



Directory of Resources

This directory is a tool for the Master Water Stewards to aid in the efforts to reduce stormwater runoff.

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Tools and Websites

Contact information and specifications	
<p>Blue Thumb - Planting for Clean Water</p> <p>http://bluethumb.org/</p>	<p>Angie Hong angie.hong@mnwcd.org 651-275-1136 x.35</p> <p>Blue Thumb - Planting for Clean Water™ is an award-winning collaborative program originally developed by Rice Creek Watershed District. Blue Thumb partners are a group of professionals from local governmental units (watershed and conservation districts, cities, counties); non-profit and community organizations; and nursery and landscape professionals. The Blue Thumb program was featured as the first stop on the "Blue Legacy Tour" co-sponsored by National Geographic.</p>
<p>Department of Environmental Conservation</p> <p>http://www.dec.ny.gov/chemical/8694.html</p>	<p>dpaeweb@gw.dec.state.ny.us</p> <p>This is a website for the state of New York, the information and tips are universally useful.</p>
<p>Home Advisor Website</p> <p>http://www.homeadvisor.com</p>	<p>This website will help match an installation project to a contractor.</p>
<p>Interactive Displays and Exhibits</p> <p>Minnehaha Creek Watershed District</p>	<p>Mollie Thompson mthompson@minnehahacreek.org</p> <p>Enviroscape The Enviroscape interactive watershed model allows you to sprinkle 'pollution' (colored powder) and then see what happens when it 'rains' (spray bottle) on the watershed. Learn more about the Enviroscape.</p> <p>Putt Putt for Clean Water MCWD owns fun and educational putt putt holes that are light and easily transportable. To request the holes for your event or festival, contact our Education Manager. The course comes with educational posters for each hole. Learn more about the Putt Putt. You may view a PDF of each sign here.</p> <p>Your Street Connects to Lakes and Rivers The "Your Street Connects to Lakes and Rivers" interactive display has a pipe in which users can drop balls of 'stormwater' into the storm drain and see them come out at the local swimming hole.</p>

Lake and River Health (monitoring information)

Contact information and specifications	
Biological & Chemical Stream Monitoring (PDF) http://georgiaadoptastream.com/Mannuals_etc/Bio_Chem/Bio_Chem.pdf	DNR Georgia Document for the State of Georgia with universal tips
Minneapolis City of Lakes http://www.minneapolismn.gov/publicworks/stormwater/stormwater_monitoring	The Annual Water Resources Report is a comprehensive technical reference of water quality information for the citizens of Minneapolis. Electronic copies of the reports are available on the MPRB website, and can be found in the <i>Caring for Our Parks - Lakes, Streams and Wetlands</i> section. Hard copies of these reports are also available for check out at Minneapolis public libraries.
Minnesota Pollution Control Agency Website	Current Mississippi River Watershed Information

Rainscaping solutions

Contact information and specifications	
Earth Wizards 1071 County Road 10 NE Minneapolis, MN 55432 http://earthwizards.com/	Stacy Anderson info@earthwizards.com 763.784.3833 We strive to bring renewal to the landscape and add long-term value and aesthetic appeal to the community while remaining focused on low-impact development and the “greening” of urban spaces. We have passion for clean water and look at each project with that in the mind. Today, with a team of landscape architects, biologists, engineers and contractors, Earth Wizards brings a wide range of expertise to each project. Earth Wizards handles every detail from basic to extensive design to completion ensuring that every project is completed properly.

