

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 _____

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 2016-2017 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 2016-March 2017:

- 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.
- 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 continuing education opportunities for Co-Permittee members.
- 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, 2016 To March, 2017

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))

Roberto J. Hancock
Owner Signature:

ROB HANCOCK
Printed Name:

5/26/17
Date:

PUBLIC WORKS DIRECTOR
Title:

EMAIL COMPLETED FORM TO: 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

IL 532 2585
WPC 691 Rev 6/10
This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

COMMUNITY NAME: City of Troy

PERMIT #: ILR400461

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2016 through March 2017

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.1- Distributed Paper Materials- Informational Brochures							
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 2016-2021 permit cycle.
BMP No. A.4- Community Event- attend and participate in water-quality oriented public events							
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 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 2016-2021 permit cycle.
BMP No. A.5- Classroom Education Material							
Milestone For Reporting Year: No specific milestone.							
		X		Review of Classroom Educational Materials (See Page 10)	X	The following schools are with 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 2016-2021 permit cycle.

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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.	
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 2016-2017 permit year. Meetings were held: - June 6, 2016 - September 14, 2016 - December 14, 2016 - March 15, 2017 The City attended the Septmber, December, and March 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 2016-2021 permit cycle.
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, Tire Collection, and Christmas Tree Recycling. The City provided 1 drop-off location for 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 2016-2021 permit cycle.

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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 2016-2021 permit cycle.
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.	
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 is 100% complete with their inlet stenciling. 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 2016-2021 permit cycle.

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Comment	YES	NO		YES	NO	Activity	Schedule
BMP No. C.7- Visual Dry Weather Screening- Illicit Discharge Detection							
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 at the December 2016 quarterly meeting. The City attended the meeting.		X	Continue to conduct inspections of City facilities and outfall points.	Ongoing through 2016-2021 permit cycle.
BMPs No. D.1 and E.2 and D.4 and E.3 and E.4- Site Plan and Pre-Construction Review Procedures							
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.	
BMP No. D.2- Erosion and Sediment Control BMP's							
Milestone for Reporting Year: Include BMP training in one quarterly meeting							
		X	Operations training was provided during the March 15, 2017 quarterly meeting. The City attended the meeting.		X	Continue to attend training as part of Co-permittee group.	Ongoing through 2016-2021 permit cycle.
BMP No. D.5- Stormwater Hotline							
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 2016-2021 permit cycle.

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Comment	YES	NO		YES	NO	Activity	Schedule	
BMPs No. D.6 and E.5- Training for Construction Site Inspectors								
<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 1 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.			X	The Co-Permittee group will continue to explore opportunities for additional training seminars.	Ongoing through 2016-2021 permit cycle.
BMP No. F.1- Employee Training Program								
<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 2 representatives to two of the quarterly meetings. The Madison County Health Department held Larvicide Application Training for municipalities and townships on April 19, 2016 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 2016-2021 permit cycle.
BMP No. F.3- Other Municipal Operations Controls- Standard Operating Procedures								
<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 2016-2021 permit cycle.

ADDITIONAL INFORMATION

BMP A.4	Water Quality Oriented Public Events - Water Festival See attached Exhibit A.4-A.
BMP A.4	Water Quality Oriented Public Events - Earthtones Festival See attached Exhibit A.4-B.
BMP A.4	Water Quality Oriented Public Events - Earth Day Festival See attached Exhibit A.4-C.
BMP A.4	Water Quality Oriented Public Events - Grow Native Event See attached Exhibit A.4-D.
BMP A.6	<p>Classroom Educational Materials - Madison County Soil and Water District</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>
BMP A.6	<p>Classroom Educational Materials - Madison County Green Schools Program</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>
BMP B.6/F.1	<p>Stakeholder Meetings - Co-Permittee Group Training Opportunities</p> <p>The Madison County MS4 Co-Permittee Group held four quarterly training meetings during the 2016-2017 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 2016. See attached Exhibit B.6/F.1-B.</p>
BMP B.7	<p>Community Events</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 April and October 2016. See attached Exhibit B.7-A.</p>

COMMUNITY NAME: City of Troy

PERMIT #: ILR400461

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2016 through March 2017

ADDITIONAL INFORMATION

BMP B.7	Community Events Madison County managed a Christmas tree recycling program in conjunction with 10 townships and 9 municipalities. 980 trees were collected. The trees were chipped for mulch and used by public works departments for parks or in ponds for fish bedding. See attached Exhibit B.7-B for additional details.
BMP B.7	Other Public Involvement 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-C and B.7-D for more details.
BMP F.1	Employee Training Program Madison County attended the 2017 Illinois Association for Floodplain and Stormwater Management Annual Conference on March 8th and 9th, 2017. See attached Exhibit F.1.

