

**ADMINISTRATIVE REVISIONS TO THE NOTICE OF INTENT**

Revisions to the original Notice of Intent (NOI) are reflected below.

MS4 Operator Mailing Address:                      Yes    \_\_\_\_\_                      No    X \_\_\_\_\_

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Persons Responsible:                                      Yes    \_\_\_\_\_                                      No    X \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Area of Responsibility: \_\_\_\_\_

## Introduction

In 2003, Madison County (County), Illinois, and its communities created a Co-Permittee Group to join forces in complying with the National Pollutant Discharge Elimination System (NPDES) for Municipal Separate Storm Sewer Systems (MS4) Phase II requirements. As stated in the original 2003 Notice of Intent (NOI), the County and the Co-Permittee communities were to pool resources and work together to comply with the commitments made within the NOI for the benefit of all within the County.

The Co-Permittee Group was active during this reporting period. Significant progress was made sharing Best Management Practices (BMPs) for document retention, outfall mapping, operation procedures, and maintenance activities.

## Best Management Practice (BMP) Summary of 2015-2016 Activities

In 2003, each member of the Co-Permittee Group submitted a NOI in compliance with the first 5-year cycle. In 2008, a NOI was submitted in compliance with the next 5-year cycle, as written in the first MS4 permit. The 2009 NOI was submitted in compliance with additional requirements of the Illinois Environmental Protection Agency (IEPA) in the second MS4 permit. As stated in the 2003, 2008, and 2009 NOI, each Co-Permittee Member identified certain activities to comply with the Phase II requirements. Below is an abbreviated summary of the BMPs that were written in the NOI for each of the minimum control measures.

### **March 2015-March 2016:**

- 1) **A.1-** Brochures incorporating green infrastructure and other related BMPs were to be published and displayed by each community in a public place, or on the community website, if applicable.
- 2) **A.4-** Madison County sponsored and participated in water-quality public events.
- 3) **A.5-** Madison County coordinates and participates in various events providing educational opportunities for local students.
- 4) **A.6-** Madison County participates in educational programs, including involvement in the Green Schools Program.
- 5) **B.3-** The Co-Permittee group met (4) times throughout the year to provide training and updates on various topics.
- 6) **B.6-** Each community was made aware of County sponsored events. Madison County was responsible for program development and coordination.
- 7) **B.7-** Madison County is starting to implement watershed plans to reduce flooding and improve water quality throughout the County. Public involvement is a critical component of these plans through open houses, surveys, and stakeholder meetings.

- 8) **C.1-** Communities were to review outfall map completeness and update revised or new storm sewer systems.
- 9) **C.2, 9-** Revisions to existing illicit discharge ordinances have been delayed until completion of the County Stormwater Master Plan. Madison County is working with the Stormwater Commission to prepare a Master Plan for the County. The Master Plan is currently in development.
- 10) **C.5-** Communities reviewed the inlet stenciling program. Standards for inlet stencils were available to the Co-Permittee Group upon request. The County is working to assist communities with resources to complete their inlet stenciling program as well as auditing the condition of existing markings.
- 11) **C.7-** Communities were to conduct illicit discharge inspections of facilities and outfall points. Illicit discharge detection training was included during one quarterly meeting.
- 12) **D.1, D.2, D.4, E.3, E.4-** Revisions to construction and post-construction stormwater ordinances have been delayed until the completion of the County Stormwater Master Plan. Training was provided on understanding, interpreting, and enforcing stormwater ordinances in place at this time. The County also held a Sediment and Erosion Control Field Day.
- 13) **D.5-** Madison County continued to maintain a stormwater hotline number to address public concerns related to stormwater issues.
- 14) **D.6, E.5-** The County provided review for CESSWI requirements and continuing education opportunities for Co-Permittee members. The County also held a Conservation Cropping Seminar and a Cover Crop Workshop.
- 15) **F.1-** Provide training for employees whose work may impact stormwater runoff.
- 16) **F.3-** Communities are to review and update O&M manuals annually. Operations training was provided during a quarterly meeting.
- 17) **F.6-** The County has been conducting internal audits with IEPA staff to assess MS4 activities and NPDES permit compliance within the Co-Permittee Group.

The following pages highlight any changes made to the BMPs from the NOI, BMP status, and activities planned for the next reporting year. Additional information is also provided from the County and each Community.



# Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

## Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

### for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

*This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.*

Report Period: From March, 2015 To March, 2016

Permit No. ILR40 0461

#### MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: CITY OF TROY Mailing Address 1: 116 EAST MARKET STREET  
Mailing Address 2: County: Madison  
City: TROY State: IL Zip: 62294 Telephone: 618-667-4629  
Contact Person: ROB HANCOCK / KEITH FREY Email Address: RHANCOCK@TROYIL.US  
(Person responsible for Annual Report)

#### Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

ILLINOIS DEPARTMENT OF TRANSPORTATION MADISON COUNTY  
JARVIS TOWNSHIP PIN OAK TOWNSHIP

#### THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- |  |                          |   |                          |
|--|--------------------------|---|--------------------------|
| 1. Public Education and Outreach             | <input type="checkbox"/> | 4. Construction Site Runoff Control       | <input type="checkbox"/> |
| 2. Public Participation/Involvement          | <input type="checkbox"/> | 5. Post-Construction Runoff Control       | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle ( including an implementation schedule.)

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

F. Attach a list of construction projects that your entity has paid for during the reporting period.

**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

  
Owner Signature:  
ROB HANCOCK  
Printed Name:

5/26/16  
Date:  
PUBLIC WORKS DIRECTOR  
Title:

EMAIL COMPLETED FORM TO: [epa.ms4annualinsp@illinois.gov](mailto:epa.ms4annualinsp@illinois.gov)

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
WATER POLLUTION CONTROL  
COMPLIANCE ASSURANCE SECTION #19  
1021 NORTH GRAND AVENUE EAST  
POST OFFICE BOX 19276  
SPRINGFIELD, ILLINOIS 62794-9276

COMMUNITY NAME: City of Troy

PERMIT #: ILR400461

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2015 through March 2016

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached? If attached information, describe.		D. Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		YES	NO	Activity	Schedule
<b>BMP No. A.1- Distributed Paper Materials- Informational Brochures</b>							
Milestone For Reporting Year: Brochures were posted in a public location and available to residents.							
		X	The City has stormwater brochures available to residents at the City Clerk's office.		X	The City will continue to make brochures available through the upcoming permit cycle.	Ongoing through 2014-2019 permit cycle.
<b>BMP No. A.4- Community Event- attend and participate in water-quality oriented public events</b>							
Milestone For Reporting Year: Attend at least two such events each year.							
		X	The County participated in multiple water-quality oriented public events, including the Lewis & Clark Water Festival, the Mississippi EarthTones Festival, the Riverbend Earth Day Festival, and the Grow Native Event.	See Page 10 and Exhibits A.4-A to A.4-D for more information.	X	The County will continue to attend at least two water related events per year.	Ongoing through 2014-2019 permit cycle.
<b>BMP No. A.5- Classroom Education Material</b>							
Milestone For Reporting Year: No specific milestone.							
		X		Review of Classroom Educational Materials (See Page 10)	X	The following schools are within the City's jurisdiction: Silver Creek Elem., Henning Elem., St. Paul's Lutheran Elem., and Alternative School. The City will work with the County to coordinate educational opportunities.	Ongoing through 2014-2019 permit cycle.

COMMUNITY NAME: City of Troy

PERMIT #: ILR400461

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2015 through March 2016

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached? If attached information, describe.		D. Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		YES	NO	Activity	Schedule

**BMP No. A.6- Educational Presentations**

Milestone For Reporting Year: Make at least two school presentations. Continue educational programs.

		X	Madison County schools operate a Green Schools program which educates children about the need to recycle and explore "green" options in their lives.		X	The County will continue involvement in educational programs.	
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**BMP No. B.6- Program Involvement- Coordinate Meetings and Annual Reports**

Milestone For Reporting Year: The community will continue to meet to share BMPs and training opportunities.

		X	The Madison County MS4 Co-Permittee Group held four quarterly training meetings during the 2015-2016 permit year. Meetings were held: - June 10, 2015 - September 9, 2015 - December 9, 2015 - March 16, 2016  Representatives of the City attended three meetings.	See Page 10 and attached Exhibit B.6/ F.1-A for review of meetings and topics.	X	The City will continue to meet with the Co-Permittee Group to share BMPs and training opportunities.	Ongoing through 2014-2019 permit cycle.
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**BMP No. B.7- Other Public Involvement- Participate in Recycling, Sustainability and Green Infrastructure Programs**

Milestone for Reporting Year: Participate in two recycling, sustainability, and green infrastructure programs.

		X	The County sponsored numerous recycling, sustainability, and green infrastructure programs including Pharmaceutical Drop-off, Electronic Waste Collection, and Christmas Tree Recycling.	Review of Program Material (See Page 11)	X	The City will continue to participate in and promote programs related to stormwater activities.	Ongoing through 2014-2019 permit cycle.
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COMMUNITY NAME: City of Troy

PERMIT #: ILR400461

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2015 through March 2016

A. Changes to Best Management- Were there any changes to the BMPs?			B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached?		D. Summarize the stormwater activities you plan to undertake with an implementation schedule		
Comment	YES	NO			If attached information, describe.	YES	NO	Activity	Schedule

**BMP No. C.1- Storm Sewer Map Preparation**

Milestone for Reporting Year: Collect all available outfall mapping data

		X	The City is 100% complete with their outfall mapping program.				X	The City will review map completeness and update with revised or new storm sewer systems.	Ongoing through 2014-2019 permit cycle.
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**BMPs No. C.2, C.9- Regulatory Control Program- Ordinance language for Illicit discharge/public notification**

Milestone for Reporting Year: Modifications to the ordinance will be completed as part of this process. Communication brochures will be distributed throughout the community.

		X	The City's Stormwater Ordinance contains a section on illicit discharge.  Changes to ordinances on illicit discharges will be delayed until the completion of the Madison County Stormwater Master Plan. The plan is currently in development.				X	Enforce illicit discharge ordinances regularly.	
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**BMP No. C.5- Inlet Stenciling**

Milestone for Reporting Year: Complete a survey sample of inlet markers installed previously and assess conditions.

		X	The City has marked 750 out of approximately 800 inlets. The presence and condition of inlet markers is being confirmed by Madison County and IEPA during routine audits. Replacement of missing and worn inlet markers is ongoing.				X	Continue to replace missing and worn inlet markers.	Ongoing through 2014-2019 permit cycle.
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COMMUNITY NAME: City of Troy

PERMIT #: ILR400461

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2015 through March 2016

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	C. Provide results of information collected and analyzed, including monitoring data. Information attached?		D. Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES NO		If attached information, describe.	YES NO	Activity	Schedule
<b>BMP No. C.7- Visual Dry Weather Screening- Illicit Discharge Detection</b>						
Milestone for Reporting Year: Include training in one quarterly meeting. Conduct inspection of facilities and outfall points.						
	X	The Co-permittee group reviewed illicit discharge detection and elimination procedures September 2015 quarterly meeting. The City attended the meeting.		X	Continue to conduct inspections of County facilities and outfall points.	Ongoing through 2014-2019 permit cycle.
<b>BMPs No. D.1 and E.2 and D.4 and E.3 and E.4- Site Plan and Pre-Construction Review Procedures</b>						
Milestone for Reporting Year: Madison County provided an update to the Co-Permittee Group on progress with the Stormwater Master Plan						
	X	The City's Stormwater Ordinance contains sections on construction site runoff control.  Madison County has continued to work towards a county-wide Stormwater Master Plan.		X	Continue to enforce erosion and sediment control ordinances.	
<b>BMP No. D.2- Erosion and Sediment Control BMP's</b>						
Milestone for Reporting Year: Include BMP training in one quarterly meeting						
	X	Operations training was provided during the December 9, 2015 quarterly meeting.  The City did not attend the meeting.		X	Continue to attend training as part of Co-permittee group.	Ongoing through 2014-2019 permit cycle.
<b>BMP No. D.5- Stormwater Hotline</b>						
Milestone for Reporting Year: Madison County will continue to provide support to communities with communicating hotline requests.						
	X	Madison County received numerous hotline calls during the reporting period. Many complaints are addressed by the communities prior to calls to the hotline.		X	Madison County will continue to provide support to communities by communicating hotline requests.	Ongoing through 2014-2019 permit cycle.

COMMUNITY NAME: City of Troy

PERMIT #: ILR400461

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2015 through March 2016

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached? If attached information, describe.		D. Summarize the stormwater activities you plan to undertake with an implementation schedule		
Comment	YES	NO		YES	NO	Activity	Schedule	
<b>BMPs No. D.6 and E.5- Training for Construction Site Inspectors</b>								
<u>Milestone for Reporting Year:</u> Madison County sponsored training courses for construction site inspectors. The courses addressed specific technical issues regarding construction site runoff as well as post development.								
		X	The City has one CESSWI certified inspector on staff. Staff attends inspection of construction sites throughout the year.  Review for CESSWI requirements and continuing education opportunities for Co-Permittee members was provided during quarterly meetings. The City attended three quarterly meetings.			X	Madison County and the Co-Permittee group will continue to explore opportunities for additional training seminars.	Ongoing through 2014-2019 permit cycle.
<b>BMP No. F.1- Employee Training Program</b>								
<u>Milestone for Reporting Year:</u> The Co-Permittee Group will hold and Operations Training class as part of continuing education opportunities.								
		X	The City sent representatives to three of the quarterly meeting.  The Madison County Health Department held Larvicide Application Training for municipalities and townships on April 15, 2015 covering the application of larvicide briquettes.	See Page 10 and attached Exhibit B.6/ F.1-A for review of meetings and topics.		X	The Co-Permittee Group will continue to offer Operations Training and other educational and training opportunities throughout the permit year.	Ongoing through 2014-2019 permit cycle.
<b>BMP No. F.3- Other Municipal Operations Controls- Standard Operating Procedures</b>								
<u>Milestone for Reporting Year:</u> Operation procedures for street department activities were reviewed and modified as needed. Co-Permittee meetings included reference to review and update requirements.								
		X	The City does not have a formal stormwater operations plan on file. Stormwater operation procedures were reviewed during the permit year and modified as needed.			X	Operation procedures will be reviewed annually and modified as appropriate.	Ongoing through 2014-2019 permit cycle.