<p>Ecological Gardens</p> <p>4105 Washburn Ave. N. Minneapolis, MN 55412 http://www.ecologicalgardens.com/</p>	<p>Paula Westmoreland paula@ecologicalgardens.com</p> <p>Ecological Gardens is a locally owned permaculture design company creating landscapes which integrate food, function, and beauty. Our innovative designers are committed to restoring health and abundance to the land while reconnecting humans with their food and the rest of the natural world.</p> <p>We believe that an abundant future begins with healthy natural systems. Building soil, capturing and distributing water through integrated systems, and designing sustainable plant communities are integral components of our designs. We offer a range of customized products and services that can be tailored to meet your personal and site specific needs. Special features of our water management designs include: berms and swales, dry creek beds, ponds, rain gardens and rain barrels.</p>
<p>Ecoscapes Sustainable Landscaping</p> <p>2183 Storland Road Egan, MN 55122 http://www.ecoscapes1.com/</p>	<p>Craig Stark craigstark@ecoscapes1.com 612-965-0848</p> <p>A full service landscape design / build / do-it-yourself landscaping contractor serving the Minneapolis and St. Paul (Twin Cities Metro), Minnesota, based in Egan and Burnsville, MN. We specialize in landscape renovations. We design and install raingardens, shoreline renovation projects, native plantings, trees, shrubs, flowers, traditional landscapes, permeable paver driveways and parking areas, paver patios and paver walkways, retaining walls and stairs, drainage systems, water features, outdoor kitchens, and entertaining spaces.</p>
<p>EnergyScapes, Inc</p> <p>1708 Selby Ave St. Paul, MN 55104 http://energyscapes.com/</p>	<p>Douglas Owens-Pike projectmanager@energyscapes.com 612-821-9797</p> <p>Since 1989 EnergyScapes, Inc. has been designing, installing and maintaining landscapes that use native plants to create beauty, harmony and a connection to the natural world for the people living and working around them. Our goal is to create places of sanctuary and oasis for people that also benefit our environment. We utilize native plants compatible with the landscape setting.</p>
<p>Field Outdoor Spaces</p> <p>1209 Tyler Street NE, Suite 250 Minneapolis, MN 55413 http://fieldoutdoorspaces.com/</p>	<p>Jason Rathe field@fieldoutdoorspaces.com 612.789.9381</p> <p>For eight years & counting, Field Outdoor Spaces has helped urban homeowners get the most from their limited outdoor spaces. We design and build dynamic and high-impact landscapes that are easy to care for in the Minneapolis and St Paul metro. And, with our fieldCare garden services program, we are always there to help as your landscape grows and matures.</p>

<p>Great River Greening</p> <p>35 West Water Street Ste 201 Saint Paul, MN 55107 www.greatrivergreening.org</p>	<p>Deborah Karasov info@greatrivergreening.org 651-665-9500</p> <p>Great River Greening is the state leader for community-based restoration and stewardship. We have partnered with hundreds of public and private entities across Minnesota, forging long-term relationships and offering ecological and community assistance that will support ongoing management through the years. We offer: highly trained ecological staff, a dynamic community and youth involvement program; funding partnerships.</p>
<p>Local Roots Landscapers</p> <p>P.O. Box 14592 Minneapolis, MN 55414 http://www.localrootslandscapers.com/index.html</p>	<p>Meredith Cooley local_roots@yahoo.com 651-222-7405</p> <p>A small Twin Cities based business offering design, installation and renovation of landscapes using native plants, natural stonework, and sustainable practices. At Local Roots Landscapers we will design a landscape that fits your needs and lifestyle while protecting and enhancing our environment.</p>
<p>No-Stress Gardening and Landscapes</p> <p>150 Pioneer Trail Chaska MN 55318</p>	<p>Mary Davy mdavy@nostressgardening.com 612-267-0525</p> <p>The focus of No-Stress Gardening is truly Landscape Management . . . All facets of reclamation, renovation and MAINTENANCE. Our goal is to provide first-class, full-service, horticulturally sound Landscape Management. Donna Herman and Mary Davy are the proprietors and together have more than 20 years' experience in the Landscape Maintenance and Construction Industry.</p>
<p>True Nature Design</p>	<p>Roxanne T. Stuhr roxanne@truenaturedesignonline.com 612-558-3161</p> <p>We offer complete design, installation and management services. From gardens to containers, walls, patios, walks and drives.</p>

Water in Motion

175 James Avenue North Minneapolis,
MN 55405

www.watermotion.com

Timothy Malooly tim@watermotion.com 763-559-1010

A Minneapolis-based consulting & engineering firm specializing in outdoor water use and reuse projects and applied technologies. The Water Management division works with clients who have landscape irrigation systems to use weather, soil-moisture and other technologies to efficiently operate their landscape irrigation systems. Projects include: landscape irrigation design, consulting, irrigation system audits, reports, stormwater and rainwater harvest and reuse projects, reuse opportunities projects, master planning, stormwater fee reduction.

