

August 7, 2015



**17<sup>th</sup> Annual EPA Region 6 Stormwater Conference  
October 18-22, 2015**

**In Partnership with U.S. Environmental Protection Agency and the States of the Region 6 and Hot Springs, AR**

**Hosted by:**

**Hot Springs, Arkansas  
Hot Springs Convention Center  
134 Convention Boulevard  
Hot Springs, AR 71901**

**NOTE:** Detailed Presentation descriptions, technical levels, learning objectives and presenter biographies are provided on a **Technical Speaker Document** that can be found at <http://www.cityhs.net/584/2015-Region-6-EPA-Stormwater-Conference> . Due to size of this document printed versions will **not** be provided at the conference. If a printed copy is desired, please download from the EPA website prior to arrival at the conference.

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## 2015 EPA Region 6 Stormwater Conference

Hot Springs Convention Center, 134 Convention Boulevard, Hot Springs, AR 71901

### Pre-conference Classes at Center

The following pre-conference certification classes are offered on Sunday at the Convention Center. Separate registration is required.

### SUNDAY, October 18<sup>th</sup>

Certification Class Times: 8:00AM-5:00PM

- Certified Municipal Separate Storm Sewer System Specialist (CMS4S)
- Certified Erosion, Sediment and Storm Water Inspector (CESSWI)
- Certified Professional Erosion and Sedimentation Control (CPESC)
- Certified Professional in Storm Water Quality (CPSWQ)

**Certification Test: Monday October 19, 2015; 7:00 – 11:30 am**

**NOTE:** All EnviroCert International, Inc. Certifications require pre-approval based on review of applications for Certification. Please contact Envirocert International, Inc. for details [www.envirocertintl.org/](http://www.envirocertintl.org/)

EPA Regulatory Industrial Stormwater Inspection Workshop (Stormwater 101) will be taking place on Tuesday October 20, 2015 and a Construction Stormwater Inspection Workshop will be taking place on Wednesday October 21, 2015. **(NOTE: if you are attending Industrial Inspection Offsite Visit, please bring your Personal Protective Equipment with you for field inspection (hard hat, boots, safety glasses and safety vest)**



U.S. GREEN BUILDING COUNCIL  
ARKANSAS CHAPTER

### LEED Green Associate Exam Review Course, Sunday, October 18<sup>th</sup>

Separate registration is required at <http://usgreenbuildingcouncilarkansas.wildapricot.org/event-1939422>

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<b>Monday, October 19, 2015</b>		
7:30-5:00	<b>Conference Registration</b> <b>Exhibit Hall Open</b>	
11:00-11:15	Welcome and Opening Plenary (General Session) <b>David Watkins, City Manager, Hot Springs, AR</b> <b>Steve Arrisson, CEO, Visit Hot Springs</b> <b>EPA Speaker, EPA Region 6</b>	
11:15 – 12:15	EPA Stormwater updates <b>EPA Speaker</b>	
12:15 – 1:45	Lunch Funding Opportunities for Sustainable Practices (30 min presentation) <b>EPA Region 6 Presenter</b> (Buffet lunch will be provided.)	
	<b>General Session Presentations</b>	<b>Workshop</b>
1:45– 2:45	Sustainability, Green Infrastructure and Low Impact Development: GI/LID Design/maintenance <b>Stephen Luoni</b> <b>University of Arkansas- Design Center, Director</b>	Rainwater Harvesting Workshop <b>Brad Lancaster</b> <b>Watershed Management Group, AZ</b>
2:45 – 3:45	Optimizing Sediment and Turbidity Control on Construction Sites <b>Dr. Rich McLaughlin</b> <b>Soil Erosion Control Research Facility at NC State University</b>	
3:45-4:00	<b>Break &amp; Refreshments</b>	
	<b>General Session Presentations</b>	<b>Workshop</b>
4:00 – 5:00	Stormwater Management Programs (Phase I & II) <b>Marty Matlock, UA Office of Sustainability</b>	Cont. Rainwater Harvesting Workshop <b>Brad Lancaster</b> <b>Watershed Management Group, AZ</b> <b>Note: The workshop will be finished at 6:00 pm</b>
<b>On Your Own for Dinner</b>		