**ADDITIONAL INFORMATION**

<b>BMP A.4</b>	<b>Water Quality Oriented Public Events - Water Festival</b> See attached Exhibit A.4-A.
<b>BMP A.4</b>	<b>Water Quality Oriented Public Events - Mississippi Earthtones Festival</b> See attached Exhibit A.4-B.
<b>BMP A.4</b>	<b>Water Quality Oriented Public Events - Riverbend Earth Day Festival</b> See attached Exhibit A.4-C.
<b>BMP A.4</b>	<b>Water Quality Oriented Public Events - Grow Native Event</b> See attached Exhibit A.4-D.
<b>BMP A.6</b>	<p><b>Classroom Educational Materials - Madison County Soil and Water District</b></p> <p>The Madison County Soil and Water Conservation District assists with the educational requirements through a number of initiatives. They provide historic aerial maps, flood maps, topography maps, soil type maps, and other data resources. These resources are used by students, developers, environmental and engineering firms, and individuals. The Soil Survey for Madison County was digitized in 2002 and is now available at no cost. Each year the Soil and Water District provide monetary awards to the best conservation 4-H project at the Madison County Fair. This has allowed school aged children to learn different methods of conservation and how it could potentially benefit stormwater quality and quantity.</p> <p>The Madison County Soil and Water District also supplies literature to schools and organizations for Earth Day and Arbor Day. The literature includes themes such as conservation and stormwater. Through funding from the Madison County Farm Bureau, the University of Illinois Extension Office, and the Madison County Soil and Water District, an educational coordinator works to deliver presentations and supply schools with literature related to stormwater pollution.</p>
<b>BMP A.6</b>	<p><b>Classroom Educational Materials - Madison County Green Schools Program</b></p> <p>Madison County schools operate a Green Schools program which educates children about the need to recycle and explore "greener" options in many facets of their lives, as well as operating large scale recycling programs. See attached Exhibit A.6 for additional details.</p>
<b>BMP B.6/F.1</b>	<p><b>Stakeholder Meetings - Co-Permittee Group Training Opportunities</b></p> <p>The Madison County MS4 Co-Permittee Group held four quarterly training meetings during the 2015-2016 permit year. Topics covered included a review of proposed changes to the NOI, outfall mapping, illicit discharge detection and elimination, operations training, and annual report requirements. See attached Exhibit B.6/F.1-A.</p> <p>Madison County Health Department conducted larvicide training for municipal and township employees during 2015. See attached Exhibit B.6/F.1-B.</p>
<b>BMP B.7</b>	<p><b>Community Events</b></p> <p>Throughout the year, Madison County sponsored many community events that could positively impact stormwater quality. These activities encourage public participation to prevent pollutants from getting into the sanitary and storm sewer system.</p> <p>The pharmaceutical drop-off program included twelve police departments in the County where citizens can dispose of expired or unwanted medication year round properly rather than flushing down the drain or dumping into landfills. In addition, Madison County also sponsored a Drug Take Back Day in September 2015 which collected approximately 100 pounds of medication total. See attached Exhibit B.7-A.</p>

**ADDITIONAL INFORMATION**

<b>BMP B.7</b>	<p><b>Community Events</b></p> <p>Madison County sponsored an electronic waste collection in May 2015 where residents could bring cell phones, computer towers, laptops, servers, fax machines, and many other electronic items for free disposal. A complete list of acceptable electronics may be found at <a href="http://www.cjdecycling.com/electronics">www.cjdecycling.com/electronics</a>. See attached Exhibit B.7-B.</p> <p>Madison County managed a Christmas Tree recycling program in conjunction with area public works and township highway departments from late December 2015 to mid January 2016. There were 32 locations open to the public that collected 670 trees. The trees were chipped for mulch in and used by public works departments for parks or in ponds for fish bedding. See attached Exhibit B.7-C for additional details.</p>
<b>BMP B.7</b>	<p><b>Other Public Involvement</b></p> <p>Madison County is starting to implement watershed plans to reduce flooding and improve water quality throughout the County. Major components of the plan and process include watershed resource inventories of existing conditions, watershed based plans for improvements, and public/stakeholder involvement. See attached Exhibit B.7-D and B.7-E for more details.</p>
<b>BMP D.2</b>	<p><b>Erosion and Sediment Control BMP's</b></p> <p>Madison County sponsored an Erosion and Sediment Control Field Day in February 2016 to provide additional training to professionals in the community on various storm water controls. See attached Exhibit D.2-A.</p>
<b>BMP D.6/E.5</b>	<p><b>Training for Construction Site Inspectors - Conservation Cropping Seminar</b></p> <p>The conservation partners which includes the IEPA, held the third annual Conservation Cropping Seminar, of which one location was located in Godfrey in January 2016. See attached Exhibit D.6/E.5-A.</p>
<b>BMP D.6/E.5</b>	<p><b>Training for Construction Site Inspectors - Cover Crop Workshop</b></p> <p>Madison County sponsored a Cover Crop Workshop in November 2015 to provide residents and farmers with a hands-on look at various cover crop applications. See attached Exhibit D.6/E.5-B.</p>
<b>BMP D.6/E.5</b>	<p><b>Training for Construction Site Inspectors - CESSWI Review &amp; Exam</b></p> <p>The County held a CESSWI Review and Exam in August 2015. See attached Exhibit D.6/E.5-C.</p>
<b>BMP F.1</b>	<p><b>Employee Training Program</b></p> <p>Madison County attended the 2016 Illinois Association for Floodplain and Stormwater Management Annual Conference on March 9th and 10th, 2016. See attached Exhibit F.1.</p>

## ADDITIONAL COMMUNITY ACTIVITIES

Community Name: **City of Troy**

Permit #: **ILR400461**

List any additional community-sponsored activities performed between March 2015 and March 2016 not listed in *Notice of Intent (NOI)* submittal, but which addresses one of the six minimum control measures:

- Madison County managed a Christmas tree recycling program in conjunction with area public works and township highway departments from December 26th, 2015 until January 11th, 2016. There were 32 locations open to the public that collected 670 trees. The trees were chipped for mulch and used by public works departments for parks or in ponds for fish bedding.
- Twelve police departments in the County, including the Troy Police Department, participate in the pharmaceutical drop-off program where citizens can dispose of expired or unwanted medication year round properly rather than flushing down the drain or dumping into landfills. In addition, Madison County also sponsored Drug Take Back Days in September 2015 which collected approximately 100 pounds of medication total.
- Madison County sponsored an electronic waste collection at the Highland KC Hall parking lot on May 16, 2015.
- The City provided recycling pickup to residents every other week.
- The City cleaned and graded ditches along Kimberlin Street, Elmer Street, Franklin Street, Weston Street, Oak, Webster, Ash, Formosa, Bouse, and Country Lane.
- The City cleaned 300 miles of roadway, disposing of the material in a landfill.
- The City cleaned 45 catch basins during the permit year.
- The City maintains a 40 cubic yard dumpster at 416 East Center which was emptied 4 times during the permit year.

Circle which minimum control measure addressed:

- ① Public Education and Outreach
- ② Public Participation/Involvement
- 3. Illicit Discharge Detection & Elimination
- 4. Construction Site Runoff Control
- ⑤ Post-Construction Runoff Control
- ⑥ Pollution Prevention/Good Housekeeping

E. Reliance on Government Entities for Permit Obligations

The City is part of the Madison County Co-Permittee Group.

F. List of Construction Projects during the Current Reporting Year

<b>Permit #</b>	<b>Project</b>	<b>Status</b>
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EXHIBIT A.4-A

## 2015 Lewis & Clark's 13<sup>th</sup> Annual Water Festival



## Water Festival Sponsorship Tiers

### **Raindrop Tier - \$250**

Organizations sponsoring at this level will have the organization name listed in the Water Festival program. The Water Festival program is provided to participating teachers, exhibitors, sponsors, and other L&C VIP.

### **Pond Tier - \$750\***

Organizations sponsoring at this level will have their color logos listed in the Water Festival program.

### **River Tier - \$1,200\***

Organizations sponsoring at this level will have their color logo listed in the Water Festival program and the organization name listed on large banners displayed on the L&C campus on the day of the event.

### **Watershed Tier - \$2,500\***

Organizations sponsoring at this level will have their color logo listed in the Water Festival program, the organization name listed on large banners displayed on the L&C campus on the day of the event, and single color logos included on Water Festival t-shirts provided to volunteers and exhibitors for the event.

Sponsors at this level will also receive recognition in press releases and other media outlets.

*\*Sponsorships at these tiers and both a digital color (\*.jpg) and black (\*.eps) logo file will need to be received by August 14<sup>th</sup>, 2015 for organization logos to be included in the Water Festival program and on volunteer and exhibitor t-shirts.*

*Email logos to Allison Rhanor at [arhanor@lc.edu](mailto:arhanor@lc.edu).*

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**To sponsor the 2015, 13<sup>th</sup> Annual Water Festival, please return the attached form with your contribution made out to Lewis and Clark Community College to:**

Attn: Allison Rhanor  
One Confluence Way  
East Alton, IL 62024



**The National Great Rivers  
Research & Education Center**



## Water Festival Sponsorship Form

Organization Name (please print as you would like it written in the Water Festival program):

Madison County Planning & Development

Organization Address: 157 N. Main Street, Suite 254 Edwardsville, IL. 62025

Please select sponsorship amount/tier:  Raindrop Tier (\$250-\$749)  
 River Tier (\$750-\$1,199)  
 River Tier (\$1,200-\$2,499)  
 Watershed Tier (\$2,500+)

Other: \_\_\_\_\_

(Sponsorships in any amount are welcome. Please reference sponsorship tiers on previous page for advertising benefits of each tier.)

Items and quantity to be donated (please include approximate value so that we may determine the sponsorship tier): N/A

*Thank you in advance for your generous sponsorship of  
the 13<sup>th</sup> Annual Water Festival!!*

**Sponsorship forms with your contribution made out to Lewis and Clark Community College  
can be returned to Allison Rhanor at:**

Attn: Allison Rhanor  
One Confluence Way  
East Alton, IL 62024

For questions or additional information, please do not hesitate to contact Allison Rhanor via phone (618-468-2785) or email (arhanor@lc.edu).



**The National Great Rivers  
Research & Education Center**



**Think Green.  
Live Green.**

[www.lc.edu/green](http://www.lc.edu/green)

EXHIBIT A.4-B

2015 Mississippi Earthtones Festival (9<sup>th</sup> Annual)

*Dear Friend of the Mississippi,*

Alton Main Street and the Sierra Club are seeking sponsors, exhibitors and vendors for the “9<sup>th</sup> Annual Mississippi Earthtones Festival” to be held on Saturday, September 19, 2015 on Broadway Street, between Alton and Langdon Streets. Our goal is to bring the community down to downtown Alton to celebrate Illinois watersheds through education, recreation and conservation where we will have hands-on informational booths, live music, nature arts and crafts, and a river clean-up.



We are looking to showcase nature or conservation based groups that would like to share information about their services with the public and/or provide activities to youth. We are also highlighting local sustainable artists at this premier environmental showcase! We will be advertising and generating coverage through the local media, so we expect thousands of people to attend this 9th annual event from 12pm-10pm.

**\*\*\*THE MISSISSIPPI EARTHTONES FESTIVAL IS FACING CHALLENGES THIS YEAR THAT REQUIRE US TO REACH OUT FOR EXTRA ASSISTANCE FROM OUR SUPPORTERS\*\*\***

In order for the Mississippi Earthtones Festival to continue, we needed to move to a different venue and we'll need help from our supporters to cover the costs of this free, family-friendly event. We are asking anyone with the means to do so, to please consider moving up a level with your sponsorship. If your non-profit is supported by a Foundation or other benefactor please consider making an appeal to them in order to help us continue this beloved community event. If the cost increase would prohibit your organization from participating please inform us and we'll attempt to work out a scholarship arrangement. More than anything, we want your organization or business to share your unique knowledge and/or products at the 9<sup>th</sup> Annual MEF.

Levels	Sponsorship Benefits / Booth Details
<b>Watershed</b> \$1000	<ul style="list-style-type: none"> <li>• Specific mentions in the Advantage &amp; Telegraph ads plus on WBGZ Radio</li> <li>• First-tier placement of your company logo on t-shirts</li> <li>• First-tier visibility of company logo on brochures, posters, program, donor board and space for self- provided stage banners</li> <li>• Mentioned on stage, during the entertainment</li> <li>• 10' x 10' booth space, if desired</li> </ul>
<b>Mississippi River</b> \$500	<ul style="list-style-type: none"> <li>• Specific mentions in the Telegraph ads and on WBGZ Radio</li> <li>• Second-tier placement on company logo on t-shirts</li> <li>• Second-tier visibility of company logo on brochures, posters, program, donor board and space for self- provided stage banners</li> <li>• Mentioned on stage, during the entertainment</li> <li>• 10' x 10' booth space, if desired</li> </ul>
<b>Illinois River</b> \$300	<ul style="list-style-type: none"> <li>• Third-tier visibility of company logo on brochures, posters, program, and donor board</li> <li>• Mentioned on stage during the entertainment</li> <li>• 10' x 10' booth space, if desired</li> </ul>
<b>Piasa Island</b> \$100	<ul style="list-style-type: none"> <li>• Fourth-tier visibility on brochures, stage banners, program, and donor board.</li> <li>• 10' x 10' booth space, if desired</li> </ul>
<b>For-profit business</b> \$50	<ul style="list-style-type: none"> <li>• 10' x 10' booth space to sell or display nature related or sustainable items</li> </ul>
<b>Non-profit/educational</b> \$25	<ul style="list-style-type: none"> <li>• 10' x 10' booth space</li> <li>• You must provide an educational activity</li> <li>• You are allowed to sell nature-related items for fundraising purposes</li> </ul>
<b>Downtown Businesses</b> \$20	<ul style="list-style-type: none"> <li>• 10' x 10' booth space to sell or display nature related or sustainable items. We understand that your specific business might not fall into that category, so please give us a call and we'll help you get creative!</li> </ul>
<b>Main Street Partners</b> Free	<ul style="list-style-type: none"> <li>• 10' x 10' booth space to sell or display nature related or sustainable items. We understand that your specific business might not fall into that category, so please give us a call and we'll help you get creative!</li> </ul>

Thank you very much for your consideration. For more info, please call:  
**Sara McGibany – Executive Director, Alton Main Street (618-463-1016)**  
**Christine Favilla – Three Rivers Project Coordinator, Sierra Club – Piasa Palisades Group (618-462-6802)**

**Registration Form ~ Mississippi Earthtones Festival 2015**  
**Event date: 9/19/15 - Deadline for entries: 09/14/15**

To reserve your space, please send this registration form along with a check payable to:

**Alton Main Street (Attn: MEF 2015)**  
219 Piasa St.  
Alton, IL 62002

Business Name: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Website to link your logo to: \_\_\_\_\_

Booth description: \_\_\_\_\_

Kids' activity description for passport (if applicable): \_\_\_\_\_

**Please mark your level of support:**

- |  |  |
|--|--|
| <input type="checkbox"/> Watershed Level - \$1000+   | <input type="checkbox"/> Piasa Island Level - \$100    |
| <input type="checkbox"/> Mississippi River Level - \$500   | <input type="checkbox"/> For Profit Business - \$50    |
| <input type="checkbox"/> Illinois River Level - \$300  | <input type="checkbox"/> Non-Profit/Educational - \$25 |
| <input type="checkbox"/> Downtown Businesses - \$20 (Partners of Alton Main Street receive complimentary booth space!) |  |
| <input type="checkbox"/> We are a non-profit that would require a scholarship in order to attend                       |  |

**Please mark which timeframe you will commit to:**     12-6pm     12-10pm

We advertise that kids' activities are from 12-6m and the event & music end at 10pm.  
Set up is from 10am-11:30am; inspection of booths will occur by 12pm, courtesy of the Alton Fire Dept.

**Please mark your utility requirements**

- We require a regular 110 outlet (\$10 surcharge)
- We require a water source      Other requests: \_\_\_\_\_

Please check  to show that you have read the new Green Rules and Regulations. Thank you!

---

***We recommend making a copy of your completed form for future reference.***

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*Alton Main Street is a community based, not-for-profit, volunteer organization dedicated to securing the economic vitality and aesthetic quality of the district.*



*The Sierra Club is America's oldest, largest and most influential grassroots environmental organization. Inspired by nature, they work together to protect our communities and the planet.*

*Mississippi Earthtones Festival/It's Our River Day has been held on Alton's Riverfront on the third Saturday of every September since 2007. Its goal is to boost awareness of rivers by offering hands-on conservation activities as well as lively recreational opportunities. Broad citizen participation is needed to protect this natural resource, and "It's Our River Day" is an important organizing tool for private and public agencies concerned with protecting this asset.*

## MISSISSIPPI EARTHTONES FESTIVAL 2015 VENDOR and EXHIBITOR INFORMATION

Saturday, September 19th, 2015 12 PM to 10 PM on Broadway between Alton & Langdon Streets

**FESTIVAL DESCRIPTION:** The Festival is part of a larger statewide celebration, the It's Our River Day, started by then-Lt. Governor Pat Quinn, in 2007. The goal of this day is to promote education, recreation, and conservation regarding our state's waterways. The Alton event is being presented by Alton Main Street and the Sierra Club, featuring over 50 vendors & exhibitors, and attracting thousands of people. It is the principal destination in our area to learn about environmental issues and solutions in a fun, family-friendly atmosphere of celebration. Live entertainment, a river litter clean up, local food & beer, and hands on activities are also an important part of the festival.

