



PROCEEDINGS

Environmental/Conservation Education Summit held August 12, 2011 at the Springfield Conservation Nature Center

Attending (full organization profiles are included in the EE/CE Directory)

Name	Organization	E-Mail
Barbara Lucks Facilitator	Choose Environmental Excellence; Show-Me Yards & Neighborhoods; City of Springfield - Department of Environmental Services	blucks@springfieldmo.gov
John Waitman	City of Springfield - Clean Water Services	jwaitman@springfieldmo.gov
Kimberly White	City of Springfield - Department of Environmental Services	kwhite@springfieldmo.gov
Andee Coble	City of Springfield - Department of Environmental Services	acoble@springfieldmo.gov
Sara Garretson	City of Springfield - Department of Environmental Services	sgarretson@springfieldmo.gov
Rose Watson	City of Springfield - Department of Environmental Services	rwatson@springfieldmo.gov
Bob Scott	City of Springfield - Department of Environmental Services and Show-Me Yards and Neighborhoods	rscott@springfieldmo.gov
Emily Wagner	City of Springfield - Department of Environmental Services Intern	ewagner@springfieldmo.gov
Carrie Lamb	City of Springfield Storm Water	clamb@springfieldmo.gov
Sarah Davis	City of Springfield Storm Water	sedavis@springfieldmo.gov
Michelle Garand	Community Partnership of the Ozarks	mgarand@commpartnership.org
Pamela (Herd) Price	Dickerson Park Zoo	pprice@dickersonparkzoo.org
Laurie Duncan	Discovery Center of the Ozarks	lduncan@discoverycenter.org
Vanessa Brandon	Greene County Resource Management	vbrandon@greenecountymmo.org
Melissa Bettles	James River Basin Partnership	melissabettes@missouristate.edu
Dr. Alice (Jill) Black	Missouri Environmental Education Association—MEEA; Missouri State University	ablack@missouristate.edu
Erica Cox	Missouri Project W.E.T. (Water Education for Teachers)	ericacox@missouristate.edu
Robert Hamilton	Missouri Solid Waste Management District "O"	robertchamilton@centurytel.net
Jeff Brown	Missouri State University	jbrown@missouristate.edu
Celeste Prussia	Missouri State University and Bull Shoals Field Station	CelestePrussia@missouristate.edu
Shae Johnson	Missouri State University and Greenwood Laboratory Schools	ShaeJohnson@missouristate.edu

Jay Barber	Missouri Department of Conservation; Springfield Plateau Missouri Master Naturalists	jayBarber@mdc.mo.gov
Elizabeth Aull	Nestle Purina PetCare	Elizabeth.aull@purina.nestle.com
Amy Strickland	Ozarks Center for Sustainable Solutions and Drury University	astrickland@drury.edu
Lori Tack	Ozark Greenways	lori@ozarkgreenways.org
Web Freeman	Partnership for Sustainability	webfreeman@greenozarks.org
Gina Wyckoff	Phelps Center for Gifted Education	gwycckoff@spsmail.org
Linda Chorice	Springfield Conservation Nature Center	Linda.chorice@mdc.mo.gov
Rudy Martinez	Springfield Conservation Nature Center	Rudy.Martinez@mdc.mo.gov
Ann Wallenmeyer	Springfield Public Schools	awallenmeyer@spsmail.org
Mark Brown	Springfield/Greene County Health Department	mabrown@springfieldmo.gov
Katie Steinhoff	Springfield/Greene County Parks Botanical Center	ksteinhoff@springfieldmo.gov
Melvin Johnson	Springfield/Greene County Park Board - Outdoor Initiatives	mjohnson@springfieldmo.gov
Ashley - Intern	Springfield/Greene County Park Board - Outdoor Initiatives	NONE
Patrick Byers	University of Missouri Extension and Master Gardeners	byerspl@missouri.edu
Mike Kromery	Watershed Committee of the Ozarks	mike@watershedcommittee.org

8:30 am - Opening Remarks and Introductions

Facilitator and event coordinator Barbara Lucks opened the Summit by welcoming the attendees. Following opening remarks, each delegate was given the opportunity to introduce themselves, their professional or voluntary role, and the organization they are representing.

