshade.asp.

Trees Are Good Website: www.treesaregood.com/.

Turf Resource Center Website: www.turfgrasssod.org.

U.S. Composting Council Website: www.compostingcouncil.org.

U.S. Environmental Protection Agency, Greenscapes Program Website www.epa.gov/greenscapes/.

U.S. Environmental Protection Agency, WaterSense Program Website www.epa.gov/WaterSense.

U.S. Green Building Council Websites: www.gbci.org/ or www.usgbc.org/.

Water Reuse Association Website: www.watereuse.org.

X-Rated® Gardening Website: www.xratedgardening.com/.

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GreenCO BMPs for the Protection and Conservation of Water Resources in Colorado: Moving Toward Sustainability

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