**WHO ATTENDS:** A diverse population of young and old with lot of families who seek GREEN information and fun, while listening to live music by the river! We also draw many who are new to the green movement making the Festival an ideal setting to promote your product or service.

**VENDORS SELLING PRODUCTS:** Vendors are encouraged to use natural, organic, and local ingredients. Those with affordable prices (\$5-\$40) do well. Promoting higher-end products is encouraged but on site sales will most likely be limited. However, the Festival is an ideal venue to collect contact information for future promotion.

**ENVIRONMENTAL RESPONSIBILITY:** Vendors are strongly encouraged to offer products and services that are in keeping with the environmental spirit of It's Our River Day and the Mississippi Earthtones Festival.

- A. "Green" products: as not to aid any company in "green-washing" their product or service we have come up with these quality control stipulations that your product must encompass one or more of the following:
  - a. A product that is bio-degradable, organic, locally-made, or uses all-natural ingredients
  - b. A product or service that results in significant energy savings
  - c. Handcrafted items using recycled, up-cycled, or reclaimed components
  - d. Informational booths relating to water quality issues, native plants & animals, environmental activism
- B. Help reduce your environmental impact by minimizing the number of printed materials and by collecting email addresses for future electronic (paperless) promotion.
- C. No Styrofoam containers will be allowed because this material is very hard to recycle and never breaks down in a landfill. If you need help finding an alternative to your food and drink containers (made from compostable or recyclable materials (plastic #1-7, but not #6), please contact us in advance.

### **VENDOR LAYOUT - PLEASE READ!**

The 2015 Festival will feature zones that better serve both the vendor and the public by grouping vendors and activities together who will stay until the same time.

#### Zones:

**Art Zone, Kid Zone, Adult Eco-Zone, Food & Beverage Zone**

### **MAP AND PASSPORT FOR KIDS – PLEASE READ!**

All vendors who have content-specific educational hands-on activities for kids will receive special distinction via placement in the passport that families will be following throughout their visit. Families will come to your booth, do your activity, get their passport stamped, and move on. After they go to at least 7 booths, they are eligible for an eco-friendly prize. Vendor must provide programming content of substance.

**MISSISSIPPI EARTHTONES FESTIVAL 2015  
VENDOR and EXHIBITOR INFORMATION**

**MEF FESTIVAL 2015 - RULES AND REGULATIONS**

1. Festival held rain or shine. VENDOR FEES ARE NON-REFUNDABLE.
2. Food items and beverages CAN NOT be sold or given away by a non-food vendor.
3. Absolutely NO Styrofoam containers are allowed to be used
  
4. Vendors are encouraged to NOT hand out free items made of plastic from China, etc. If you are in need of green promotional products (a better alternative to mainstream options), you may want to try Logo-It on Belle Street in Alton - [www.wecanlogoit.com](http://www.wecanlogoit.com) or 618-462-1899
  
5. Vendor recycling is expected and containers will be provided.
6. Registration is open to non-profit organizations and for-profit companies that have a eco-friendly product or service to sell or promote.
7. Mississippi Earthtones Festival committee reserves the right not to accept vendors that are incompatible with our mission: a full refund will be issued if registration is not accepted.
8. Vendor slot consists of a 10 x 10 space; no tables, chairs, or tents are provided– sorry
9. All vendor activities must be confined to allotted space: contiguous slots are available for an additional fee.
10. ALL TENTS MUST BE SECURED FOR SAFETY REASONS
  - a. ABSOLUTELY NO STAKING IN THE GROUND
  - b. Acceptable: Sand bags, cinder blocks or water ballast must be TIED to tent structure
11. Each vendor is responsible for his/her booth and all items in it.
12. Booths must be ready to open by 12pm and remain open until either, 6 or 10pm.
13. Vendors must comply with the rules & regulations of the City of Alton.

**Draft Schedule\***

9:00am-12pm	River Clean Up
10:30am-12pm	Booth Set Up
12pm	APDF inspection
12	Festival Opens
12	Passport stamp collecting commences
12:00-11:00pm	Music
4:00	Conservation Leadership Awards
6:00	First tier of vendors/exhibitors can leave
10:00	Festival ends; all remaining vendors/exhibitors can leave

\*subject to change as committee deems necessary

Thank you very much for your consideration,

Sara McGibany – Executive Director, Alton Main Street  
Christine Favilla – Three Rivers Project Coordinator, Sierra Club – Piasa Palisades Group

For more information, please call 618-463-1016 or 618-462-6802.

EXHIBIT A.4-C

## 2015 Riverbend Earth Day Festival (4<sup>th</sup> Annual)



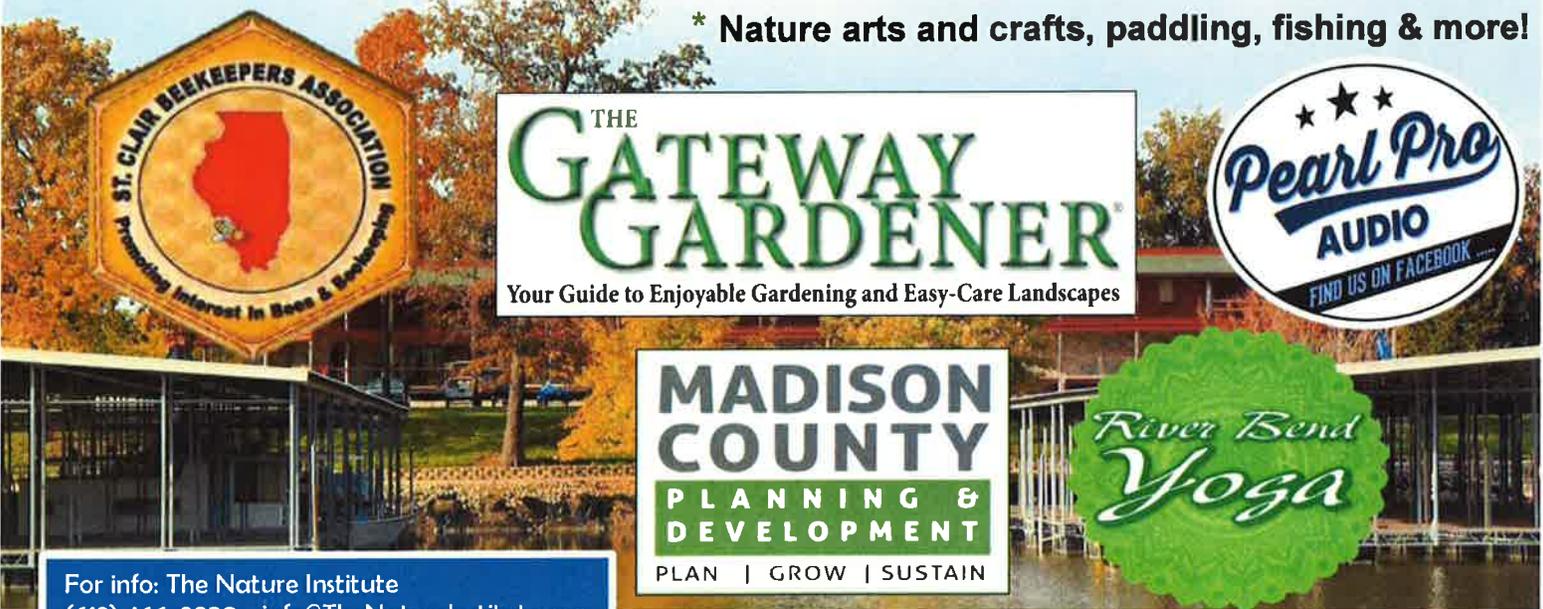
**Saturday, April 18, 2015**  
**Noon to 6 p.m.**  
**\*Rain or Shine!\***

4th Annual  
**Riverbend**  
**earth**  
**day**  
**Festival**

**Piasa Harbor**  
 Great River Road/Route 100  
**FREE and open to the public**

- \* Local Entertainment
  - Partner Showcase 12 - 12:45 p.m.*
  - Serengeti Steve's Reptile Experience 1 - 2 p.m.*
  - The Lodge Brothers Bluegrass 2:30 - 4 p.m.*
  - The Buckhannon Brothers 4:30 - 6 p.m.*
- \* Tasty food vendors on site
- \* Artisans market & environmental education
- \* Sierra Club's Spring Gardening 101- 1 & 3 p.m.
- \* Classes by River Bend Yoga- 12:30, 2, 3:30 & 5 p.m.
- \* Electronic recycling from 12 - 4 p.m.
- \* Organized hikes & tree plantings
- \* Nature arts and crafts, paddling, fishing & more!

**Sponsored by:**



For info: The Nature Institute  
 (618) 466-9930 • info@TheNatureInstitute.org

**Partners**



Meeting of the  
**GREAT RIVERS**  
 ALL AROUND ALTON, ILLINOIS



**The National Great Rivers  
 Research & Education Center**

EXHIBIT A.4-D

## 2015 Grow Native Event

# Native by Design: Landscapes Beyond Beauty

*The Value of Native Plants in our Landscapes*



## Presenters

**Jean Ponzi**, Green Resources Manager, Missouri Botanical Garden, Moderator

As a 20-year veteran of the Garden's EarthWays Center team, "Green Jean" works with businesses of all types and sizes to implement everyday and innovative sustainability practices, through the St. Louis Green Business Challenge.

**Rich Macho**, Madison County SWCD

Rick has assisted with farmers and landowners for planning, design and construction of conservation practices, with USDA Natural Resources Conservation Service in New York and Illinois and now with Madison County, where he administers several state and federal cost share assistance programs.

**Becky McMahon**, DJM Ecological Services, Inc.

Becky is a Project Ecologist with DJM Ecological Services, Inc. and Pure Air Natives, Inc. She supports all aspects of DJM's projects- from assessing a habitat, guiding installations, and throughout the stewardship phase.

**Mitch Leachman**, St. Louis Audubon Society

Mitch is the Executive Director of the St. Louis Audubon Society. On staff since 2008, Mitch plans and coordinates many chapter activities, including coordinating the Bring Conservation Home program, community stewardship projects, fundraising, communications and outreach.

**Ellen Nordhauser**, Master Gardener and Master Naturalist

A retired member of the Department of Historical Studies at SIUE, Ellen has lived in Edwardsville for the majority of the last 38 years at the same location. The lawn on this city lot (150 X 50) has gradually been replaced by plants native to Illinois, although some "exotic" species remain mixed in with the natives.

**Tom Shirrell**, Green Thumb Nursery

Tom has a bachelor's degree in Biology from SIUE and associates in Horticulture from STL community college. He has volunteered for years with Heartland Prairie. Tom has his own business which he started in 2013 named Green Thumb Nursery. Tom grows Illinois native prairie grasses and wildflowers and sells them at some local farmer's market.

**Scott Moss**, Lewis and Clark Community College

James "Scott" Moss is an instructor at Lewis and Clark Community College in Godfrey, Illinois. He is the program coordinator for Restoration Ecology, Environmental Science, and Stormwater Management, sustainability initiatives, and has worked for the National Great Rivers Research and Education Center.

**Tom Doyle**, HeartLand Prairie

Tom and his wife, Sue, bought 16 acres in southern Jersey County in 1986. Along with creating a 3 acre prairie on their property, he has been improving the composition of trees in their woodland through TSI and prescribed fire. He has been a volunteer land steward at Heartland Prairie for more than 10 years.

**Jesse Riechman**, Southeast Prescribed Burn Association

Jesse is the coordinator for the Southern Illinois Prescribed Burn Association (SIPBA), where he oversees burns in the 11 southernmost counties of Illinois. Riechman has served as State Chair of the Society of American Foresters and board member for the Friends of Touch of Nature and Friends of the Cache River.

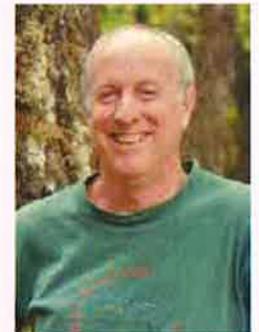
**Bill Klunk**, The Gardens at SIUE

Bill Klunk volunteers regularly at Southern Illinois University in Edwardsville (SIUE) as a Master Gardener supporting the campus 35 acre botanical gardens. Bill Klunk also volunteers as a Master Naturalist at both SIUE and The Nature Institute's (TNI) Heartland Prairie in Alton, IL.

**Lyle Guyon**, National Great Rivers Research and Education

Dr. Lyle Guyon has been working for the National Great Rivers Research & Education Center (NGRREC) as a terrestrial ecologist since 2005, where his activities are primarily focused on floodplain forest ecology and management in the Upper Mississippi River System.

**Featuring a Keynote  
Presentation by Doug  
Tallamy**



Doug Tallamy is professor and chair of the department of entomology and wildlife ecology at the University of Delaware in Newark, Delaware, where he has taught insect taxonomy, behavioral ecology, and other subjects. Chief among his research goals is to better understand the many ways insects interact with plants and how such interactions determine the diversity of animal communities.

Doug won the Silver Medal from the Garden Writer's Association for his book, *Bringing Nature Home*.

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**Grow Native! is a program of the Missouri Prairie Foundation**

# Native by Design: Landscapes Beyond Beauty

*The Value of Native Plants in our Landscapes*



## Agenda

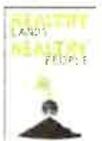
Friday, February 26, 2016, 7:30 a.m. to 12:00 p.m.

- 7:30 a.m. Registration, Breakfast, Visit Exhibitors
- 8:15 a.m. Welcome and Introductions
- 8:25 a.m. Remarks by Edwardsville Mayor Hal Patton
- 8:30–9:30 a.m. **Keynote: Doug Tallamy**  
*Hear from nationally renowned speaker why our landscapes need native plants.*
- 9:30–10:30 a.m. **Panel Discussion: How-To of Native Plants**  
Moderator: Jean Ponzi, Missouri Botanical Garden  
*Learn key concepts and methods for integrating natives on your land.*  
Rich Macho, Madison County SWCD  
Becky McMahon, DJM Ecological Services, Inc.  
Mitch Leachman, St. Louis Audubon Society  
Ellen Nordhauser, Master Gardener and Master Naturalist  
Tom Shirrell, Homeowner Perspective  
Scott Moss, Lewis and Clark Community College
- 10:30–10:45 a.m. Break, Visit Exhibitors
- 10:45–11:45 a.m. **PechaKucha Sessions: "Success Stories"**  
Introductory Remarks: Dale Chapman, President of Lewis and Clark Community College  
*Learn how speakers plant natives, promote pollinators, and practice sound stewardship in this dynamic presentation format!*  
Tom Doyle, HeartLand Prairie  
Jesse Riechman, Southeast Prescribed Burn Association  
Bill Klunk, The Gardens at SIUE  
Lyle Guyon, National Great Rivers Research and Education Center
- 11:45 a.m. Closing Remarks

### The Grow Native! Southwestern Illinois Event Committee:

- o Stephen Ibendahl, The i5Group
- o Bill Ruppert, Board Member, Grow Native
- o Nate Keener, Lewis and Clark College
- o Scott Moss, Lewis and Clark College
- o Virginia Woulfe-Beile, Sierra Club
- o Christine Favilla, Sierra Club
- o Grace Garin, Watershed Nature Center and SW Illinois Wild Ones
- o John Sloan, National Great Rivers Resource and Education Center
- o Lyle Guyon, National Great Rivers Resource and Education Center
- o Elisa Royce, Healthy Lands Healthy People
- o Jeff Stone, SCI Engineering

Presented by the Grow Native! Southwestern Illinois Event Committee:



Grow Native! is a program of the Missouri Prairie Foundation

# Native by Design: Landscapes Beyond Beauty

*The Value of Native Plants in our Landscapes*

A Grow Native!  
Southwestern Illinois  
Production  
Friday, February 26, 2016

Lewis and Clark Community  
College, LeClaire Room at the  
Nelson Center  
600 Troy Rd  
Edwardsville, IL 62025

## Registration Form

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Payment enclosed: \$ \_\_\_\_\_ or \_\_\_\_\_ paying with credit card on-line.

