

Green Infrastructure Seminar

FINAL AGENDA

April 11, 2012

Joplin City Hall, Fifth Floor Council Chambers
602 South Main Street
Joplin, MO 64801

Directions: <http://www.mapquest.com/directions>

Lodging: <http://www.joplinvb.com/lodgings.aspx>

For registration, email linda.mebruer@dnr.mo.gov

Seminar is Free of Charge

Lunch is on Your Own <http://www.visitjoplinmo.com/restaurants.aspx>

Certificates provided upon request – 7 Professional Development Hours

8:15 - 8:25 a.m.	Welcome: Mark Rohr, City Manager (invited)
8:25 - 8:35 a.m.	Introductions: David Herzberg, Public Works Director
8:35 - 8:45 a.m.	Introducing <i>The Missouri Guide to Green Infrastructure: Integrating Water Quality into Municipal Stormwater Management.</i> – Ruth Wallace, Municipal Stormwater Program Coordinator, Missouri Department of Natural Resources
8:45 - 9:15 a.m.	<i>The Alignment of Green Infrastructure with Voluntary Green Building Standards</i> - Matt Belcher, Certified Green Professional and Principal with Verdatek Solutions will discuss how inclusion and promotion of existing voluntary Green Building Programs will improve your municipal water issues and existing housing stock in a cost effective manner. Specifically, Matt will relate green infrastructure to the National Green Building Standard (ICC-700) and IGCC.
9:15 - 9:30 a.m.	Break
9:30 - 10:15 a.m.	<i>Positive Impacts of Storm Water Part 1:</i> Ted Spaid, Co-Founding Principal of SWT Design will discuss how proper planning and treatment of storm water can positively impact the triple bottom line of your community. His presentation will include built examples of bio filters that are used to create a positive public image, habitat enhancement and learning opportunities. Several design case studies will be presented showing the impact of proper design, installation and maintenance.
10:15-10:45 a.m.	<i>Selecting Water Quality Stormwater Control Measures</i> — Jeffrey L. Bruce, FASLA, LEED, ASIC, GRP The Missouri Guide to Green Infrastructure (Chapter 6) describes several water quality technologies. Jeff will discuss a green roof case study, among other green infrastructure practices and cost-benefit considerations.
10:45-11:15 a.m.	<i>Upgrading Ordinances, Review/Approval Processes and Green Incentives</i> –Brian Head, City Attorney for Joplin (invited) and Christine Bushyhead confirmed.) As with all proposed adoptions of, or changes to, regulations, this section will briefly discuss the necessity for local governments to thoroughly examine the relationship between any proposed regulations and their environment, community, property owners and other stakeholders to ensure successful legislation with little or no unintended consequences.
11:15-11:45 a.m.	<i>Entering into Effective Operation and Maintenance Agreements of Stormwater Practices</i> – Carrie Lamb, City of Springfield will share approaches to help ensure long-term maintenance of post-construction SCMs. Examples show how to boost accountability, consistency and flexibility.
11:45 a.m.-12:15	Municipal Panel/ Questions and Answers

12:15 –1:15 p.m.	Lunch
1:15 -1:35 p.m.	<i>Introducing the GreenTown Joplin Initiative</i> Catherine Hart
1:35 –1:55 p.m.	<i>Introducing an Opportunity: A Joplin Green Infrastructure Design Competition</i> Catherine Hart
1:55 –2:40 p.m.	<i>Modeling Approaches for Selecting Stormwater Control Measures (SCMs) and Evaluating their Performance.</i> Scott Struck (invited) —TetraTech, Denver, Colorado. This presentation will give an overview of available tools for quantifying SCM benefits, associated costs, and design considerations for new construction or redevelopment. In a resource limited environment, tools that quantify the cost/benefit relationships of proposed SCMs for a project can stretch the management dollar.
2:40 – 2:50 p.m.	Break
2:50 – 3:30 p.m.	<i>Positive Impacts of Stormwater Part 2-</i> Kim Chapman, Applied Ecological Services, will discuss sustainable site analysis, design and cost considerations, along with case studies and their social, environmental and economic benefits.
3:30 – 3:55 p.m.	<i>Geothermal Heat Systems and Other Alternative Energy Options: Phil Schoen</i>
3:55 – 4:20 p.m.	<i>Sustainable Building Supporting Thriving Communities</i> – Willy Crane, GreenTown Joplin will discuss how applying green building techniques to residential construction can reduce stormwater surge and help protect existing water supplies.
4:20 – 4:45 p.m.	<i>Questions & Answers</i>

Hosted by the Missouri Department of Natural Resources and the City of Joplin.