**Refreshments light snacks will be provided during morning and afternoon breaks.**

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## Tuesday, October 20, 2015

	Conference Registration Exhibit Hall Open					
	BMP's	TMDL/ Watershed	GI/LID	Phase I/ Phase II	Industrial Stormwater 101	Full-Day GI/LID Workshop
8:30-9:30	Exploring the Need for a National Stormwater BMP Testing and Verification Stormwater Program  <b>Chris French, Contech Engineered Solutions</b>	Cont. Rainwater Harvesting Workshop  <b>Brad Lancaster Watershed Management Group, AZ</b>	Main Street, Little Rock  <b>Caran Curray, City of Little Rock</b>	The MS4 permit: A Holistic Approach to Stormwater Management  <b>Jeff Mazanec, RA Smith International</b>	Industrial Stormwater 101  <b>Kerri McCabe ADEQ</b>	Minimize Cost & Maximize Return: LID/GI Site Assessment and Design  <b>Aarin Teague, PhD, PE, CFM; Melissa Bryant, PE, PMP, CFM; Suzanna Perea, EPA R6 GI Coordinator; Jake Aalfs, PLA</b>
9:30-10:30	Stormwater Quality in North Central Texas - Case Studies  <b>Aiza Jose, Gresham, Smith and Partners</b>	A Review of Current Requirements and What is Changing in LEED Version 4  <b>Linda K. Smith, USGBC</b>	Main Street Placemaking with LID Techniques  <b>Brad Peterson, Crafton, Tull &amp; Sparks</b>	Storm Water Municipal 101  <b>Nelly Smith EPA R6; Jamal Solaimanian, PE ADEQ</b>		Breaks TBD by presenters
10:30-10:45	Break & Refreshments					

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	BMP's	TMDL/ Watershed	GI/LID	Phase I/ Phase II	Industrial Stormwater 101	Full-Day GI/LID Workshop
7:30-5:00						
10:45-11:45	Soil Erosion Control Research Facility at NC State University Soil and Erosion Control Topic  <b>Dr. Rich McLaughlin,            NC State University</b>	Private Stormwater Maintenance on a Grand Scale  <b>Ron Miller,            Walmart Stores,            Inc.</b>	Arid LID On The Main Stem of An Ephemeral Arroyo  <b>David Gatterman,            SSCAFCA</b>	There's an App for That! GIS-based Solutions for MS4 Compliance Activities  <b>Tina Petersen,            CDM Smith</b>	Cont. Industrial Stormwater 101  <b>Kerri McCabe, ADEQ</b>	
11:45-1:30	Lunch On Your Own					
	BMP's	TMDL/ Watershed	GI/LID	Phase I/ Phase II	Industrial Stormwater 101	Cont. GI/LID Workshop
1:30-2:30	Subsurface Stormwater BMPs  <b>Tim Ritchie,            Advanced Drainage            Systems</b>	Watershed Based Permitting: The Good, the Bad, and the Challenging  <b>Anita Steed            Bernalillo County,            NM            Sarah Holcomb            NMED</b>	Centrifugally Cast Concrete Pipe  <b>Josh McIntire,            Ace Pipe Cleaning</b>	TMDL Implementation in Stormwater Permits  <b>ADEQ- Water Planning            Branch</b>	Industrial Stormwater Inspection Course Offsite  <span style="color: green;">Note: Bring PPE (hard            hat, boots, safety glasses            and safety vest)</span>  Breaks TBD by presenters	Minimize Cost & Maximize Return: LID/GI Site Assessment and Design  Breaks TBD by presenters
2:30-2:45	Break & Refreshment					