**Directions:** The Nelson Center is just south of downtown Edwardsville at 600 Troy Road. Park in the lots marked "Hale Parking Lot" and "MCT Parking Lot." Look for signs. Maps of the campus and parking are available on the event registration page at <http://grownative.org/?p=9992>

### Special Presenting Sponsors



**Registration Fee** Includes workshop; full, light breakfast; and handouts.

**Fee:** \$30 per registrant, \$20 per student with valid student ID.

**To register**, submit one registration form and payment for each attendee. Make checks payable to **Missouri Prairie Foundation** and mail by February 12, 2016 to:

Grow Native!  
Tina Casagrand  
1006 E. High St. Apt 4  
Jefferson City, MO 65101

Or make a secure credit card payment at <http://grownative.org/?p=9992>



**This Grow Native! workshop** is sponsored by the Missouri Prairie Foundation, which operates the Grow Native! program. For more information about this workshop, the Grow Native! program, or the Missouri Prairie Foundation, call 888-843-6739 or send a message to [info@grownative.org](mailto:info@grownative.org).

# Madison County Green Schools Program

## MS4 Numbers – March 2015-March 2016

- **Tab Top Tally & Shoeman Shoe Annual Collections:** 31 school participating and donating 13,900 pairs of shoes and 2,100 lbs of aluminum tab tops
- **Trashformation Innovation Creations,** 475 total participants from 20 schools
- **Sustainable PhotoVoice, Picture that Green:** 7 total participants from 1 school (first year for competition)
- **Earth Flag Celebration, May 12, 2015:** 210 participants
- **Green School Coordinator Get-Together, June 8, 2015:** 16 participants
- **Sustainability Institute for Educators, June 23-25, 2015:** 6 Madison County educators participated of the total 28 educators
- **Green School Coordinator Resource Day** (this also counted as a US Green Building Council Green Apple Day of Service event), September 26, 2015: 55 participants
- **Madison County “Green Seed” Environmental Grants:** From FY 2016, 9 schools applied and over \$13,400 was awarded to fund projects including recycling, composting, stormwater management, landscaping and energy efficient lighting to take place in the 2015-16 school year.
- **US EPA Air Quality School Flag Program:** All of Wood River Hartford, Alton Public Schools, Granite City Public and private schools now participating; 20 schools total
- **Madison County Rain Barrel Design Contest:** Received 155 entries from 10 different schools; 3 winning schools will receive rain barrels at their schools and overall winner will have either native landscaping or a rain garden installed on their site this spring
- **US Green Building Council Green Schools Quest Competition:** 3 Madison County schools participated this year
- **Clean Air & Healthy Living Bookmark Design Competition:** 926 entries from 27 different schools
- **Smart Grid for Educators Workshop, March 5, 2016:** 25 participants
- **Rain Gauge Monitoring Program:** The Madison County Green Schools Program provides the rain gauge and background information, while schools record and enter the data. Total of 5 schools participating this year, directly impacting 115 students and over 3,000 students indirectly.
- **Yet to Come in April & May, 2016:** Trashformations & PhotoVoice competition, Earth Flag Celebration, Green School Coordinator Get-Together

### Ongoing activities

- Many Madison County Schools have completed and submitted their **Green Schools Benchmarking & Green Goals:** The goal is to get a more comprehensive overview of what, exactly, Madison County schools are doing regarding sustainability practices. We continue to receive the documents from schools and plan to utilize National Geographic’s FieldScope database ([http://education.nationalgeographic.com/education/programs/fieldscope/?ar\\_a=1](http://education.nationalgeographic.com/education/programs/fieldscope/?ar_a=1)) to record all the information and make it available to the public in an easy-to-use interface.
- **Recycling Collections:** Aluminum can tab tops, Trex (plastic bags), Cell Phones, keys, eyeglasses...

*Welcome.....*



# Earth Flag Celebration <sup>2015</sup>

## Schedule

9:00-9:30 Arrival & Breakfast

9:30-9:45 Greetings & Logistics

9:45-10:30

- Welcome & Introductions – Alan Dunstan, Madison Co Board Chairman
- Award Presentations
  - The Earth Flag - Kim Petzing, Madison Co Green Schools Coord.
  - Green School Coordinator of the Year – Susan Piazza,  
Republic Services
  - Green School Team of the Year – Dr. Robert Daiber, Regional  
Superintendent of Schools
  - Rain Barrel Competition
  - Clean Air & Healthy Living Bookmark Competition
  - Trex Plastic Film Recycling Challenge
  - Trashformation Innovation Creations!
  - Sustainable PhotoVoice; Picture that Green Winners
  - Tab Top Tally – Luke Harris, Highland Recycling
  - Shoeman Shoe Collection - Nick Lintner, Solea Water
- Wrap-up & Last Announcements

10:30-11:00 Activities

- Photographs of winners
- Trashformation Arcade
- Green Schools Photobooth
- Garden to Go

11:00-11:15 On the way out...

- Earth Flag Streamers
- Bookmarks

## ***Congratulations to the following 2014-15 competition winners...***

### **Rain Barrel Design**

- David Welborn, Central Elementary – K-2
- Kate Becker, Highland Elementary – 3<sup>rd</sup>-5<sup>th</sup> & Best in Class
- Madalyn Madgruder, Roxana Jr. High – 6<sup>th</sup>-8<sup>th</sup> grade

### **Clean Air & Healthy Living Bookmark**

- K-2<sup>nd</sup> grade
  - 1<sup>st</sup> place – Grace Fenton, Highland Primary
  - 2<sup>nd</sup> place – Taylor Partridge, South Roxana Elementary
- 3<sup>rd</sup>-5<sup>th</sup> grade
  - 1<sup>st</sup> place – Nola Brandmeyer, Columbus Elementary
  - 2<sup>nd</sup> place – Max Smith, Frohardt Elementary
- 6<sup>th</sup>-8<sup>th</sup> grade
  - 1<sup>st</sup> place – Emily Dixon, St. Mary's Middle School (Alton)
  - 2<sup>nd</sup> place – Stephanie Kamp, Roxana Jr. High

### **Trashformation Innovation Creations!**

#### Kindergarten – 2<sup>nd</sup> Grade Team

1 <sup>st</sup> Place	Steel Can Xylophone	Rock, Brock & Meggie O'Toole	Marine Elementary
2 <sup>nd</sup> Place	Picnic Time Tote	Dalton Beers, Remington Werden & Emily Kuethe	St. Peter's Lutheran

#### Kindergarten – 2<sup>nd</sup> Grade Individual

1 <sup>st</sup> Place	Dog Dish	Eve Scarborough	Glen Carbon School
2 <sup>nd</sup> Place	Interactive Toy	Lillian Tackitt	Lewis & Clark Elem.
3 <sup>rd</sup> Place	Imaginary Play	Braden Wuebbels	Marine Elementary

#### 3<sup>rd</sup> Grade – 5<sup>th</sup> Grade Team

1 <sup>st</sup> Place	The Green Garden	Nate & Libby Engler	Marine Elementary
2 <sup>nd</sup> Place	Recycled Time	Madison Gentry & Kristen Lowry	Silver Creek Elementary
3 <sup>rd</sup> Place	Minion-zilla Loses Banana On Eiffel Tower	Caroline Coffman, Tanna Hoffman & Isabella Norton	Meadowbrook

#### 3<sup>rd</sup> Grade – 5<sup>th</sup> Grade Individual

1 <sup>st</sup> Place (tie)	Portable Chair	Elizabeth Daugherty	Worden
1 <sup>st</sup> Place (tie)	Recycled Sports Stool	Donny Becker	Marine Elementary
2 <sup>nd</sup> Place	Feeding Time	Lauryn Fenaglio	Maryville
3 <sup>rd</sup> Place	Everyday Girls' Organizer	Reagen Roose	Meadowbrook

### **Sustainable PhotoVoice; Picture that Green!**

#### 6<sup>th</sup> Grade – 9<sup>th</sup> Grade

1 <sup>st</sup> Place	Salvaging the Century Old Bard	Meghan Dustmann	St. Peter's Lutheran
2 <sup>nd</sup> Place	Environmental Awareness	Isabel Monano	Roxana Jr. High
3 <sup>rd</sup> Place	Bike Pic	Megan Stover	Roxana Jr. High



shoeman   
water projects



# Turning used shoes into water

**1** Gather all the shoes you don't wear anymore. Rubber band or tie each pair together.



**2** Take them to a nearby shoe drop-off location! (Visit [www.shoemanwater.org](http://www.shoemanwater.org) to find the nearest location.)



**3** We collect all the shoes and they are exported to street vendors in places like Kenya, Haiti, and South America.



**4** The street vendors receive valuable shoes, and people without shoes can purchase them for pennies on the dollar.



**5** We use the funds generated from exporting the shoes to provide well drilling rigs, water purification systems, repairs for hand pumps, and health and hygiene training.

**6** Communities around the world receive the life-saving gift of **clean water.**



To donate, host a shoe drive or volunteer, visit [www.shoemanwater.org](http://www.shoemanwater.org) or call 877-709-SHOE (7463).



# shoeman water projects



George "The Shoeman" Hutchings  
Founder of Shoeman Water Projects

Our work reduces landfill waste, puts shoes on bare feet, and provides clean water in impoverished villages to facilitate better health, hygiene, farming and livelihoods throughout the world.



## Turning used shoes into water

Shoeman Water Projects collects donated new and used shoes and exports the shoes to street vendors in places like Kenya, Haiti and South America, providing affordable shoes and jobs for those communities. The funds are used for well drilling rigs, water purification systems and training programs to bring clean, fresh water to those who thirst.

### FREQUENTLY ASKED QUESTIONS

#### What types of shoes do you accept?

**Shoeman Water Projects accepts all types of shoes:** athletic, running, dress, sandals, pumps, heels, work boots, cleats, dance, flip flops. As long as they do not have holes in them, we accept them!

#### Where can I drop off shoes?

We have more than 200 shoe drop-off locations. To find one near you, visit [www.shoemanwater.org](http://www.shoemanwater.org) and type your zip code in our shoe drop-off locator. If you don't see one near you, please give us a call at 636-751-8197.

#### How do I become a drop off location?

Becoming a drop-off location is easy, and it will provide you with additional foot traffic at your location. Contact [info@shoemanwater.org](mailto:info@shoemanwater.org). We will add you to our website and provide you with signage and a storage container.

#### Where do the shoes go?

Shoeman Water Projects exports shoes to street vendors in Kenya, Haiti, and South America. Shoe resale builds the local developing economy with retail businesses and affordable shoes for pennies on the dollar. These shoes become a life-saving tool as they protect the new owner's feet and overall health from foot abrasions, parasites and mites.

#### How can I get more involved?

Are you ready to make a difference? We harness the power of volunteers to help bring footwear to the shoeless and water to the thirsty. Volunteers can:

- Host a shoe drive (We make it easy with a shoe drive kit!)
- Sort shoes at our warehouse
- Rescue shoes after garage sales
- Collect shoes from drop-off locations
- Join us on a water trip
- Attend, assist with, or host water purification and health and hygiene training.

Just fill out the volunteer form at [www.shoemanwater.org](http://www.shoemanwater.org) to get started!

877-709-SHOE(7463) | 636-751-8197

[www.shoemanwater.org](http://www.shoemanwater.org)

to donate, host a shoe drive or volunteer

[facebook.com/shoemanwaterproject](https://www.facebook.com/shoemanwaterproject) [twitter.com/ShoemanWaterOrg](https://twitter.com/ShoemanWaterOrg)

Shoeman Water Projects is a work of Eagle Wings Ministries, a registered 501(c)(3) non-profit charity, working to alleviate as much human suffering as possible.

EXHIBIT B.6/F.1-A

**Madison County MS4 Co-Permittee Group  
2015-2016 Quarterly Meeting Agendas**

## **AGENDA**

**MS4 Co-Permittee Group Meeting  
Wednesday June 10, 2015 9:00 AM  
Madison County EMA  
101 E. Edwardsville Rd.  
Wood River, IL. 62095**

1. Introductions
2. Scheduling: Next Meeting Dates: September 9, 2015  
December 9, 2015, March 9, 2016, June 8, 2016
3. Field Day Update (Cover Crop)
  - a. November 13, 2015 (Local)
  - b. January 27, 2016 (Regional)
4. Update on recent IEPA MS4 Audits – Village of Maryville
5. CESSWI –Update ([envirocertintl.org](http://envirocertintl.org))
6. Green Schools Presentation – Kim Petzing
7. Sediment & Erosion Control Presentation – Ed Nelson
8. Questions? Other topics for discussion?
9. Next Meeting – September 9, 2015

## **AGENDA**

**MS4 Co-Permittee Group Meeting  
Wednesday Sept. 9, 2015 9:00 AM  
Madison County EMA  
101 E. Edwardsville Rd.  
Wood River, IL. 62095**

1. Introductions
2. Field Day Update (Cover Crop)
  - a. November 13, 2015 (Local)
  - b. January 27, 2016 (Regional)
3. Erosion & Sediment Control Field Day (TBD)
4. Update on recent IEPA MS4 Audits – Foster Township & Wood River Township  
Chouteau Township???
5. CESSWI –Update (August 27<sup>th</sup> & 28<sup>th</sup>)
6. Presentation – Residential Development Process
7. Questions? Other topics for discussion?
8. Next Meeting – December 9, 2015

## **AGENDA**

**MS4 Co-Permittee Group Meeting  
Wednesday Dec. 9, 2015 9:00 AM  
Madison County EMA  
101 E. Edwardsville Rd.  
Wood River, IL. 62095**

1. Introductions

### **Events**

2. Local Cover Crop Seminar & Field Day – November 13, 2015
3. Regional Conservation Cropping Seminar & Workshop – January 27, 2016
4. Erosion & Sediment Control Field Day – February 5, 2016
  - a. At SIUE Ball Room – 8am to noon
  - b. No Cost
  - c. PDH Credits Available
  - d. Pre-Registration
5. Grow Native Event – February 26, 2016
  - a. At LeClaire Room, Nelson Center – 7:30am to noon
  - b. See Event Flyer

### **Watershed Plans**

6. Silver Creek, Cahokia-Indian-Canteen Creeks

### **MS4 Audits**

7. Update on recent MS4 Audits – Chouteau Township
8. City of Wood River???

### **Presentation**

9. Inspections, Roles & Responsibilities
  - a. Scott Rose – Madison County
  - b. David Coody – Village of Glen Carbon
  - c. Jeff Dortch – Gonzalez Companies
  - d. Rick Macho – Madison County SWCD
10. Questions? Other Business?
  - a. Steering Committee Meeting – January 2016?
11. Next Meeting – March 9, 2016
  - a. Annual Reports

## **AGENDA**

**MS4 Co-Permittee Group Meeting  
Wednesday March 16, 2016 9:00 AM  
Madison County EMA  
101 E. Edwardsville Rd.  
Wood River, IL. 62095**

### **Introductions**

1. Introductions

### **Events-Summary**

2. Regional Conservation Cropping Seminar & Workshop – January 27, 2016
3. Erosion & Sediment Control Field Day – February 5, 2016
4. Grow Native Event – February 26, 2016

### **Upcoming Events**

5. ASP – Clean & Green Conference – April 8<sup>th</sup> St. Louis, Mo.
6. Annual Larvicide Application Training – April 19<sup>th</sup> Wood River EMA

### **Watershed Plans Follow Up**

7. Silver Creek, Cahokia-Indian-Canteen Creeks

### **MS4 Audits Update**

8. Update on recent MS4 Audits – Jarvis Township, January 28<sup>th</sup>.

### **Discussions**

9. New Pesticide Permit
  - a. NOI
10. 2015-16 Annual Report
  - a. New Activities Record – Ben
11. New MS4 General Permit (ILR40)
  - a. Changes and modifications – Ben
12. Questions? Other Business?
13. Next Meeting – Wednesday June 8, 2016
  - b. TBD – Hydro-seeding?