8:45 am - Presentation - Jay Barber - Missouri Department of Conservation

Jay Barber presented to the group regarding Discover Nature Schools, an educational program sponsored by the Missouri Department of Conservation. Discover Nature, which gives teachers (grades 3-12) the opportunity to educate their students about nature while also meeting Missouri Grade-Level Expectations, and includes a teacher guide with additional assistant to include training for teachers as well as grant funding for materials and equipment. For more information on Discover Nature Schools, log onto:

<http://mdc.mo.gov/education/inside-classroom/discover-nature-schools>

9:05 am - In the News - Good News Updates

Mike Kromery - The Watershed Center at Valley Water Mill Park

Mike informed the group that the Watershed Center at Valley Water Mill is now open and will be used as a great teaching tool for educators and more. Some of the highlights of the new building include:

- Bathroom Facility
- Bus turn-around
- LEED Green Building - Hoping for Gold status
- No extra run-off to lake
- Best Management Practices
 - Pervious concrete
 - Bio swales
 - Low impact development
 - Green Event Policy
- Partnering with Greene County wastewater education system
- Meeting room to accommodate over 120 people
- Trained group of volunteers with the help of Missouri Department of Conservation
- Entire project is a "Demo Area"

Lori Tack - Ozark Greenways - Transportation Projects

Lori spoke to the group about new transportation projects involving Ozark Greenways as well as other great news items. The items include:

- Promoting of on street routes to trails
- New project called the LINK, which implements the "sharrows" now on city streets
 - Major North—South corridor
 - Education for motorists/cyclists to work together properly and safely
 - LINK website and city website now has bike routes
- Springfield was awarded Bronze Level Bicycle Community
- "Drive Less" book
- Bike to Work Week had record totals - 1200 participants and over 150 businesses
- A new program called "Bicycle Destination Plan"
- Ozark Greenways 20th Anniversary activities and \$20 membership special for 20th anniversary
- "Trails of Tears" portion of Greenways
- Launched new website www.ozarkgreenways.org
- Ozark Greenways now has 1100 members
- Trail construction continues...

Barbara Lucks - City of Springfield Sustainability Division - Department of Environmental Services

Barbara spoke to the group about many new and exciting things happening with the City of Springfield. A brief breakdown includes:

- Clean Water Services - a new look for Sanitary Services

- Newly formed Sustainability Division within the new Department of Environmental Services
- Environmental Resource Center (completion end of November, 2011)
 - Meeting rooms available
 - Printed materials, check-out items, web access available for teachers
- New Environmental Compliance Division - Doug Durrington
- Air Quality Control Section and new Air Quality Education Section - very critical
- Move to a new Yardwaste Recycling Center location

Announcements

- Environmental Report Card for 2010 is now available at: www.OzarksEnvironment.com
- Availability to post events, information and resources on OzarksEnvironment.com
- Jordan Valley Park has received EPA Brownfield's Funding for remediation of 8 parcels in West Meadows using natural, passive flood control
- Clean Water Services rate increase has been approved which will include funding for a major education program
- Glass Recycling Update - Springfield is now the glass recycling hub of SW Missouri thanks to partnership with Ripple Glass, LLC from Kansas City

9:50 am - Break

10:10 am - Grant Successes

Carrie Lamb - City of Springfield Storm Water Services Division

- Springfield/Greene County Urban Watershed Stewardship Project (a.k.a. "Big Urbie")
 - \$1 million grant received by WCO, in partnership with the City of Springfield Storm Water Services, James River Basin Partnership, Greene County Resource Management, OEWRI, Project WET, and Ozark Greenways
 - "Green" Storm Water Practices such as pervious pavement, rain gardens, rainwater harvesting, detention basin retrofits, etc.
 - Monitoring by OEWRI to determine their effectiveness
 - Education including workshops and public service announcements

Erica Cox - Missouri Project W.E.T. (Water Education for Teachers)

- Four year MDNR 319 Grant for Storm Water Education - will be involved in later to include W.E.T. workshops
- State-wide grant for W.E.T. to include workshops around the state
 - 15 workshops planned
- Two separate grants involved in as well