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7:30-5:00	BMP's	TMDL/ Watershed	GI/LID	Phase I/ Phase II	Industrial Stormwater 101	Full-Day GI/LID Workshop
2:45-3:45	<p>Stormwater Runoff in the Atomic City: The Manhattan Project's Bathtub Row and its' Anthropogenic Effects on Water Quality</p> <p><b>Sarah Holcomb, NMED</b></p>	<p>Topic TBD</p> <p><b>Brad Lancaster Watershed Management Group, AZ</b></p>	<p>LID 101 – Designing LID: What do you need to know and why?</p> <p><b>Steven Trinkaus, Trinkaus Engineering, LLC.</b></p>	<p>Oklahoma City: What We Do</p> <p><b>Raymond Melton, Oklahoma City</b></p>	<p>Industrial Stormwater Inspection Course Offsite 1:45-4:45 pm, <b>Kerri McCabe- ADEQ</b></p>	
3:45-4:45	<p>Garbage in, Garbage out: Evaluation of Floatables at Harris County Flood District Regional Detention Facilities</p> <p><b>Chad Richards, ATKINS &amp; Catherine Elliott, Harris County Flood Control District</b></p>	<p>E. Coli in the Middle Rio Grande: Where, When, How Much, and What to do about it?</p> <p><b>Kelly Collins, CDM Smith</b></p>	<p>Evolution of the Hickory Creek Watershed Protection Plan: Addressing Rapid Development in a Vulnerable Watershed with a Proactive Approach</p> <p><b>David Hunter, City of Denton</b></p>	<p>Class A MS4 in Arid Southwest Complying with Permit Requirements Without Jurisdiction</p> <p><b>Patrick Chavez, Albuquerque Metropolitan Arroyo Floor Control Authority</b></p>		
On Your Own for Dinner						
6:00-8:00	Vendor Reception					

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## Wednesday, October 21, 2015

Conference Registration - Exhibit Hall Open						
7:30-5:00	BMP's	TMDL/ Watershed	GI/LID	Phase I/ Phase II	Construction Stormwater 101	Rain Barrel Workshop 8:30 am – 10:30 am
8:30-9:30	<p>Managed or Not, Your Urban Forest is the Initial BMP in a Green Stormwater Infrastructure Treatment Train</p> <p><b>Eric Kuehler,</b> USDA Forest service</p>	<p>50 Minutes</p> <p><b>Linda Pechacek,</b> LDP Consultants, Inc.</p>	<p>Compost-Based BMPs in Green Infrastructure Applications</p> <p><b>Britt Faucette,</b> Filtrexx International</p>	<p>Streamlining Stormwater Infrastructure Management with Information Systems</p> <p><b>Toni McCrory</b> Walmart Stores, Inc.</p>	<p>Regulatory Construction Storm Water Inspection Course</p> <p><b>Sarah Holcomb</b> NMED</p>	<p>Rain Barrels- Build and Teach Others</p> <p><b>Trish Ouei,</b> University of Arkansas Cooperative Extension Service</p>
9:30-10:30	<p>Stormwater Management with Pervious Pavers</p> <p><b>Gopala Borchelt,</b> Table Rock Lake W. Q. &amp; Ozarks Water Watch</p>	<p>Asset Management Utilitizing High Technology to Determine a Remaining Useful Life and Long Term Plan</p> <p><b>Bruce Jameson,</b> ACE Pipe Cleaning</p>	<p>Overcoming Design Waste with Clear Visualization of GI Design</p> <p><b>Zachary Sample,</b> XP Solutions</p>	<p>Industrial and High Risk Runoff: The Good, The Bad, and the Solutions</p> <p><b>Michaela Rempkowski</b></p>		
10:30-10:45	<b>Break &amp; Refreshments</b>					