**Madison County Health Department  
2015 Municipal Larvicide Training**



**Madison County Government  
Health Department**

*Toni M. Corona · Public Health Administrator*  
101 East Edwardsville Road · Wood River, IL 62095-1332  
Phone (618) 692-8954  
Faxes (618) 692-8905 Admin (618) 296-7011 Nursing (618) 251-9482

*Alan J. Dunstan*  
County Board Chairman

**IMPORTANT NOTICE**

**TO:** Municipal Government Officials, Township Supervisors,  
and Public Works Directors

**FROM:** Mary Cooper, L.E.H.P.  
Environmental Health Services Manager

**DATE:** March 18, 2015

**RE:** One-Hour Larvicide Training for Municipal Employees

---

The Illinois Department of Agriculture requires any municipal employee who applies pre-packaged solid larvicides for mosquito control and who is not a licensed pesticide applicator attend annual training. Those who receive one-hour training may only make applications during the calendar year in which the training was received.

Madison County Health Department is offering a one-hour larvicide training clinic for municipal and township employees on Wednesday, April 15, 2015 at 9:00 a.m. at the Madison County Wood River Facility. This training is an annual requirement for employees who will be applying these specific larvicides and who are not licensed applicators.

In addition, EPA Notice of Intent will be required to dispense larvicide in water within the United States. Steve Brendel with Madison County Planning and Development will provide training on how to submit the required Notice of Intent at the larvicide training.

**Wednesday, April 15, 2015**  
**Madison County Wood River Facility**  
**Emergency Operation Center (EOC) room**  
**(Enter building at the Emergency Management Agency sign)**  
**101 East Edwardsville Road**  
**Wood River, IL 62095**

**Training course promptly begins at 9:00 a.m.**

There is no cost to attend this training. To register by phone, please call (618) 296-6079 or e-mail [kasemanisin@co.madison.il.us](mailto:kasemanisin@co.madison.il.us).

If an employee is interested in becoming a licensed pesticide applicator, please call the University of Illinois Extension's Pesticide Applicator Training (PAT) program at (800) 644-2123 for clinic dates and locations.

EXHIBIT B.7-A

## 2015 Prescription Drug Take Back



# Got Drugs?

**LOOKING FOR A SAFE AND SECURE PLACE TO TURN IN YOUR UNUSED OR EXPIRED MEDICATION?**

Madison County Sheriff's Department	405 Randle St., Edwardsville	692-1064
Alton Police Department	1700 East Broadway, Alton	463-3505
Bethalto Police Department	213 N. Prairie St., Bethalto	377-5266
Collinsville Police Department	200 W. Clay St., Collinsville	344-2131
East Alton Police Department	211 N. Shamrock, East Alton	259-6212
Edwardsville Police Department	400 N. Main St., Edwardsville	656-2131
Glen Carbon Police Department	149 North Main St., Glen Carbon	288-7226
Granite City Police Department	2330 Madison Ave., Granite City	877-6111
Edwardsville Police Department	400 N. Main St., Edwardsville	656-2131
Highland Police Department	820 Mulberry St., Highland	654-2131
Madison Police Department	615 Madison Ave., Madison	876-4300
Roxana Police Department	400 S. Central Ave., Roxana	254-1945
Troy Police Department	116 E. Market St., Troy	667-6731
SIUE Police Department	99 Supporting Services Rd., Edwardsville	650-3324
Maryville Police Department	2500 N. Center St. Maryville	344-8899



**Madison County State's Attorney  
Tom Gibbons**  
[www.madco-sa.org](http://www.madco-sa.org)  
618.692.6280

# Prescription Drug Take-Back Day

**Saturday, September 26, 2015**  
**10:00 a.m. — 2:00 p.m.**

Drop off your unused or expired prescription or over-the-counter medications at the Fall 2015 Take-Back Day on Saturday, September 26, 2015.

Disposal bins will be located in the parking lot behind the County Administration Building, 157 N. Main St., Edwardsville.



**LOCK  
YOUR  
MEDS™**



**FREE lock bags to  
safely store meds to  
first 25 drop-offs!**

Sponsored by State's Attorney Tom Gibbons,  
Sheriff John Lakin & Coroner Steve Nonn

*For more information, visit [www.madco-sa.org](http://www.madco-sa.org).*

## 2015 Electronic Waste Collection

**AN E-WASTE RECYCLING EVENT TO BENEFIT**

# **WORLD YOUTH DAY 2016**



**SATURDAY, MAY 16<sup>TH</sup>**

**9AM – NOON**

**HIGHLAND KC HALL  
PARKING LOT**



**Items accepted include cell phones, computer towers, laptops, servers, fax machines, scanners, digital converter boxes, CDs, DVDs, printers, cables, keyboards, mice, video game consoles and even Christmas lights, blenders, toasters and irons!**

**A complete list may be found at [www.cjdecycling.com/electronics](http://www.cjdecycling.com/electronics).**

**For more information, please call Jill Griffin, St. Boniface Director of Worship, at 618-610-6972, or Dineen Czar at 314-614-2265.**

## 2015-2016 Christmas Tree Recycling

Vicinity	Drop-Off Sites	Curbside Pickup Available?
Village of Alhambra	Maintenance Shed	Yes, call village hall at 488-3505
City of Alton	Milton Park South End of Aberdeen  Northside Park 201 Rozier  James Killion Park at Salu Salu / Washington Avenue  Haskell Park 1211 Henry Street  Riverview Park Bluff Street	No
Village of Bethalto	No dropoff sites - Pickup Only	Call Jay Kilmer, Street Dept. 377-8013
City of Collinsville	Collinsville Public Works Garage 850 South Morrison St.  Jaycee Sports Sports Complex 198 Complex Drive  Willoughby Farms 631 Willoughby Lane	No
Collinsville Township	Collinsville Township Garage 1407 N. Bluff Road	Call Larry Trucano, Highway Commissioner 344-0013 (unincorporated residents only)
Choteau Township	Choteau Township Garage 906 Thorngagte Drive Granite City, IL <i>**Property is gated - dropoff only between 7:00 am and 4:00 pm **</i>	No
Village of East Alton	Municipal Garage 331 Playground Court	Call village hall for pick-up 259-8069 (Village residents only)
City of Edwardsville/ Edwardsville Township	Winston Brown Rec. Plex (west end of parking lot) 1325 Schiller Ave.  Edwardsville Township Community Park 6968 Center Grove Road	No
Foster Township	Foster Township Garage 2914 4th Street (at Fosterburg Road)	No

Fort Russell Township	Fort Russell Township Garage 112 Clover Moro, IL	No
Glen Carbon	Citizen's Park Glen Carbon	No
Village of Godfrey	Godfrey Street Department 6212 Godfrey Road	No
Grantfork	Maintenance Shed South end of Lynn St.	No
Granite City	Granite City Parks Department 29th Street Turn Around in Granite City	No
Hamel Township	Hamel Township Highway Dept. 403 North Old Route 66	No
Helvetia Township	Helvetia Township Highway Department 12466 Buckeye Road Highland	No
Leef Township	Leef Township Garage 12905 Niggli Road Highland	No
Village of Livingston	Olive Township Shed 8363 East Frontage Road Livingston	No
Marine Township	Marine Township Highway Garage 620 N. Vernon	No
Village of Maryville	No dropoff sites - Pickup Only	Pick up is 1st consecutive Monday and Tuesday of each month - same as regular yard waste days - place tree at curb
Moro Township	Moro Township Highway Department 117 Montgomery	No
Nameoki Township	Nameoki Township Highway Depart. 4250 Highway 162 Granite City	No
Olive Township	Olive Township Hwy Department 8363 Frontage Road	No
Omphghent Township	Omphghent Township Shed 650 Main Street	No
Pin Oak Township	Pin Oak Township Highway Dept. 3702 Tosovsky Lane (Routes 55 & 143) Edwardsville	No
Saline Township	Saline township Shed 3642 George Highland	No
Village of South Roxana	South Roxana Public Works Dept. Dead end of Sinclair Avenue South Roxana	No
Venice Township	Eagle Park 208 Watson Madison	No

City of Wood River	City Garage (located near water tower) Route 143 & 14th Street  Dump Site at 400 Smith Court in the Enviro Tech Business Park	No
Wood River Township	No dropoff sites - Pickup Only	Contact Township for pickup (Township residents only) 259-2490

EXHIBIT B.7-D

## Upper Silver Creek Watershed Plan

# Upper Silver Creek Watershed Plan



Photo of Silver Creek near  
Fruit Road.



**HEARTLANDS**  
CONSERVANCY

## Overview of Plan

The Upper Silver Creek Watershed Plan is a tremendous opportunity to create a long-term vision to improve water quality and reduce the impacts of flooding in the Silver Creek watershed. The two year planning process will bring together technical analysis and stakeholder and public input to develop a watershed-based plan. The Watershed Plan will be a roadmap for a healthier watershed, with public input shaping how current and potential watershed issues and opportunities are met. This plan will complement Madison County's Stormwater Plan. Major components of the plan and process include:

### Watershed Resource Inventory

The watershed resource inventory essentially reviews the existing conditions within the watershed. The inventory will document existing conditions in Silver Creek and its tributaries including channelization, erosion, and riparian area condition. Information including existing soil types, demographics, land use / land cover, geology, and climate will also be collected. Existing pollutant loads of nitrogen, phosphorus, and sediment will be estimated from existing land uses.

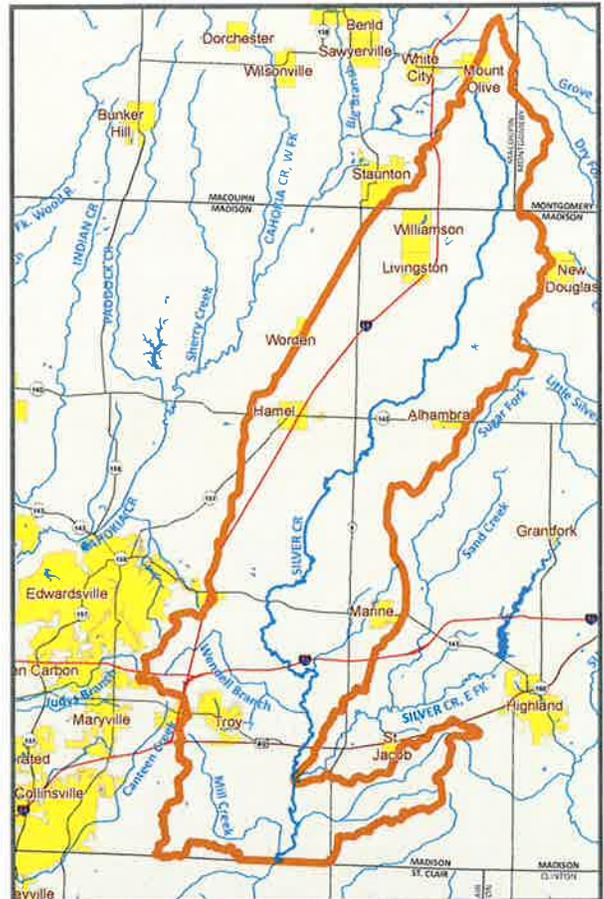
### Watershed-Based Plan

Based on the watershed resource inventory and input from stakeholders and the public, a watershed-based plan will be developed. The plan will identify potential best management practices for prevention, remediation, restoration, and maintenance to achieve water quality, natural resources, and flood control objectives.

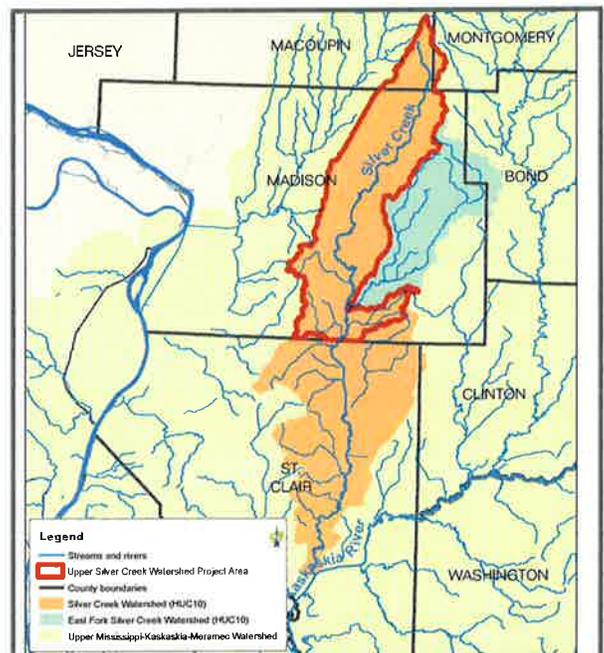
Best management practices will be recommended based on the results of the inventory. Some potential examples include: streambank stabilization, conservation tillage, rain gardens, conservation reserve programs, and policy changes. The plan will identify approximate costs of recommendations, a potential schedule for implementation, and funding sources.

### Public and Stakeholder Involvement

A key part of the plan will be involving elected officials, community groups, the public, and landowners in the planning process. Individual and small group stakeholder meetings will take place during the summer of 2014. Open house events for the public will take place in August, 2014. Follow-up meetings will occur in 2015. In addition, in the fall of 2014, a mailed and online survey will be sent to a cross section of residents with a focus on identifying areas of flooding.



Project area of the Upper Silver Creek Watershed Plan. The planning area includes multiple communities in Madison and portions of Macoupin and Montgomery counties.



Upper Silver Creek planning area in context of surrounding counties.

## Questions & Answers

# About the Upper Silver Creek Watershed Plan & Planning Process

### ***Why is this Watershed Plan being done?***

The plan is an opportunity to identify strategies to improve water quality and reduce the impacts of flooding in the watershed. By documenting existing conditions and developing recommendations and strategies for best practices to improve water quality and to reduce flooding, the plan will be a roadmap for communities, agencies, and landowners for future improvements. The plan will also identify potential sources of funding. Improved water quality provides for healthier community water supplies, increased opportunities for recreation, and healthy habitats. Flooding has tremendous costs such as damage to homes, business, and infrastructure such as roadways. Strategies for mitigating flooding will help reduce costs for homeowners, businesses, and taxpayers.

### ***Will the public be involved in the planning process?***

Yes! The public will be involved in a number of ways. First, there will be individual and small group stakeholder meetings during the summer of 2014. Stakeholders will include elected officials, community and civic groups, and landowners. There will also be public open house events in late summer, 2014. In 2015, there will be follow-up meetings with stakeholders and the public as the draft plan is developed.