- MDNR - Environmental Camps for 7th grade
- National Parks Service Heartland Network - student worker for WET in grant

Melissa Bettes - James River Basin Partnership

- Riparian 319 - easements on James River donated to JRBP - Partnered with Ozark Greenways who will hold the property
- Show-Me Yards and Neighborhoods Farm and Ranch 319 Grant
 - BMP's
 - Stream Bank Restoration
- Focus on septic tank maintenance continues
- NRCS Nutrient Management Plan continues

Shae Johnson - Greenwood Laboratory School - Missouri State University

Shae spoke to the group about a recent proposal that was brought to her, which she is sponsoring. The proposal, which included goals, a budget and more, was created and presented to Shae by two previous students of hers. Needless to say, she was very impressed. The proposal included the idea to create and implement a program to promote sustainability with education for students in Springfield and the community, with an added emphasis on recycling and re-use. They have received sponsors all over the community and have created a book called "Green Book". Some highlights of the program include:

- Monthly meetings for students - read chapter and watch video - videos to include celebrities and their view or relationship with the environment
- A rummage sale fundraiser which raised \$1,000
- Dream Machine goal from Pepsi - 1 million can goal, overall goal, if they are able to earn the funding - Make Greenwood more of a "green" building.

10:45 - Sharing

Laurie Duncan - Discovery Center of Springfield

- Freewheelin' Friday was a great success with 18 participants - Tours included:
 - Springfield/Greene County Botanical Center
 - Springfield Conservation Nature Center, which included organizational booths for attendees
 - Lunch
 - Dickerson Park Zoo
 - Watershed Center at Valley Water Mill
 - Discovery Center of Springfield which included reception

Pam Herd - Dickerson Park Zoo

- Working on water quality issues

- Grant use for working on grass growth problem in area due to geese population

Katie Steinhoff - Botanical Center

- 26 outdoor gardens completed by volunteers
- Master Gardeners and Friends of the Garden purchased own printer to make signs for plant identification
- New winter garden/sensory garden/edible kitchen with kitchen studio
- October, 2011—One Year Anniversary Celebration—Concerts/Garden Designer
- University of Missouri Extension Service offices now housed at the Botanical Center

Other highlights...

Melvin Johnson - Springfield/Greene County Parks Outdoor Initiatives - many new and existing programs available

John Waitman - City of Springfield Clean Water Services - Southwest Wastewater Treatment Plant Awards - 4 Gold awards received with 5th award being Platinum - Plant also received "Plant of the Year 2010" award

Robert Hamilton - Solid Waste Management District "O" - Grant Opportunity - \$350,000 estimated funds available for 2011 Waste District "O" Grant Call which will begin in October - One restriction: must meet solid waste reduction criteria - possibility to tie together with other items such as water quality - Maximum \$50,000 per organization per grant

Jay Barber - Springfield Plateau Missouri Master Naturalists - Master Naturalists training to begin in September - \$100 registration fee which includes 40 hours of training

Patrick Byers - Master Gardeners of Greene County - New Master Gardeners training to begin February, 2012

Amy Strickland - Ozarks Center for Sustainable Solutions - Two EPA grants received - #1 will be used to work with schools and businesses to reduce diesel emissions - #2 will be used to work with St. Johns Hospital in emission reduction and Green Teams - Pushing \$3 million to date in diesel grants

Mike Kromery - Watershed Committee of the Ozarks

Southwest Regional Envirothon to be held November 2, 2011 at the Watershed Center at Valley Water Mill Park - MEEA (Missouri Environmental Education Association) Environmental Literacy Plan - Strategic Plan with the City of Springfield to be a 5 year plan with environmental chapter

Laurie Duncan - Discovery Center of Springfield - 2011 America Recycles Day event at the Discovery Center in November

Jill Black - Missouri State University - Upcoming events - check MSU website for details

Celeste Prussia - Bull Shoals Field Station - Facilities at Bull Shoals Field Station are available as a resource for overnight stays

11:45 am - Lunch with Discussion

1:00 pm - Feature Film - "Green Fire" The Aldo Leopold Story