Native Plants**Contact information and specifications****DNR-Landscaping with Plants**

(651) 296-6157 info.dnr@state.mn.us

500 Lafayette Rd
St. Paul, MN 55155-4040
<http://www.dnr.state.mn.us/gardens/nativeplants/index.html>

Native plants are increasingly used for gardening, landscaping, and restoring and reclaiming native plant communities. They can provide natural beauty, cost-effective landscaping alternatives, environmental services, and habitat for wildlife. This website provides resources for Minnesotans interested in learning more about how to use native plants.

Gertens

(651) 450-1501 info@gertens.com

5500 Blaine Ave
Inver Grove Heights, MN 55076
<http://www.gertens.com>

Widest selection of annuals, perennials and nursery stock in the Twin Cities, Gertens is only one of a handful of garden centers that grows the majority of the goods we sell, making your entire experience unlike any other.

Glacial Ridge Growers

Gene and Muriel Stark glacridgegrowers@aol.com

25132 250th Avenue
Glenwood MN 56334
Phone: 320-634-0136
Metro Office 7140 Casey Parkway
Prior Lake, MN 55372 Phone:
952.447.6858
<http://www.glacialridgegrowers.com>

At Glacial Ridge, we nurture the natives, producing the same handsome and hardy cultivars that have inhabited the prairies for centuries. We strive to bring back and restore the genetics of the past to ensure the beauty and diversity of the future. Now everyone can experience a bit of what the early explorers to the Great Plains experienced.

<p>Hedberg Nursery</p> <p>8400 60th Street North Stillwater MN 55082 Phone: 651-748-3158</p> <p>Hedberg's Plymouth Location 1205 Nathan Lane N. Plymouth, MN 55441</p> <p>http://www.hedberglandscape.com/</p>	<p>stillwater@hedberglandscape.com info@hedbergaggates.com 763-545-4400</p> <p>Conveniently located between Oakdale and Stillwater on highway 36 one mile east of 694. Features native plants, raingarden materials, organic pest control and fertilizers, permeable pavers, reclaimed brick pavers, a wide range of native stone, rainbarrels and new RainXchange rainwater harvesting systems. Hedberg also has hardscape supplies stores stores in Plymouth and Farmington.</p>
<p>Minnesota Board of Water and Soil</p> <p>520 Lafayette Road North St. Paul, MN 55155</p> <p>http://www.bwsr.state.mn.us/nativevegetation/</p>	<p>(651) 296-3767</p> <p><i>Native Vegetation/ Seed Mixes</i></p> <p>Find resources to identify which plants are native, and how to find them</p>
<p>Minnesota Native Landscapes, Inc.</p> <p>8740 77th St. NE Otsego MN 55330</p> <p>http://www.mnnativelandscapes.com/</p>	<p>763-295-0010 keith@mnlcorp.com</p> <p>A full service ecological restoration contractor specializing in the installation and management of native plant communities, including the production of Minnesota ecotype seed and plants.</p>
<p>Minnesota Wildflowers</p> <p>http://www.minnesotawildflowers.info/</p>	<p>Katy Chayka info@MinnesotaWildflowers.info</p> <p>Photos and information about wildflowers that grow in Minnesota, both native and non-native.</p>
<p>Mother Earth Gardens</p> <p>3738 42nd Avenue South Minneapolis, MN 55406</p> <p>http://www.motherearthgarden.com/</p>	<p>(612) 724-2296 info@motherearthgarden.com</p> <p>Specializing in organic gardening, sustainably grown plants and eco-friendly products.</p> <p>Great selection of natives, including native trees and shrubs, beneficial insects, and an interesting variety of locally made gifts and garden decor.</p>
<p>The Vagary</p> <p>http://www.thevagary.com</p>	<p>Nancy Schumacher nancy@thevagary.com (507) 263-5369</p> <p>Since 1985 the Vagary has grown quality perennials, native plants, and herbs for sale in the Minneapolis/St. Paul Twin Cities area. We sell plants from our home at event sales, at a few special events in the Twin cities area, and by special order.</p>