ADDITIONAL COMMUNITY ACTIVITIES

Community Name: **City of Troy**

Permit #: **ILR400461**

List any additional community-sponsored activities performed between March 2016 and March 2017 not listed in *Notice of Intent (NOI)* submittal, but which addresses one of the six minimum control measures:

- A 40-yard dumpster was kept at the Madison County Highway Garage. It was emptied 4 times during the permit year, with a total collection of 27.72 tons.
- Madison County facilitated year-round recycling drop-off at 7 locations within the County. Approximately 531 tons of recycling was processed during the permit year.
- Madison County managed a Christmas tree recycling program in conjunction with 10 townships and 9 municipalities. 980 trees were collected. 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 Madison County Sheriff's 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 April and October 2016.
- Madison County managed a tire recycling program in conjunction with 18 municipalities and 21 townships on August 23rd and 24th, 2016. 15,600 tires were collected.
- The City provided recycling pickup to residents every other week.
- The City cleaned ditches along Formosa Rd, N. Kimberlin St. and Creekside Dr. Approximately 530 ft was cleaned of dirt, rocks, and leaves.
- The City cleaned 104 miles of roadway, collecting approximately 168 cubic yards, and disposing of the material in a landfill.
- The City cleaned 6 catch basins during the permit year at the following locations: Orchard Ct, Woodthrust, and Sarah St.
- The City maintains a 40-cubic yard dumpster at 416 East Center which was emptied 4 times during the permit year.
- A secure deposit box was kept at the City Hall lobby for pharmaceutical collection, where approximately 1,350 pounds was collected and destroyed.

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

Permit #	Project	Status
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2016 Lewis & Clark's 14th 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.

Both a digital color (*.jpg) and black (*.eps) logo file will need to be received by **August 15th, 2016 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.

To sponsor the 2016 14th 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):

Organization Address: _____

Please select sponsorship amount/tier: Raindrop Tier (\$250-\$749)
 Pond 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): _____

*Thank you in advance for your generous sponsorship of
the 14th 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**



**LEWIS & CLARK
COMMUNITY COLLEGE**



**Think Green.
Live Green.**

www.lc.edu/green

2016 10th Annual Mississippi Earthtones
Festival



Dear Friend of the Mississippi,

Alton Main Street and the Sierra Club are seeking sponsors, exhibitors and vendors for the **10th Annual Mississippi Earthtones Festival to be held on Saturday, September 17th, 2016** on Broadway, between Alton and Henry Streets. Our goal is to bring the community to Downtown Alton to celebrate Illinois watersheds through education, recreation and conservation. At this free & family-friendly event, we will have hands-on informational booths, live music, art displays, nature crafts, great food, and a river litter clean-up.

The MEF is our area's premier showcase for nature & conservation based groups and eco-friendly businesses, so don't miss this great opportunity to share information about your services and products with the public. We are also putting the spotlight on local sustainable artists at this environmentally themed event! We will be advertising and generating coverage through regional media, so we expect thousands of people to attend this 10th annual event from Noon-10pm.

Levels	Sponsorship Benefits / Booth Details
Watershed Sponsor \$1000	<ul style="list-style-type: none"> • Specific mentions in Advantage News & Telegraph ads plus on WBGZ Radio • First-tier placement of your company logo on festival t-shirts • First-tier visibility of company logo on posters, event program, on-site donor board and space for self- provided stage banners • Mentioned on stage 5 times, including before the headlining entertainment • 10' x 10' booth space, if desired
Mississippi River \$500	<ul style="list-style-type: none"> • Specific mentions in AdVantage News & Telegraph ads plus on WBGZ Radio • Second-tier placement on company logo on festival t-shirts • Second-tier visibility of company logo on posters, event program, on-site donor board and space for self- provided stage banners • Mentioned on stage 3 times, including before the headlining entertainment • 10' x 10' booth space, if desired
Illinois River \$300	<ul style="list-style-type: none"> • Third-tier visibility of company logo on posters, event program, and donor board • Mentioned on stage before the headlining entertainment • 10' x 10' booth space, if desired
Piasa Island \$100	<ul style="list-style-type: none"> • Fourth-tier visibility on event program and donor board. • 10' x 10' booth space, if desired
For-profit business \$50	<ul style="list-style-type: none"> • 10' x 10' booth space to sell or display nature related or sustainable items
Non-profit/educational \$25	<ul style="list-style-type: none"> • 10' x 10' booth space • You are required to provide an educational activity • You are allowed to sell nature-related items for fundraising purposes
Downtown Business Free!	<ul style="list-style-type: none"> • 10' x 10' booth space to promote, sell or display nature related or eco-friendly items. *Please note: Shopping locally definitely counts as being more sustainable than purchasing from a big-box store! We understand that your specific business might not fall into the "eco-friendly" category, so please give us a call and we'll help you get creative on your messaging or activity!