### ***Will this study solve flooding problems in our communities and in the Upper Silver Creek?***

Solving all flooding problems will not happen overnight. Long term strategies will be needed to reduce flooding impacts in the watershed. This plan will be an important step in the process, especially with a mailed and online survey in the fall of 2014 that will help identify areas of flooding that occur outside of designated floodplains. Additional study and analysis will likely be a key outcome of this process. This plan will also compliment Madison County's Stormwater Plan.

### ***Will the Watershed Plan commit communities and landowners to implementation?***

This is a very common question. The plan will present recommendations for best management practices such as improvement projects or updated policies. It will be up to the communities and individual land-owners to implement the recommendations. The plan will identify sources of funding and partners that can assist in implementation. An example of an existing voluntary program is the Conservation Reserve Enhancement Program (CREP). CREP is a federal, state, and local natural resource partnership. Through CREP, program participants receive financial incentives from USDA's Farm Service Agency and the state of Illinois to voluntarily enroll land in the program.

### ***Who are the partners involved with the Watershed Plan?***

There are multiple partners already involved including Madison County, HeartLands Conservancy, the National Great Rivers Research & Education Center, Illinois EPA, and Madison County Soil & Water Conservation District. We expect many partners will become involved over the course of the process.

For more information on the Upper Silver Creek Flooding Plan or to be on our mailing list, please contact Janet Buchanan at HeartLands Conservancy, (618) 566-4451 ext. 25, or [janet.buchanan@heartlandsconservancy.org](mailto:janet.buchanan@heartlandsconservancy.org).

# Schedule: Upper Silver Creek Watershed Plan

## Summer 2014

- Small group stakeholder meetings with elected officials, mayors, civic groups, and land owners.
- Public open houses in August.
- Draft Watershed Resource Inventory (Existing Conditions Report).



## Fall 2014

- Final Watershed Resource Inventory (Existing Conditions Report).
- Draft priority or issues and areas of focus.



## Winter 2014 - 2015

- Develop recommended best management practices (BMPs).
- Refine priority list of issues and areas of focus.



## Spring / Summer 2015

- Draft Watershed-Based Plan.
- Follow-up meetings with stakeholders.
- Public open houses to review Watershed-Based Plan.
- Finalize best management practices (BMPs) and priority areas.
- Comments and revisions to draft Watershed-Based Plan.



## Fall 2015

- Final Watershed-Based Plan.
- Future implementation.





Community Flooding in the Upper Silver Creek



Agricultural Flooding in the Upper Silver Creek

# We Want Your Input!

Join us at one of two Open Houses for the Upper Silver Creek Watershed Plan.

At the open houses you can:

- Provide your input on goals and strategies for water quality and flooding issues in the watershed.
- Learn more about the overall watershed plan.
- Assist the planning team in identifying locations of existing flooding problems.

Who Should Attend?

- Community Officials
- Land Owners
- Home Owners
- Business Owners
- Those interested in the Upper Silver Creek Watershed

Learn more at:

[www.HeartLandsConservancy.org/UpperSilverCreek](http://www.HeartLandsConservancy.org/UpperSilverCreek)

**Tues., August 19th**

**OPEN HOUSE #1**

Troy City Hall  
116 E. Market St.  
Troy, IL 62294  
6:00 - 9:00 pm

**Wed., August 20th**

**OPEN HOUSE #2**

Hamel Community Center  
10 Park Avenue  
Hamel, IL 62046  
6:00 - 9:00 pm

Open house format with no formal presentation, feel free to stop by anytime between 6:00 - 9:00 pm. Information will be the same at both meetings. For more information, contact Janet Buchanan at 618-566-4451 ext. 25



## Take 7 Minutes and Complete Our Survey!

[www.surveymonkey.com/s/UpperSilverCreek](http://www.surveymonkey.com/s/UpperSilverCreek)

The community flooding survey for homes, businesses, and property owners in the Upper Silver Creek will help in determining strategies and recommendations for addressing flooding problems in the Silver Creek Watershed.

*(Survey open until September 12, 2014)*

# Upper Silver Creek Watershed Plan



# EXECUTIVE SUMMARY

This report summarizes the findings of the Madison County Community Flood Survey, which was distributed to homeowners and business owners in the Upper Silver Creek Watershed to gather information about the location, extent, impacts, and causes of flooding in the watershed.

A total of 477 surveys were completed from within the study area out of 2,000 mailed out, giving a response rate of 24%. Some of these were collected via an online survey.

A watershed is an area that drains to a defined point. Watersheds are defined at a variety of scales for different purposes. For management and analysis purposes, the Upper Silver Creek Watershed is defined by smaller hydrologic units between up-stream and down-stream points. Each unit has a unique 14-digit hydrologic unit code (HUC), and these units are informally called HUC14 subwatersheds. Thirty percent (30%) of survey respondents were within the HUC14 subwatershed that contains Troy, 07140204050603. All HUC14 subwatersheds had at least 2 respondents.

## Key Findings

- **PREVALENCE:** Over a quarter of respondents (26%) experienced flooding in the last 10 years.
- **FREQUENCY:** 55% of respondents with flooding experienced flooding at least once per year in the last 10 years. On average, respondents with flooding experience 2.7 floods per year.
- **EXTENT OF DAMAGE:** Of those who had been flooded in the last 10 years:
  - 45% said that the flooding had damaged their primary home or business;
  - 43% had damage to fences, auxiliary buildings, and other structures; and
  - 46% had damage to yards and landscaping.
- **NEIGHBORS:** Half of all survey respondents were aware of flooding on one or more of their neighbors' properties. Of the survey respondents who had been flooded, half said that their neighbors had also been flooded.
- **TOP FOUR CAUSES OF FLOODING:**
  1. Heavy rainstorms
  2. Water draining from a neighboring property
  3. Flooding from a nearby river, stream, lake, ditch, or pond
  4. Blocked or unmaintained pipe, culvert, or ditch
- **REPORTING:** Over half of respondents who had flooding did not report it to anyone. Those that did report it were most likely to contact their city or village (18%) or their township (13%).
- **EFFECTS FROM FLOODING:** Stress was the most commonly reported impact from flooding. Others included loss of access to property, including loss of access to major entry/exit routes to their homes; lost business income; crop damage; and repair and replacement costs of goods and structures.

AVERAGE  
**2.7**  
FLOODS PER YEAR

  
1/2 of Neighbors  
Flooded Too

  
DIDN'T REPORT  
FLOODING

- **MONETARY LOSS:** Two-thirds who reported a monetary loss said their monetary loss over 10 years was less than \$5,000. Another 24% said that the loss was between \$5,000 and \$20,000. Two respondents (4% of those who answered) said their losses were between \$100,000 and \$500,000.

Respondents reported a total of at least \$330,016 in costs due to flooding over the last 10 years. Each respondent who reported a cost paid at least \$6,471 over 10 years. The average cost paid was \$18,579 over 10 years. It is estimated that about \$42,902,080 was lost due to flooding over the last 10 years in the Upper Silver Creek Watershed.



- **RELATIONSHIP TO FLOODPLAINS:** Floodplains designated by the Federal Emergency Management Agency (FEMA) constitute close to 11% of the total acreage in the Upper Silver Creek Watershed within Madison County, and 13% of the survey responses came from parcels wholly or partly within a FEMA-designated floodplain. However, 10% of survey respondents did not know that they lived or owned property in a FEMA-designated floodplain.

- **FLOODING OUTSIDE OF THE FLOODPLAIN:** Flooding does not always occur in floodplains in the watershed. Respondents reported that approximately 146 events per year occur outside of FEMA-designated floodplains in the watershed. Within floodplains, approximately 88 flood events per year were reported.



- **FLOOD INSURANCE:** Fourteen percent (14%) of respondents have flood insurance.

- **FLOOD INSURANCE CLAIMS:** Eight percent (8%) of people who have flood insurance (5 respondents) have made one or more claims. Of those respondents who have flood insurance, 54 (82%) have it on structures that are not in a floodplain.



- **DOWNSPOUTS:** Ninety percent (90%) of respondents said their downspouts flow out onto their lawn or other ground surface. Five percent (5%) of respondents said their downspouts were connected to cisterns, rain barrels, or other rainwater harvesting storage, and the remaining 5% said they were connected to storm sewers.

- **ACTIONS TAKEN TO PREVENT FLOODING:** 138 respondents made one or more improvements to try to prevent or reduce flooding on their properties.

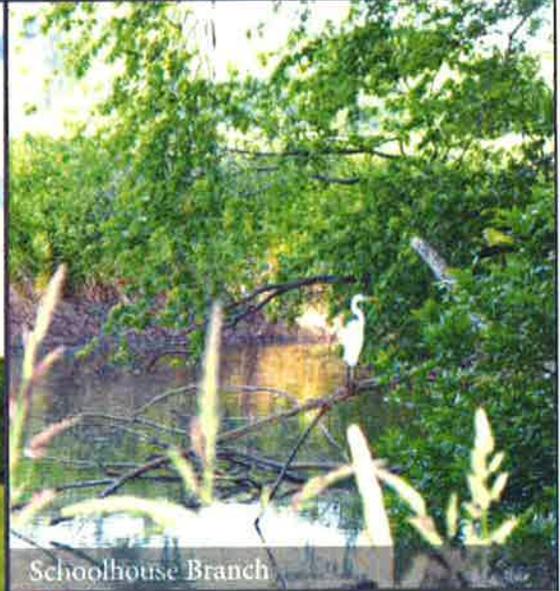
- **CROPLAND FLOODING:** Six percent (6%) of all survey respondents own cropland that has flooded. Two-thirds of these respondents said that the cropland had flooded 6-10 times in the last 10 years.
- **VALUING WATER MANAGEMENT:** Respondents to the survey place high value on clean drinking water, prevention of flood damage, water-based recreation, and healthy ecosystems (in that order).
- **FLOODING “HOTSPOTS”:** Three (3) HUC14 subwatersheds, 07140204050401, 07140204050304, and 07140204050101, were reported “hotspots” for flooding in the Upper Silver Creek Watershed. These hotspots were determined based on a simple ranking/prioritization tool that considers percentage of respondents reporting flooding, frequency of flooding, occurrences of neighbors’ flooding, and monetary loss due to flooding. However, these HUC14s also had a low number of respondents (6, 17, and 2, respectively).

# Cahokia Creek Watershed Plan

# Cahokia Creek Watershed Planning



Cahokia Canal



Schoolhouse Branch



Tower Lake



## Overview

Madison County, the U.S. Army Corps of Engineers, and HeartLands Conservancy are embarking on a watershed planning process for two watersheds that drain to Cahokia Creek. Watershed Planning is a way to strategically identify and address water quality and flooding issues, creating a long-term vision for the improvement of drainage.

Two watersheds are being assessed: Indian Creek-Cahokia Creek and Canteen Creek-Cahokia Creek. Water flows north to south, with some being diverted west through canals to the Mississippi River. The planning process will bring together technical analysis and public input to create a roadmap for healthier watersheds.

## Madison County Stormwater Plan

The Madison County Stormwater Plan is the framework for stormwater management in the county which guides regulations, identifies flood and water quality problems, establishes best management practices, and prioritizes work to be done. The Indian Creek-Cahokia Creek watershed and the Canteen Creek-Cahokia Creek watershed are two of ten watersheds in the county that will be assessed as part of the Stormwater Plan. Direction and approval for the Stormwater Plan comes from the Madison County Stormwater Commission, whose members include County Board members and municipal representatives.

## A Watershed Plan Includes:

### Watershed Resource Inventory

The watershed resource inventory essentially reviews the existing conditions in a watershed. The inventory will document Cahokia Creek and its tributaries including channelization, erosion, riparian area health, existing soil types, demographics, land use / land cover, geology, and climate. Existing pollutant loads of nitrogen, phosphorus, and sediment will be estimated from existing land uses.

### Public Engagement

Involving elected officials, community groups, the general public, and landowners in the process. Individual and small group meetings will take place during the fall of 2015. Open house events will take place in fall 2015. Follow-up meetings will occur as the planning process continues. In addition, in fall 2015, a Community Flood Survey will be mailed out to many residents and made available online, to identify the locations, causes, and impacts of flooding in the Cahokia Creek watersheds.

### Watershed-Based Plan

Based on the watershed resource inventory and input from the public, a plan will be developed for each watershed. The plans will identify potential best management practices for prevention, remediation, restoration, and maintenance to achieve water quality, natural resources, and flood control objectives.

Best management practices will be recommended based on the results of the inventory. Some potential examples include: streambank stabilization, conservation tillage, rain gardens, conservation reserve programs, and policy changes. The plan will identify approximate costs of recommendations, a potential schedule for implementation, and funding sources.



Project area for Cahokia Creek Watershed Planning. The planning area includes multiple communities in Madison and portions of Macoupin and St. Clair counties.



Cahokia Creek planning area in context of surrounding counties.

# Common Questions & Answers

## About Cahokia Creek Watershed Planning

### ***Why is Watershed Planning being done for Cahokia Creek?***

Poor or declining water quality has serious effects on communities, such as low-quality drinking water supplies, degraded wildlife habitat and ecosystems, and inability to fish or wade in creeks. Likewise, flooding causes tremendous economic burdens on communities by damaging homes, businesses, farm fields, roads, and bridges. Watershed planning is an opportunity to identify ways to improve water quality and reduce the impacts of flooding. The Cahokia Creek watersheds are two of the ten watersheds in Madison County and are important parts of the County's Stormwater Plan. By analyzing existing conditions and developing strategies to improve water quality and reduce flooding, the watershed plan will become a roadmap for communities, agencies, and landowners to work together to make strategic improvements. The plan will also identify potential sources of funding for these improvements and will help reduce long-term costs for homeowners, businesses, and taxpayers.

### ***Will the public be involved in the planning process?***

Yes! The public will be involved in a number of ways. First, there will be individual and small group stakeholder meetings during the fall of 2015. Stakeholders will include elected officials, community and civic groups, and landowners. There will also be public open house events in fall 2015 and a Community Flood Survey will be distributed by mail and online to assist in documenting areas of flooding and past damage to buildings and infrastructure. Later on in the planning process, there will be follow-up meetings with stakeholders and the public as draft watershed plans are developed. The input received from stakeholders, public open houses, and the survey will help shape plan recommendations.

### ***Will this study solve flooding problems in our communities and on our land?***

Solving all flooding problems will not happen overnight. Long-term strategies will be needed to reduce flooding impacts in the watersheds. This planning process will be an important step, especially with the mailed and online Community Flood Survey that will help identify areas of flooding that occur outside of designated floodplains. This data collection and watershed planning will be a key component of the Madison County Stormwater Plan.

### ***Who are the partners involved with the Watershed Planning?***

Multiple partners are already involved including Madison County, the U.S. Army Corps of Engineers, HeartLands Conservancy, and the Madison County Soil & Water Conservation District. We expect many additional partners will become involved over the course of the planning process.

### ***How are recommendations of a Watershed Plan implemented?***

Watershed planning is an opportunity for multiple partners (local leaders, stakeholders, agencies, landowners, etc.) to develop objectives and goals for the watershed. Input from partners will help shape plan recommendations such as best management practices, improvement projects, or updated policies. The watershed plan will identify sources of funding and partners that can assist in implementation. Furthermore, the plan will better enable the County and other partners to qualify for grant funding to accomplish implementation.

## **For More Information**

*For more information on Cahokia Creek Watershed Planning or to be added to the mailing list, please contact Janet Buchanan at HeartLands Conservancy, (618) 566-4451 ext. 25, or [janet.buchanan@heartlandsconservancy.org](mailto:janet.buchanan@heartlandsconservancy.org).*

# Schedule

## Cahokia Creek Watershed Planning

### Summer 2015

- Flood Survey begins. Responses collected via mail or online.
- Individual and small group meetings begin.