Wild Flower Center

Web Resource

<http://www.wildflower.org/collections/collection.php?collection=MN>

Commercially available native plant species suitable for planned landscapes in Minnesota. Visit our [Suppliers Directory](#) to locate businesses that sell native plants or seeds or provide professional landscape or consulting services in this state. Visit the [Organizations Directory](#) to locate native plant societies, conservation groups, governmental agencies, botanical gardens, arboreta, and other plant-related organizations in this state.

Rain Barrels**Contact information and specifications**

Austin Water Newsletter from 2008

http://www.enebuilder.net/watercon/e_article001088596.cfm

(512 974-2199 watercon@ci.austin.tx.us)

Like most things around your home, your rainbarrel needs a little regular attention to keep working smoothly. Some of our conservation staff experts provide the following tips to keep your rainbarrel in the best shape possible:

Blue River Rain Barrels

1620 Central Ave Suite #158
Minneapolis, MN 55413

www.bluerivermn.com

(651) 238-5332 info@blueriverMN.com

Blue River supplies wooden and plastic rain barrels and can help you answer any maintenance or installation questions!

By The Barrel- Metro Blooms

<http://www.bythebarrelmn.com/index.html>

(651) 245-1366 bythebarrel@gmail.com

By The Barrel is a family owned and operated business located in Minneapolis, MN. We specialize in crafting one-of-a-kind items from quality used wine barrels. We ship our barrels directly from small vineyards in California, which helps us to continue in our tradition of environmentally friendly business practices that are good for local economies. Our products are made from recycled materials and are hand-crafted right here in Minnesota.

Gertens

5500 Blaine Ave
Inver Grove Heights, MN 55076

<http://www.gertens.com>

(651) 450-1501

Gertens sells three different plastic barrels ranging in size from 50 to 75-gallons and ranging in

Priced from \$120-\$180. Available year round.

<p>Mother Earth Gardens</p> <p>3738 42nd Avenue South Minneapolis, MN 55406</p> <p>http://www.motherearthgarden.com /</p>	<p>(612) 724-2296 info@motherearthgarden.com</p> <p>Three styles of rain barrels are available, two of which are made from recycled materials.</p>
<p>Rain Barrel Source</p> <p>http://www.rainbarrelsource.com</p>	<p>Browse and purchase different types of rain barrels!</p>
<p>RiverSides</p> <p>www.riversides.org</p>	<p>(416) 868-1983 info@riversides.org</p> <p>Barrels hold 132 gallons, are octagonal, made of UV-stable HDPE to prevent warping and fading from UV rays.</p>

Permeable Pavers

<i>Contact information and specifications</i>	
<p>Azek Pavers</p> <p>VAST Enterprises, LLC 1828 Marshall St NE Ste 15A Minneapolis, MN 55418</p> <p>http://www.azek.com/pavers/</p>	<p>sales@vastpavers.com (612) 234-8958</p> <p>AZEK Permeable Pavers are a superior alternative to concrete permeable pavers. Combined with an open-graded base, AZEK Permeable Pavers can reduce runoff-generating impervious cover and decrease the rate and quantity of runoff. Paver joints are filled with small stones and independently tested at an infiltration rate of over 480 inches per hour.</p>
<p>Backyard MN</p> <p>940 Elm Street East Annandale, Minnesota 55302</p> <p>www.Backyardmn.com</p>	<p>(320) 274-6336 info@backyardmn.com</p> <p>A full-service landscape design/build contractor with an experienced and professional management team that will provide the highest quality project within your budget.</p>
<p>Lake Superior Streams</p> <p><i>Web Resource</i></p> <p>http://www.lakesuperiorstreams.org</p>	<p>(218) 730-4050</p>

