

Green Infrastructure Seminar Series

February 28, 2012

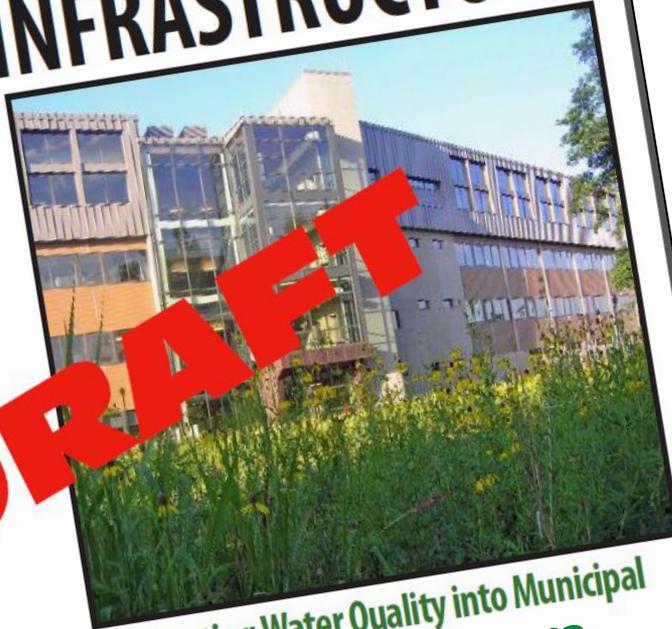
Columbia, MO

Bradford Research Center



Missouri
Department of
Natural Resources

Missouri Guide to **GREEN** INFRASTRUCTURE



DRAFT

Integrating Water Quality into Municipal
Stormwater Management **2012**



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Any day now...

Guide Purpose

- For municipalities and their development communities
- How to integrate green infrastructure into local development in a cost-effective manner to:
 - address community goals
 - aid stormwater compliance
- Funded by an EPA State and Tribal Assistance Grant

Caveats

- Not a design manual
- Not a regulatory document

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- 1. Chapter 1: Introduction to Green Infrastructure**
- 2. Chapter 2: Sustainable Site Design, Development Plan and Land Use Planning**
- 3. Chapter 3: Green Infrastructure for MS4 Post Construction Runoff Management**

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4. Chapter 4: Integrating Green Infrastructure into Ordinances
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6. Stormwater Control Measures: Strategies, Practices & Tools
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St. Francois State Park, Big River
Photo: Scott Meyer

Important Dates

- Permit Application
Deadline 12-12-2012
- Next general permit
scheduled to be issued
June 13, 2013

Regulations

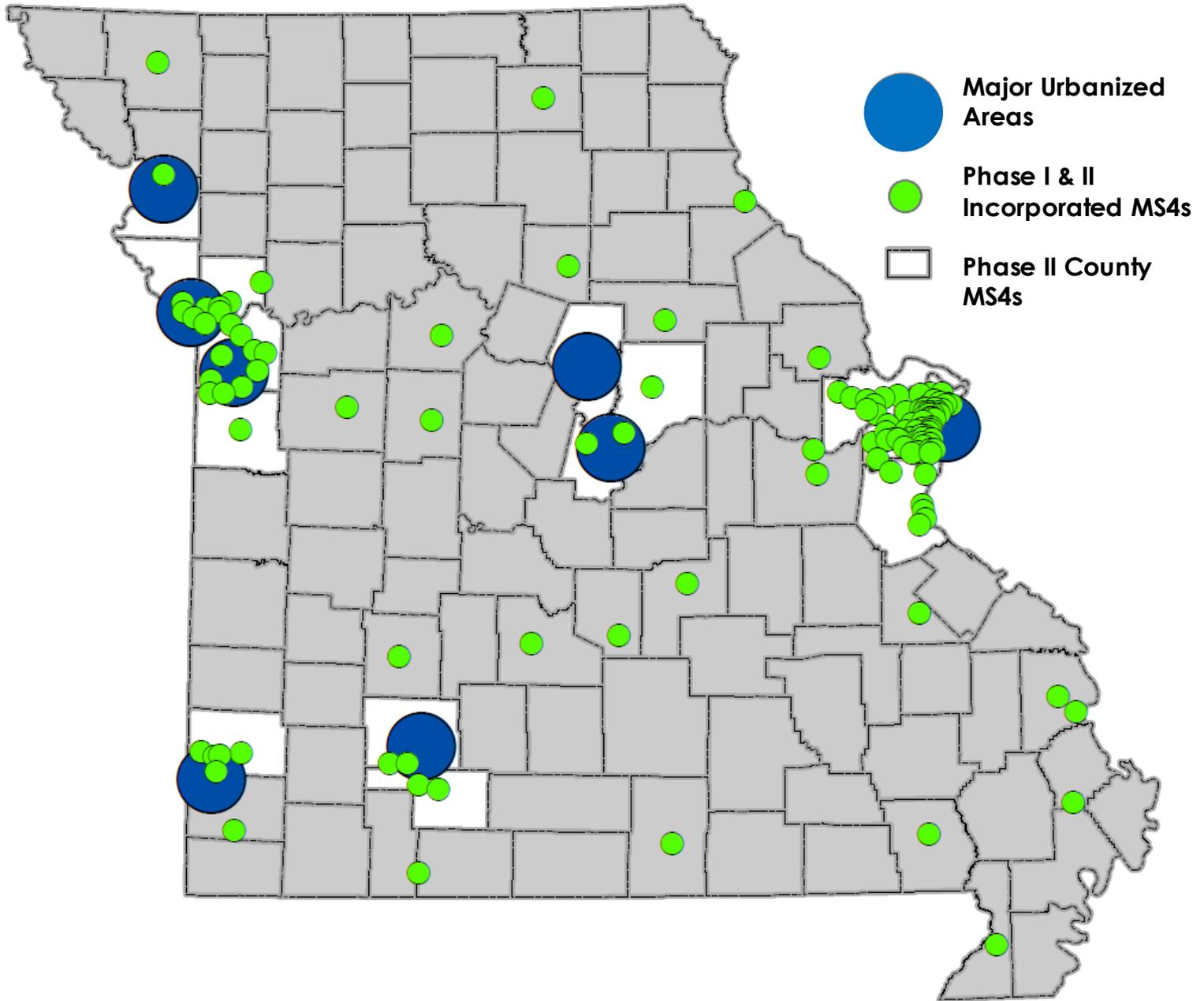
- NPDES Regulations
 - 40 CFR Parts 9, 122, 123, 124 (**expected revisions to be proposed 2012**)
 - 10 CSR 20-6.200
- Regulated MS4s
 - Phase Is – 100,000+ pop/2000 Census
 - Phase IIs
 - 1,000+ within Urbanized Areas
 - 10,000+ outside Urbanized Areas