### Fall 2015

- October 30, 2015 Flood Survey closes. Please submit your responses prior to October 30th.
- Public open houses



### Winter 2015

- Community Engagement Summary Report published, which includes results of Flooding Survey, small group meetings, and open house events.



## Future Years

### 2016

- U.S. Army Corps of Engineers completes Cahokia - Indian Creek and Cahokia - Canteen Creek Watershed Resource Inventory.

### 2017

- Final Watershed-Based Plan.
- Begin implementation of plan recommendations.



# You are Invited!

## Cahokia Creek Watershed Planning Open House Events

### At the open houses you can:

- Learn more about watershed planning and its focus on water quality and flooding issues.
- Learn more about Best Management Practices that address those issues.
- Talk with project partners about next steps.

### Who Should Attend?

- Community Officials
- Land Owners
- Home Owners
- Business Owners
- Those Interested in the Cahokia Creek Watersheds

### OPEN HOUSE #1

**Tuesday October 20, 6-8pm**

**Moro Township Office**

7458 N State Route 159  
Moro, IL 62067

### OPEN HOUSE #2

**Wednesday October 21, 6-8pm**

**Metro East Park and Recreation District (MEPRD)**

104 United Dr  
Collinsville, IL 62234



**Cahokia Creek Watershed Planning**



Open house format with no formal presentation, so feel free to stop by any time between 6:00 - 8:00pm. Information will be the same at both meetings.

For more information, contact Janet Buchanan at [janet.buchanan@heartlandsconservancy.org](mailto:janet.buchanan@heartlandsconservancy.org)

or visit [www.HeartLandsConservancy.org/CahokiaCreek](http://www.HeartLandsConservancy.org/CahokiaCreek)

**HEARTLANDS CONSERVANCY**

**MADISON COUNTY**  
PLANNING & DEVELOPMENT  
PLAN | GROW | SUSTAIN

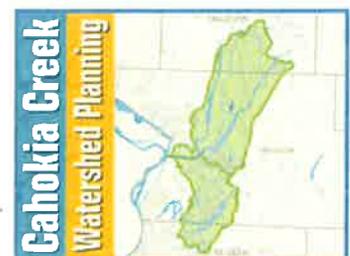


# COMMUNITY FLOOD SURVEY REPORT

## 2016



INDIAN CREEK -  
CAHOKIA CREEK WATERSHED  
MADISON COUNTY, ILLINOIS



# EXECUTIVE SUMMARY

This report summarizes the findings of the Community Flood Survey for the Indian Creek-Cahokia Creek watershed (HUC 0714010102), which was distributed to residents and business owners to gather information about the location, extent, impacts, and causes of flooding in the watershed.

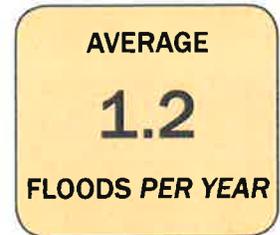
A total of 282 surveys were completed from within the study area out of 1,600 mailed out, giving a response rate of 18%. Some of these were collected via an online survey.

A watershed is an area that drains to a defined point. Watersheds are defined at a variety of scales for different purposes. The Indian Creek-Cahokia Creek watershed (Indian-Cahokia) is a 125,709-acre area that drains from a point on Cahokia Creek northwest of Staunton to the Cahokia Diversion Channel in Hartford.

Smaller subwatershed boundaries within the Indian-Cahokia watershed have not yet been delineated, so for this report, zip codes and Census block groups were used to group the survey responses. 68% of responses were from the Edwardsville zip code (62025).

## Key Findings

- **PREVALENCE:** over a fifth of respondents (21%) experienced flooding in the last 10 years.
- **FREQUENCY:** 9.6% of respondents with flooding experienced flooding at least once per year in the last 10 years. On average, respondents with flooding experience 1.2 floods per year.
- **EXTENT OF DAMAGE:** Of those who had been flooded in the last 10 years:
  - 24% said that the flooding had damaged their primary home or business;
  - 13% had damage to fences, auxiliary buildings, and other structures; and
  - 10% had damage to yards and landscaping.
- **NEIGHBORS:** About a quarter of all survey respondents (24%) were aware of flooding on one or more of their neighbors' properties. Of the survey respondents who had been flooded, 70% said that their neighbors had also been flooded.
- **TOP FOUR CAUSES OF FLOODING:**
  1. Heavy rainstorms
  2. Water draining from a neighboring property
  3. Lack of drainage facilities (swales, ditches, storm sewers, etc.) to drain water from this property
  4. Flooding from nearby river, stream, lake, ditch, or pond
- **REPORTING:** Over half of respondents who had flooding did not report it to anyone. Those that did report it were most likely to contact their city or village (18%) or their insurance company (15%).
- **EFFECTS FROM FLOODING:** Stress was the most commonly reported impact from flooding. Others included loss of access to property, including loss of access to major entry/exit routes to their homes; lost business income; crop damage; and repair and replacement costs of goods and structures.
- **MONETARY LOSS:** Thirty-two percent of respondents who experienced flooding said it caused them no monetary loss. Another 30% said their monetary loss over 10 years was less than \$5,000. 18% said that their loss was between \$5,000 and \$20,000. One respondent (2% of those who answered) said his/her losses were between \$100,000 and \$500,000.



Flooding over the last 10 years has cost the survey respondents an estimated total loss of at least \$160,031. The estimated average amount lost per respondent is \$11,210 over 10 years. It is estimated that about \$12,779,781 was lost in total due to flooding in the entire Indian-Cahokia Creek watershed over the last 10 years.

**\$12.8 Mill**

**LOST DUE TO  
FLOODS IN LAST  
10 YEARS**

- **RELATIONSHIP TO FLOODPLAINS:** Floodplains designated by the Federal Emergency Management Agency (FEMA) constitute close to 13% of the total acreage in the Indian-Cahokia Creek Watershed within Madison County, and 11% of the survey responses came from parcels wholly or partly within a FEMA-designated floodplain. However, 7.4% of survey respondents did not know that they lived on or owned property in a FEMA-designated floodplain.
- **FLOODING OUTSIDE OF THE FLOODPLAIN:** Flooding mostly occurs outside of floodplains in the watershed. Respondents reported that approximately 689 events per year occur outside of FEMA-designated floodplains in the watershed. Within floodplains, approximately 70 flood events per year were reported.
- **FLOOD INSURANCE:** Nine percent of respondents (26 responses) have flood insurance.
- **FLOOD INSURANCE CLAIMS:** Four percent (4%) of people who have flood insurance (1 respondent) made one or more claims in the last 10 years. Of those respondents who have flood insurance, 24 (8.5%) have it on structures that are not in a floodplain.
- **DOWNSPOUTS:** Eighty-six (86%) of respondents said their downspouts flow out onto their lawn or other ground surface. Five percent (5%) said their downspouts were connected to storm sewers, and 2% said their downspouts were connected to cisterns, rain barrels, or other rainwater harvesting storage.
- **ACTIONS TAKEN TO PREVENT FLOODING:** 89 respondents made one or more improvements to try to prevent or reduce flooding on their properties.
- **CROPLAND FLOODING:** One percent (1%) of all survey respondents own cropland that has flooded.
- **VALUING WATER MANAGEMENT:** Respondents to the survey place high value on clean drinking water, prevention of flood damage, healthy ecosystems, and water-based recreation (in that order).



EXHIBIT D.2

## Sediment and Erosion Control Field Day

# Erosion, Sediment and Storm Water Control Seminar

Mark your calendars to attend the FREE Erosion and Sediment Control Seminar on February 5th, 2016.

The field day will be held at the Southern Illinois University Edwardsville, Morris University Center, Edwardsville, IL. Parking is free in Lot B (<http://www.siu.edu/maps/>).

8:30am-9:00am	Registration and Refreshments
9:00am-10:00am	Green Solutions for Collection & Conveyance of Storm Water; A Kansas City Case Study; Brenda Macke, TREKK Design Group, PE, CFM
10:00am - 10:45am	Permeable Paving Systems for Sustainable Storm Water Quality; Bill Murphy, PE-ASP enterprises
10:45am-11:00am	Break
11:00am-12:00pm	Post Construction BMP's - View from the Field; Steve Polk - Stormwater STL Dr. Ann Werner - Department of Construction, SIU-E School of Engineering Brent Vaughn- Dept. of Civil Engineering, SIUE School of Engineering

**This event is worth 3 PDH's for Professional Engineers and 3 PDU's for CPESC's and CESSWI's. Please make your reservations online at <http://goo.gl/forms/2IH4x0I2T0>. If you are unable to register online, please contact Brent Vaughn at 618-650-3533.**

**The field day is sponsored by the Jersey, Madison, Monroe, and St. Clair County Soil and Water Conservation Districts. Special thanks to the following for their contributions and support of the field day: Southern Illinois University Edwardsville\* SCI Engineering, Inc.\* Madison County Planning and Development\* TREKK Design Group\***



SOUTHERN ILLINOIS UNIVERSITY  
EDWARDSVILLE



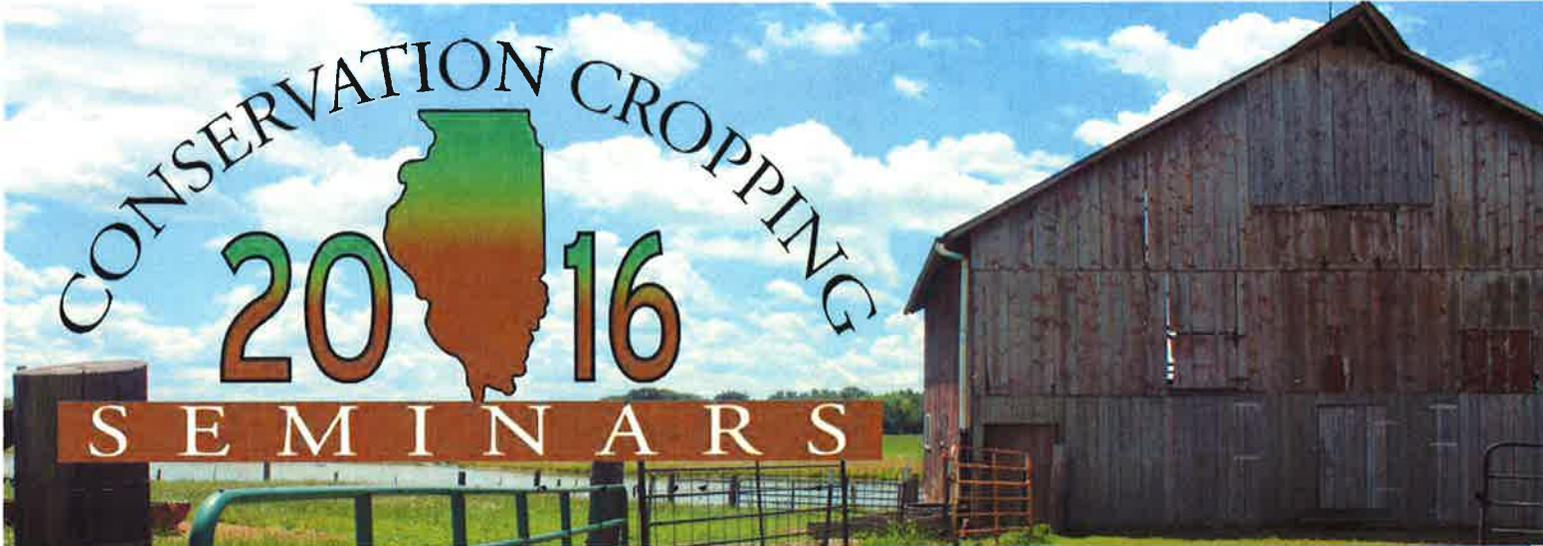
SCI ENGINEERING, INC.



**TREKK**  
DESIGN GROUP, LLC

EXHIBIT D.6/E.5-A

## Conservation Cropping Seminar



*Managing your inputs for healthy soils...*

- ✓ Cover Crops
- ✓ Soil Health
- ✓ 1-Day Seminars

This will be the third year conservation partners provide this opportunity to learn and share so get registered for the 2016 seminars while there's still time. The events are perfect for a local learning experience from farmers, experts, and others. Hear from people using and experiencing success firsthand.

Discussion topics include:

- Improvements for soil health
- Cover crops that work
- Nutrient management solutions

**REGISTER ONLINE** to reserve your spot at [www.ccsxcd.com](http://www.ccsxcd.com), \$20 registration fee payable by check or credit card.



**January 26, 2016**  
Champaign, IL

**January 27, 2016**  
Godfrey, IL

**January 28, 2016**  
Milan, IL

*Conservation Cropping Seminars  
Coordinated by:*

- Local Soil & Water Conservation Districts
- Illinois Department of Agriculture
- USDA, Natural Resources Conservation Service
- Illinois Stewardship Alliance
- American Farmland Trust
- Illinois Environmental Protection Agency
- Illinois Council of Best Management Practices

CONSERVATION CROPPING  
**2016**  
**SEMINARS**

*Managing your inputs for healthy soils...*

**1-DAY SEMINAR AGENDAS**

Select the location closest to you. For more information visit [ccswcd.com](http://ccswcd.com) and click on CCS logo or contact your local USDA Service Center.

**JANUARY 26th  
 CHAMPAIGN, IL**

- **Schedule:** Sessions/Speakers run 8:00 am – 12:10; Lunch 12:10 – 1:10; More Sessions/Speakers from 1:10 – 3:15; Meet-N-Greet 3:15 – 5 pm
- Welcome & Opening Remarks- Elliot Lagacy, Illinois Department of Agriculture
- “Soil Biology: Unraveling the Mysterious World Beneath Your Feet,” Dr. Jennifer Moore-Kucera , National Soil Health Division, USDA-NRCS
- “Soil Health: Nutrient Mgt is more than an Application Rate, Dr. Fabian Fernandez, University of Minnesota
- “Engaging Landowners,” Jen Filipiak, American Farmland Trust
- “Un-Manned Aerial Vehicles (UAVs),” Dennis Bowman, U of I Extension
- Water Quality & Tillage Discussion Panels
- “Nitrogen Issues in the Midwest,” Kevin Johnson, Champaign County Farmer
- “Cover Crop Farmer Panel Discussion with Joe Rothermel, Champaign County farmer & Dick Lyons, Montgomery County farmer
- “Protecting Your Farming Heritage,” Lauren Lurkins, IL Farm Bureau

**The i Hotel & Conference Center  
 1900 South First St., Champaign, IL  
 Contact: Elliot Lagacy (217) 353-6603**

**JANUARY 27th  
 GODFREY, IL**

- **Schedule:** Sessions/Speakers run 8 am – 12; Lunch 12 - 12:50; More Sessions/Speakers from 12:50 – 3:30; Meet-N-Greet 3:30 – 4 pm
- Welcome & Remarks – Dr. Dale Chapman, President, Lewis & Clark College
- “Beginning & Advanced Soil Health,” Dan Towery, Ag Conservation Solutions & Hans Kok, IN Conservation Cropping Systems
- “Soil Biology: Unraveling the Mysterious World Beneath Your Feet,” Dr. Jennifer Moore-Kucera , National Soil Health Division, USDA-NRCS
- Conservation Cropping System Farmer Panel Discussion -- Andy Shireman, Dale Cornelius, Cliff Schuette & John Werries
- “First-Hand Experience with Cover Crops,” Andy Shireman & John Werries, Morgan Co. farmers
- Cover Crop & No-Till Strategies, Mike Plummer, Agronomist, Cover Crop Specialist
- Illinois Conservation Cropping System Partnership

**Lewis & Clark Community College  
 The Commons - 5800 Godfrey Rd.  
 Contact: Gary Albers (618) 476-7230**

**JANUARY 28th  
 MILAN, IL**

- **Schedule:** Sessions/Speakers run 8 am – 12; Lunch 12 - 1; More Sessions/Speakers from 1 – 3:30; Meet-N-Greet 3:30 – 4 pm
- Welcome & Remarks – Marty McManus, Illinois Department of Agriculture
- “Landscape Vision for Pollinators,” Kraig McPeck, US Fish & Wildlife Service
- “Soil Biology: Unraveling the Mysterious World Beneath Your Feet,” Dr. Jennifer Moore-Kucera , National Soil Health Division, USDA-NRCS
- “Cover Crop Establishment, Management & Varieties,” Mike Plummer, Agronomist, Cover Crop Specialist
- “Transitioning to Cover Crops in a No-Till System,” Chad Bell, Mercer County Producer
- “Profit Building Agronomic Tips,” Marion Calmer, Calmer Agronomic Research Center
- “Comparing Nitrogen Sources & Timing,” Jerry Snodgrass, Henry County Farmer
- “Growing Cereal Rye, Keith Kindelsperger, Mercer County Producer
- “Utilizing Your Nitrogen Needs,” John Witter, Private Agronomist
- “Protecting Your Farming Heritage,” – Lauren Lurkins, IL Farm Bureau

**The Camden Centre  
 2701 1st St. East, Milan, IL  
 Contact: Marty McManus (309) 738-7227**



Register online to reserve your spot at [www.ccswcd.com](http://www.ccswcd.com), payable by check or credit card.