<p>Minnesota Storm Water Manual - MPCA</p> <p><i>Design Criteria for Permeable Pavers</i></p> <p>http://stormwater.pca.state.mn.us/</p>	<p>(651) 296-6300</p> <p>Information on design considerations, criteria and specifications for permeable pavement. Base/subbase thickness is determined for water storage using hydrologic sizing and/or dynamic modeling over time. Base/sub-bases thickness for supporting traffic is determined using structural design methods. The thicker of the two resulting designs is employed.</p>
<p>Nemo Northland</p> <p>http://www.northlandnemo.org/images/NNEMO%20PPPP%20fact%20sheet-final.pdf</p>	<p>It goes by many different names but they all mean the same thing—a surface that will allow water to increase throughout the Twin Cities metro area because of its ability to help clean up storm water runoff. It was only a few short years ago that examples of this technology were hard to come by in Minnesota but now there are many sites to see and learn from.. (Learn about the pros and cons of permeable pavers and the steps to installation).</p>
<p>Willow Creek Paving Stones</p> <p>8500 Jefferson Lane North Brooklyn Park, MN, 55445</p> <p>http://www.willowcreekpavingstones.com/photos/Permeable%20Solutions</p>	<p>(763) 488-1300</p> <p>Willow Creek is your sustainable landscaping partner. Our two lines of permeable pavers help control stormwater runoff and protect our precious water resources.</p>

Community Outreach Materials

<p><i>Contact information and specifications</i></p>	
<p>Local Newspaper List</p> <p>Find out what is happening in your neighborhood!</p>	<p>http://www.allyoucanread.com/minneapolis-newspaper-mn/</p>
<p>Minneapolis City of Lakes - Neighborhood and Community Relations (NCR)</p> <p>Crown Roller Mill 105 5th Avenue South, #425. Minneapolis, MN 55401</p> <p>http://www.minneapolismn.gov/ncr/</p>	<p>(612) 673-3737 ncr@minneapolismn.gov</p> <p>NCR is part of the broader City Coordinator department and will both serve residents directly and support all other City departments with enterprise guidance in the realm of strong neighborhood and community relationships.</p> <p>NCR is charged with strengthening our City's quality of life through vigorous community participation, resident involvement in neighborhood and community organizations, and supporting clearly defined links between the City, City services and neighborhood and community organizations.</p>

<p>Mississippi Watershed Management Organization</p> <p>2522 Marshall Street NE Minneapolis, Minnesota 55418-3329</p> <p>http://www.mwmo.org/educationprogram.html</p>	<p>(612) 465-8780</p> <p>Achieving widespread education about water and natural resources is at the core of a successful watershed management plan. Greater knowledge and awareness leads to adjustments in personal, corporate, and institutional behaviors and expectations and ultimately, changes policy and standard ways of doing business</p>
<p>National Pollutant Discharge Elimination System</p> <p>http://cfpub.epa.gov/npdes/stormwater/menuofbmps/index.cfm?action=min_measure&min_measure_id=1</p>	<p>Because stormwater runoff is generated from dispersed land surfaces—pavements, yards, driveways, and roofs—efforts to control stormwater pollution must consider individual, household, and public behaviors and activities that can generate pollution from these surfaces. These common individual behaviors have the potential to generate stormwater</p>
<p>Washington State Department of Ecology</p> <p>[PDF]</p> <p>https://fortress.wa.gov/ecy/publications/publications/0710092.pdf</p>	<p>Tips on how to determine a good target neighborhood and evaluate the progress.</p>

Stormwater Policy

<i>Contact information and specifications</i>	
<p>AD Greenroof LLC</p> <p>3337 45th Ave S Minneapolis, MN 55406 www.adgreenroof.com</p>	<p>Angie Durhman angie@adgreenroof.com 612-327-2953</p> <p>AD Greenroof LLC provides a variety of consulting services for your vegetated roof project - whether in design and concept, finding value engineering within a project, specification review, or restoring a failing roof. Other services include horticultural recommendations for the "right plant, right place" in a variety of landscapes and applications.</p>
<p>City of Minneapolis</p> <p>Web Information</p> <p>http://www.minneapolismn.gov/publicworks/stormwater/stormwater_local-surface</p>	<p>On this website, you can find information about the Local Surface Water Management Plan</p>