Missouri's Phase I & Phase II Storm Water Communities *Revised January 6, 2012*

Arnold	Cole County	Harrisonville	Neosho	St. Charles County
Ballwin	Columbia	Hazelwood	Newton County	St. George
Battlefield	Cool Valley	Herculaneum	Nixa	St. John
Bellefontaine Neighbors	Cottleville	Holts Summit	Normandy	St. Joseph
Bel-Nor, Village Of	Country Club, Village of	Independence*	North Kansas City	St. Louis (MSD)
Bel-Ridge, Village Of	Crestwood	Jackson, City of	Northwoods	St. Louis County
Belton	Creve Coeur	Jackson County (Salem E)	Norwood Court, Town of	St. Martins
Berkeley	Crystal City	Jasper County	Oakland	St. Peters
Black Jack	Dardenne Prairie	Jefferson City	O'Fallon	Sugar Creek
Blue Springs	Dellwood	Jefferson County	Olivette	Sunset Hills
Bolivar	Des Peres	Jennings	Overland	Troy
Boone County	Duquesne	Joplin	Ozark	Town And Country
Branson	Eureka	Kansas City*	Pagedale	U.S. Medical Center for Federal Prisoners
Breckenridge Hills	Ellisville	Kennett	Parkville	Union
Brentwood	Excelsior Springs	Kirksville	Pevely	University of Missouri-Col
Bridgeton	Farmington	Kirkwood	Platte County	Valley Park
Buchanan County	Fenton	Ladue	Pleasant Valley	Vinita Park
Bymes Mill	Ferguson	Lake Lotawana	Poplar Bluff	Warrensburg
Callaway County	Festus	Lake St. Louis	Raymore	Warson Woods
Calverton Park, Village of	Florissant	Lakeshire	Raytown	Washington
Cape Girardeau	Fort Leonard Wood	Lebanon	Republic	Weatherby Lake
Carl Junction	Frontenac	Lee's Summit	Richmond Heights	Webb City
Cartersville	Fulton	Liberty	Riverside	Webster Groves
Carthage	Gladstone	Manchester	Riverview, Village of	Weldon Spring
Cass County	Glendale	Marlborough, Village of	Rock Hill	Wentzville
Charlack	Grain Valley	Marshall	Rolla	West Plains
Chesterfield	Grandview	Maryland Heights	Sedalia	Wildwood
Christian County	Green Park	Maryville	Shrewsbury	Winchester
Clarkson Valley	Greene County	Mexico	Sikeston	Woodson Terrace
Clay County	Greenwood	MoDOT	Springfield*	
Claycomo, Village of	Hanley Hills, Village Of	Moberly	St. Charles	
Clayton	Hannibal	Moline Acres	St. Ann	

*Phase I Communities with populations of 100,000+ at the time of the 2000 census.

This list is subject to change upon official decennial census publication, redefinition of urbanized area boundaries, special designation or termination.



Stormwater Clearinghouse

Information available on the web at the DNR Stormwater Information Clearinghouse located at:

<http://dnr.mo.gov/env/wpp/stormwater/sw-local-gov-programs.htm>

The guide will be announced on the clearinghouse front page and posted on the Local (MS4) Government – Post-Construction web page

<http://dnr.mo.gov/env/wpp/stormwater/sw-local-gov-programs.htm#mcm5>

Questions?



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