Thank you very much for your consideration & support of this beloved community event!

For more info, please contact:

Sara McGibany – Executive Director, Alton Main Street
(sara@altonmainstreet.org or 618-463-1016)

Christine Favilla – Three Rivers Project Coordinator, Sierra Club – Piasa Palisades Group
(christine.favilla@sierraclub.org or 618-401-7870)

Registration Form ~ Mississippi Earthtones Festival 2016

Event date: 9/17/16 - Deadline for entries: 09/1/16

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

Alton Main Street (Attn: MEF 2016)

219 Piasa St. Suite 2B

Alton, IL 62002

Business Name: _____ Contact Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

Website/Facebook page _____

Booth description: _____

Kids' activity description for passport (if applicable): _____

****Please submit a photo that represents your booth, activity or product via email to sara@altonmainstreet.org to be used for social media promotion!**

- 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"/> We are a non-profit that would require a scholarship in order to attend | |
| <input type="checkbox"/> Downtown Businesses - FREE! | |

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

We advertise that kids' activities are from 12-6pm and the art & music end at 10pm.

Set up is from 10am-11:30am; inspection of booths will occur between 11:30-Noon, courtesy of the Alton Fire Dept.

- Please mark your utility requirements:

- We require a regular outlet (\$10 surcharge) We require a 20 amp outlet (\$25 surcharge)
- We require a water source Other requests: _____

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

(We recommend making a copy of your completed form for future reference)



Alton Main Street engaging our community in the continued renewal of our historic downtown district and Mississippi River heritage by cultivating an attractive center of economic and social activity.



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 near Alton's Riverfront on the third Saturday of September since 2007. The goal of the event is to raise awareness of issues concerning our river and foster appreciation of life on the Mississippi 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 invaluable asset.

2016 5th Annual Riverbend Earth Day Festival



Saturday, April 16, 2016

Noon to 6 p.m.

Rain or Shine!

5th Annual Riverbend earth day Festival

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

* Local Entertainment

Treehouse Wildlife Center 12 - 12:50 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- *Old Bakery Beer Co, Shivers Frozen Custard and more!*

* Artisans market & environmental education

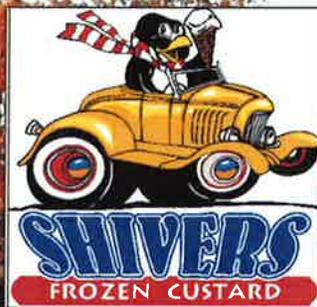
* Classes by River Bend Yoga- 12:30, 2, 3:30 & 5 p.m.

* Electronic recycling from 12 - 3 p.m.

* Organized hikes

* 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



MADISON COUNTY
PLANNING & DEVELOPMENT
PLAN | GROW | SUSTAIN

STATE REP. DAN BEISER



2016 Grow Native Event



Keeping Nature Near™

Native by Design: Purposeful Landscapes for Monarchs and Pollinators for your Yard or Land

Friday, March 10, 2017

7:30 a.m. to 12:30 p.m.

CEUs available for Landscape Architects and IL MGs/MNs

Presenters

Christopher Carl is an Artist and Landscape Designer. His most recent work, *New American Gardening*, is a collaboration with the Granite City Art and Design District (G-CADD), which is a consortium of indoor and outdoor creative spaces seeking to revitalize a distressed city block through art and ecology.

Dr. Ed Spevak is the Curator of Invertebrates at the Saint Louis Zoo. Dr. Spevak has dedicated the last 37 years of his career to the conservation of invertebrates and vertebrates, working in zoos and aquariums as a zoo curator and small population biologist.

Phil Cox is a forester for the Illinois Recreation Access Program. He is also a volunteer for his local Quail Forever chapter, establishes CRP plantings, and is an Illinois Certified Prescribed Burn Manager.