Chloride Management

<i>Contact information and specifications</i>	
Minnesota Pollution Control Agency 520 Lafayette Road St. Paul, MN 55155 Website	MPCA recommends a low-salt diet for Minnesota waters. Doctors tell us to stick to a low-salt diet. Our lakes and streams should follow the same advice. When winter comes and snow and ice buildup on Minnesota roads, parking lots, and sidewalks, one of the most common reactions is to apply salt, which contains chloride, a water pollutant.
Mississippi Watershed Management Organization 2522 Marshall Street NE Minneapolis, Minnesota 55418-3329 http://www.mwmo.org/wintertrainings.html	612-465-8780 Winter Maintenance Training Information A FREE Workshop for Snow Removal Contractors, Landscapers and Property Managers
New Hampshire Department of Environmental Services 29 Hazen Drive Concord, NH 03301 http://des.nh.gov/organization/divisions/water/wmb/was/salt-reduction-initiative/index.htm	Eric Williams eric.williams@des.nh.gov (603) 271-2358
Snow and Ice BMP's (parking lots, sidewalks, roads) Website	University of Minnesota's Center for Transportation Studies
USGS Chloride Publication http://pubs.usgs.gov/sir/2009/5086/pdf/sir2009-5086.pdf	United States Geological Survey PDF only

Aquatic Invasive Species

<i>Contact information and specifications</i>	
Minnesota Department of Natural Resources 500 Lafayette Road St. Paul, MN 55155-4040 http://www.dnr.state.mn.us	Keegan Lund Keegan.Lund@state.mn.us 651-259-5828 April Rust April.Rust@state.mn.us (651) 259-5706 Invasive species are species that are not native to Minnesota and cause economic or environmental harm or harm to human health. Minnesota waters are threatened by aquatic invasive species. It is illegal to transport any aquatic plants, zebra mussels, New Zealand mudsnails or other prohibited invasive species, or to launch a boat or trailer with these species attached.
The Nature Conservancy The Nature Conservancy 4245 North Fairfax Drive, Suite 100 Arlington, VA 22203-1606 www.nature.org	The Nature Conservancy is working to prevent and control the spread of invasive species in all 50 states and across more than 30 countries around the world. Together with our partners we are focusing on prevention and early detection as the most effective strategies to combat invasive species.
United States Department of Agriculture Center for Invasive Species and Ecosystem Health 4601 Research Way Administrative Building, Room 113 P.O. Box 748 • Tifton, GA 31793 www.invasive.org	(229) 386-3298 bugwood@uga.edu The Global Invasive Species Team: Invasive Plant documents and photographs

Cost Sharing

<i>Contact information and specifications</i>	
Hennepin County Environmental Services 701 Fourth Avenue South, Suite 700 Minneapolis, MN 55415 Hennepin Co. Website	Stacy Lijewski stacey.lijewski@co.hennepin.mn.us 612-348-9938

Minnehaha Creek Watershed District

15320 Minnetonka Blvd
Minnetonka, MN 55345

<http://www.minnehahacreek.org/grants>

Brett Eidem beidem@minnehahacreek.org 952-641-4523

One of the most significant ways the Minnehaha Creek Watershed District (MCWD) partners with residents, business owners, and local governments to improve water quality is through a wide variety of grant programs. The programs offer financial and other assistance to develop good solutions that will improve water management and quality, while helping property owners enjoy their property to the fullest extent possible.

Grants are currently available for replacing failing septic systems, installing rain gardens or improving the shorelines of a nearby stream or lake.

Minnesota Board of Water and Soil Resources

520 Lafayette Road North
St. Paul, MN 55155

<http://www.bwsr.state.mn.us/grants/index.html>

(651) 296-3767

BWSR grants provide funding to local units of government to deliver soil and water conservation services to their communities. Grant funds support and increase local capacity to implement programs and, provide cost-share with landowners who install conservation practices on their land to benefit state water and soil resources.