*USDA is an equal opportunity provider, employer, and lender.*

## Cover Crop Workshop

# Cover Crop Seminar and Field Day

**Join us** at the Cover Crop Seminar and Field Day to learn more about the benefits of using cover crops and no-till application for soil health. Presentations for the day include:

- Woody Woodruff, Farmer and Illinois Stewardship Alliance, will be discussing cropland restoration
- Mike Plumer, Farmer and Cover Crop Advisor, will discuss how to establish and manage cover crops.
- Dick Lyons, Farmer and Illinois Council on Best Management Practices, will present ways to incorporate cover crops and no-till into your cropping system.
- Observe and evaluate 11 cover crop species with Jon Bryan, M&M Services and also observe Mark Grinter and Dale Grapperhaus Fields.

Get a hands-on look at various cover crop applications and their benefits within your community!



## Details

**Date: November 13, 2015**

**Time: 8:30-12:30**

**Where: Marine Lions Club  
and Marine FS Facility, E.  
Division St, Marine, IL**

***FREE* Lunch provided by the  
Illinois Council on Best  
Management Practices**



## CESSWI Review & Exam



## Independent Contractor Agreement

Between

EnviroCert International, Inc.

and

Program Hosts

This is an Agreement between EnviroCert International, Inc. (hereinafter referred to as "EnviroCert" or "ECI") and approved Program Host: (hereinafter Host).

Pursuant to agreement Host is to organize and provide a venue for EnviroCert reviews and examinations (collectively or individually termed "Events"). This Agreement contains the mutual rights and responsibilities of EnviroCert and Host and their relationship to each other. This Agreement covers certification programs administered by ECI, and may apply to one or all certifications.

**1. Description.** The Host shall organize and provide a venue for an EnviroCert review/examination session to be held:

### TRAINING SESSION

**Date:** August 27, 2015

**Start Time:** 8:00 AM

**Venue:** Madison Co. Administration Building, 157 North Main Street

**Proposed Session Fee:** \$100/Local Govt., \$300/Priv

**Min. No. of Attendees:** 10

**City/State:** Edwardsville, IL. 62025

**Contact Name and Info:** Rick Macho 618-656-7300 ext. 111 and Steve Brendel 618-296-4665

**Proposed Approved Trainer:** Allen Oertel

All Trainers are required to be in adherence with ECI Policy PS 6002.01-15. The Host should reference ECI website for a copy of this policy.



**EXAM SESSION**

**Date:** August 28, 2015

**Start Time:** 8:00 AM

**Venue:** Madison Co. Administration Building, 157 North Main Street

**Proposed Session Fee:** Local Govt.-All Inclusive, Pr

**Min. No. of Attendees:** 10

**City:** Edwardsville, IL 62025

**Contact Name and Info:** Rick Macho 618-656-7300 ext. 111 and Steve Brendel 618-296-4665

**Proposed Approved Proctor:** To be assigned by ECI

All Proctors are required to be in adherence with ECI Policy PS 6001.01-15. The Host should reference ECI website for a copy of this policy.

**2. Registration.** All registration for all events will be coordinated and arranged exclusively thru ECI Program Department, unless otherwise approved by ECI in accordance with ECI Policy PS6001.01-16 and PS6002.01-15.

ECI will charge a registration fee of \$50.00 per registrant unless otherwise agreed upon. SDB  
Initials

ECI will charge \$100.00 per registrant for Exam Fees unless otherwise agreed upon. SDB  
Initials

**3. Compensation:** Upon completion of the aforementioned training/examination session, the Host shall be eligible for compensation as agreed to below under Section 4.0., *Payment Provisions*. This compensation shall be paid directly to the Host by EnviroCert within 30 days of receipt of an invoice. The Host shall submit an invoice to ECI at the conclusion of this service along with a completed W9.

**4. Payment Provisions:** ECI agrees to compensate Host upon completion of services all remaining fees and expenses.

Payment shall be an itemized breakdown based on the following unless paid directly by the Host:

**Training Session**

Trainer Fees and Expenses:	\$ 0
Session Registration Fees:	\$ 0
Room Rental Training Session:	\$ 0
AV Equipment:	\$ 0

SDB  
Initials

**Exam Session**

Exam Room Rental:	\$ 0
Test Fees:	\$ 0
Proctor Fees:	\$ 0

**SDB**  
\_\_\_\_\_  
Initials

ECI will collect all fees as part of registration for Training Sessions (and Proctoring, if part of the Event). Based on the fees stated herein, ECI will deduct all ECI fees and expenses, and tender the remaining balance under the terms of Section 3.0.

ECI reserves the right to cancel any Session if the minimum number of attendees is not reached. Under no circumstances does ECI agree to incur any additional expenses not outlined in this Agreement. The Host shall be solely responsible for any additional fees incurred not outlined or agreed upon herein.

**5. Liability.** The Host agrees to hold ECI harmless of any loss, claim, damage or liability of any kind involving an employee, officer or agent of the Host arising out of or in connection with this Agreement.

The Host agrees to indemnify and hold ECI and its officers, directors, or employees harmless from any damages, claims, or actions brought by anyone against ECI for bodily injury or property damage, including attorney fees incurred by EnviroCert in defending any such damages, claims, or actions to the extent caused by the negligence or willful misconduct of the Host in the performance of their obligations under this Agreement

**6. Cancellation.** Either party may cancel this Agreement without obligation to the other, if cancellation notice is received in writing on or before ten (10) calendar days before the Event due to low registration.

Either party may cancel after 10 days due to illness, accident or other causes known as Acts of God. Under these circumstances, the Host shall be responsible for cost associated with, and reimbursement of the room rental, equipment rental, and any associated Proctor fees. ECI will be responsible for providing registrants/attendees with a reimbursement or alternate session.

In all cases above, it will be the responsibility of the ECI to advise those already registered for the Event of the cancelation and to provide appropriate refunds.

**7. Exams.** It is the policy of ECI that all applicants shall first be approved before sitting for an exam. It is the responsibility of the applicant to register with ECI and pay all appropriate fees before the exam is taken. ECI can confirm the individual's acceptance with the Host, upon request.

All exams will be shipped to the Proctor with an approved list of examinees. Unless expressly approved by ECI, no exams may be administered to an examinee.

**8. Failure of Sponsorship.** Failure of sponsorship or failure of the Host to fulfill obligations described in this Agreement may result in the cancellation of ECI approval of Host for the current and future events.

**9. Miscellaneous.** When the Host has executed this agreement, a signed copy shall be sent to ECI as a record of intent to provide these services. ECI will post the exam date, location, etc. on the ECI web page calendar and will make a registration form available.

**10. Independent Contractor.** The Host enters into the Agreement as, and shall continue to be, an independent contractor, and Host shall not, at any time, be deemed to be ECI's employee, partner or joint venture. Neither party has any authority to bind the other party to any third party or otherwise to act as the agent or representative of such other party.

**10. Governing Law.** This Agreement shall be governed by and construed in accordance with the laws of the State of California, without reference to its principles of conflicts of laws.

**11. Entire Agreement.** This Agreement represents the entire understanding of the parties with respect to the subject matter hereof, and supersedes any other prior or contemporaneous agreements or understandings, whether written or oral.

This Agreement may only be changed by written mutual agreement of authorized representatives of the parties. If any provision of the Agreement is found by a proper authority to be unenforceable or invalid, such unenforceability or invalidity shall not affect the other provisions of this Agreement and this Agreement shall be construed as if such unenforceable or invalid provision had never been contained herein.

**12. Miscellaneous.** Neither party shall assign or transfer any rights or obligations under this Agreement without the prior written consent of the other party. This Agreement may not be amended or any provision hereof waived in whole or in part except by a writing signed by both parties hereto.

All notices or reports permitted or required under this Agreement shall be in writing and shall be by personal delivery, nationally recognized overnight courier service, email, facsimile transmission, or by certified or registered mail, return receipt requested, and shall be deemed given upon the earlier of actual receipt or one (1) day after deposit with the courier service, five (5) days after deposit in the mail, or receipt by sender of confirmation of electronic transmission. Notices shall be sent to the addresses set forth in this Agreement or such other address as a party may specify in writing.



**IN WITNESS WHEREOF**, the parties hereto have caused this Agreement to be executed as of the date last written below.

**Host Organization:**

*Steven D. Brendel*  
\_\_\_\_\_  
Host (Signature)

Steven D. Brendel  
\_\_\_\_\_  
Host (Printed)

6/29/15  
\_\_\_\_\_  
Date

**EnviroCert International, Inc.**

\_\_\_\_\_  
Host (Signature)

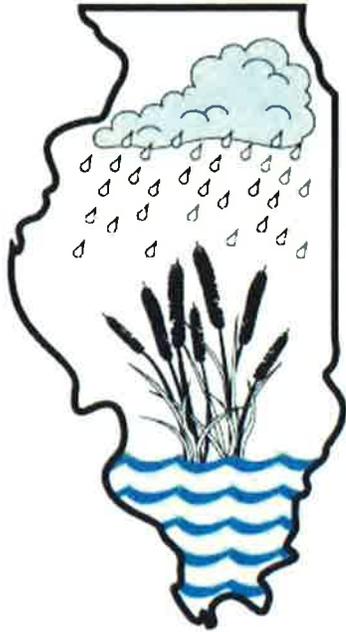
\_\_\_\_\_  
Host (Printed)

\_\_\_\_\_  
Date

**Notes**

EXHIBIT F.1

## IAFSM 2016 Annual Conference



# IAFSM

*Illinois Association for  
Floodplain and Stormwater Management*

## **2016 Annual Conference**

### ***"Partners in Planning"***

**Wednesday & Thursday  
March 9 & 10, 2016**

**Tinley Park Convention Center-  
Holiday Inn Tinley Park  
Tinley Park, Illinois**

**Questions: Sarah Harbaugh  
IAFSM Executive Secretary  
<mailto:iafsm@illinoisfloods.org>  
or 630/443-8145  
[www.IllinoisFloods.org](http://www.IllinoisFloods.org)**

## LOCATION AND LODGING

**Location:** The conference is at the Tinley Park Convention Center - Holiday Inn Tinley Park, 18451 Convention Center Drive, Tinley Park, IL 60477, [www.holidayinn.com](http://www.holidayinn.com).

**Lodging:** A special conference rate of \$129 plus tax, single or double, per night, has been established at the Holiday Inn. A **limited** number of rooms are available at the prevailing state government rate with proper government identification. Please call the Holiday Inn directly to reserve the state government rate. Reserve your room by calling the Holiday Inn front desk at (708) 444-1100 and tell them you are with the Illinois Association for Floodplain and Stormwater Management conference or follow this link: <http://tinyurl.com/p2trhdo>. *The hotel's reservation deadline for this rate is February 16th.*

## REGISTRATION

**Registration:** Registration covers lunches, breaks, materials and your 2016-2017 IAFSM membership. **Discount on or before February 1, 2016 (\$410).** If you register after February 1st the cost for the conference is \$470. The deadline for registrations and cancellations is February 21, 2016. No refunds after February 21, 2016. *In past years we had to turn away late registrants. Register early to make sure you don't miss out.*

Please follow the link below to register on-line.

<https://www.123signup.com/register?id=pmvpy>

## EXHIBITORS & SPONSORS

**Exhibitors:** Companies and organizations will exhibit their products, services, and activities all day Wednesday and through the Wednesday evening social hour. Exhibitor cards can be completed by participants. Thursday during lunch there will be a drawing of returned completed cards to select door prize winners.

**Sponsors:** We invite you to be a sponsor for the annual conference or donate a door prize. All sponsors will be identified in the conference program, at plenary sessions and during the awards luncheon along with newsletter advertising benefits. For a complete listing of Sponsor benefits please contact Sarah at [IAFSM@illinoisfloods.org](mailto:IAFSM@illinoisfloods.org).

	On or before February 1	After February 1, before Feb 12
Exhibitor Fee	<b>\$750</b>	<b>\$850</b>
Registration Fee	<b>\$410</b>	<b>\$470</b>
Full Time Student Registration Fee ( <b>2 day conference</b> ) Please contact Sarah Harbaugh at <a href="mailto:iafsm@illinoisfloods.org">iafsm@illinoisfloods.org</a> to arrange for this special rate)	<b>\$165</b>	<b>\$165</b>
Full Time Student Registration Fee ( <b>half day sessions - no meals</b> ) Please contact Sarah Harbaugh at <a href="mailto:iafsm@illinoisfloods.org">iafsm@illinoisfloods.org</a> to arrange for this special rate)	<b>Free</b>	<b>Free</b>

## CFM EXAMINATION

The Certified Floodplain Manager exam will be conducted at the Tinley Park Convention Center on Tuesday, March 8, 2016 from 5:00 – 8:00 PM. If you want to take the Floodplain Manager Certification Exam on March 8, 2016 the **ASFPM** must receive the CFM application packet and fee by February 25th. The application packet is available on our website, [www.IllinoisFloods.org](http://www.IllinoisFloods.org).

## **COMMUNITY RATING SYSTEM (CRS)**

**CRS:** The Community Rating System Committee is working to increase Illinois participation. ISO (Insurance Service Office) staff will be available to meet individually with those interested in the CRS or who have questions on Activities in the new CRS Coordinators Manual, starting on Wednesday at 10:30 a.m. and continuing through the remainder of the conference. If you would like to schedule an appointment for a One-on-One Session with Lou Ann Patellaro during the conference, please send an email to: [lpatellaro@iso.com](mailto:lpatellaro@iso.com)

## **CEC's & PDH's**

### **Certified Floodplain Managers – CECs:**

10 Continuing Education Credits are provided toward the requirements for Certified Floodplain Managers for attending both days of the conference. Attendance is reported directly to the CFM Database.

**Professional Engineering - PDHs:** Full conference attendance provides 12 Professional Development Hours. Certificates can be picked up at the end of the conference.

Credit hours are subject to final program adjustment.

## **IAFSM Apparel**

We will be offering an on-line IAFSM apparel ordering site. You will be able to order from a variety of options and pay for your apparel on line. Your order will be available for pick up at the registration desk at the conference. An eblast will go out with the website information in a week or two. We will also post the link on the website. Please keep an eye out for it. The deadline for ordering will be February 14th.