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7:30-5:00	Conference Registration - Exhibit Hall Open					
	BMP's	TMDL/ Watershed	GI/LID	Phase I/ Phase II	Construction Stormwater 101	Case Studies
10:45-11:45	Innovative MS4 Treatment Train at Trash Transfer Station  <b>Hans Debruijn, Fresh Creek Technologies</b>	Quantifying Transmission Losses in Arroyos and Their Impact on Water Quality  <b>Gerhard Schoener, SSCAFCA</b>	Designing LID treatment systems for Urban and Agricultural Environments  <b>Steven Trinkaus, Trinkaus Engineering, LLC</b>	Case History, MS4 General Permit Outfall Mapping - A GIS Desktop and Field Exercise  <b>Lee Beshoner, FTN Associates, Ltd.</b>	Cont. Regulatory Construction Storm Water Inspection Course  <b>Sarah Holcomb NMED</b>	Ecological Design Group, Inc. Hillary Rodham Clinton Children's Library Project  <b>Martin Smith, Ecological Design Group, Inc.</b>
11:45-1:30	Lunch - On Your Own					
	BMP's	TMDL/ Watershed	GI/LID	Phase I/ Phase II	Construction Stormwater 101 Off-site Visit	Case Studies
1:30-2:30			GI/LID Panel <b>(Facilitator: Jeff Eger, HDR Engineering); Delia Haak, Illinois River Watershed Partnership; Suzanna Perea, EPA R6; Chris Kloss, EPA Office of Water; Martin Smith, Ecological Design Group, Inc.;</b> <b>Jason Vogel, Oklahoma State University</b>		Off-site Construction Workshop	Lessons Learned from 32,000 Construction Site Inspections  <b>Jeff Mazanec RA Smith International</b>

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## Wednesday, October 21, 2015

2:30-2:45	<b>Break &amp; Refreshments</b>				
2:45 – 3:45	<b>GI/LID Poster Competition – Social Event</b>			Cont. Off-site Construction Workshop	
3:45 – 4:45					
5:00 -7:00	<b>EPA Region 6 Conference Awards (Onsite Social Event – Appetizer Provided)</b>				
<b>On Your Own for Dinner</b>					

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## Thursday, October 22, 2015

Conference Registration Exhibit Hall Open					
7:00-10:00					
8:00 – 9:00	<p>Intensive Assessment, Restoration, and Protection of Impaired Watersheds</p> <p><b>John Pennington, Beaver Watershed Alliance</b></p>	<p>Planning for Green Infrastructure at Multiple Scales</p> <p><b>Karen Firehock, Green Infrastructure Center, Inc.</b></p>	<p>Stormwater Quality and Public Education: The City of Tulsa</p> <p><b>Jacob Hagen, City of Tulsa</b></p>	<p>Impacts of Climate Change on the Water Quality of Big Cypress Creek and Lake O' The Pines</p> <p><b>Randy Rushin Water Monitoring Solutions, Inc.</b></p>	<p>Panel: EPA/States Inspection, Compliance and Enforcement</p> <p><b>Everrett Spencer EPA R6; Jason Bolenbaugh &amp; Jamal Solomanian ADEQ; Sarah Holcomb NMED</b></p>
9:00 – 10:00	<p>MS4 E-Assessment</p> <p><b>Everrett Spencer &amp; Thea Lomax, EPA Region 6</b></p>	<p>TMDL's and Watershed Protection – Stormwater Modeling</p> <p><b>Jeff Eger, HDR Engineering, Inc.</b></p>	<p>High Impact Results in LID Design</p> <p><b>Anthony Kendrick, Construction EcoServices</b></p>	<p>Hendrix Creek Preserve project</p> <p><b>Martin Smith, Ecological Design Group, Inc.</b></p>	<p>Green Infrastructure Implementation in New Orleans</p> <p><b>Brad Klamer, Sewerage &amp; Water Board of New Orleans</b></p>
10:00 – 10:15	Break & Refreshments				
10:15 –11:45	<p><b>TX Breakout / Open Forum Q&amp;A</b></p>	<p><b>AR Breakout / Open Forum Q&amp;A</b></p>	<p><b>LA Breakout / Open Forum Q&amp;A</b></p>	<p><b>NM Breakout / Open Forum Q&amp;A</b></p>	<p><b>OK Breakout / Open Forum Q&amp;A</b></p>
11:45-1:15 pm	<p><b>Lunch – (provided)</b> Chris Kloss, EPA Office of Water Green Infrastructure Program Lead</p>				
1:15-1:45 pm	<b>GENERAL SESSION-2015/2016 Conference Planning, Q&amp;A</b>				
<b>Conference Adjourned at 2:00 p.m.</b>					