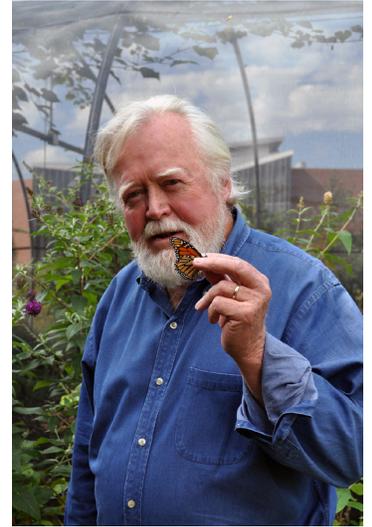
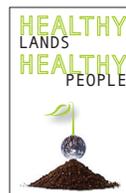
Mitch Leachman is the Executive Director of the St. Louis Audubon Society. Leachman plans and coordinates many chapter activities, including Bring Conservation Home, community stewardship projects, fundraising, communications and outreach.

Elisa Royce founded Healthy Lands Healthy People, a 501(c)(3) organization focused on creating connections between communities and the environment in hands-on sustainable ways including land acquisition, environmental education and natural resource engagement.

Agenda

- 7:30 a.m. Registration, Breakfast, Visit Exhibitors. The breakfast menu includes orange juice and coffee, assorted breakfast breads, sausage strata, yogurt, and fresh fruit salad.
- 8:15 a.m. Welcome and Introductions
- 8:30–9:30 a.m. Keynote: Chip Taylor – *Monarchs and Pollinators: The Need for Habitat Restoration*
- 9:40–10:00 a.m. Demonstration Project – Christopher Carl, Granite City G-CADD – *Grow Native! Dream Native! A Demonstration Garden Envisions a New Urban Ecology*
- 10:00–10:20 a.m. Break, Visit Exhibitors
- 10:20–11:15 a.m. Breakout Session #1:
 - Track 1 – Homeowners: Ed Spevak – *Native Pollinators: Who are they? Why should we care? How can we help?*
 - Track 2 – Rural Land Owners: Phil Cox – *Understanding cost-share programs for landowners from the Illinois Department of Natural Resources*
- 11:15–11:30 a.m. Break, Visit Exhibitors
- 11:30–12:30 p.m. Breakout Session #2:
 - Track 1 – Homeowners: Mitch Leachman – *Steps to Success for Your Wildlife Sanctuary*
 - Track 2 – Rural Land Owners: Elisa Royce – *Enrolling in Private Lands Programs–If I can get it figured out you probably can, too!*
- 12:30 p.m. Workshop Concludes

Presented by the Grow Native! Southwestern Illinois Event Committee:



Keynote Speaker – Chip Taylor, Founder and Director of Monarch Watch

Dr. Orley R. “Chip” Taylor is founder and director of Monarch Watch and is a professor in the Department of Ecology and Evolutionary Biology, University of Kansas, Lawrence, Kansas. Trained as an insect ecologist, Chip Taylor has published papers on species assemblages, hybridization, reproductive biology, population dynamics, plant demographics, and pollination. Starting in 1974, Chip Taylor established research sites and directed students studying Neotropical African honey bees (killer bees) in French Guiana, Venezuela, and Mexico. In 1992, Taylor founded Monarch Watch, an outreach program based at the University of Kansas that is focused on education, research, and conservation relative to monarch butterflies.



Native by Design: Purposeful Landscapes for Monarchs and Pollinators for your Yard or Land

Friday, March 10, 2017

7:30 a.m. - 12:30 p.m.

Lewis and Clark Community College, N.O. Nelson Campus, Leclaire Room
600 Troy Road, Edwardsville, IL 62025

This workshop is for home gardeners and other landscape enthusiasts, wildlife habitat professionals, landscape contractors, land care professionals, growers, garden centers, forest managers, arborists, landscape architects and designers, engineers, sustainability managers, green building professionals, Master Naturalists, and Master Gardeners.

Registration Form

Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

Breakout session you plan to attend (please choose one):

- Homeowners
- Rural Land Owners

Payment enclosed: \$ _____

Registration Fee includes workshop, breakfast buffet, and handouts.
\$35 per person, \$20 for students with a valid ID

To register, submit one registration form and payment for each attendee.

Make checks payable to **Missouri Prairie Foundation** and mail by

Tuesday, February 28 to:

Grow Native!
PO Box 200
Columbia, MO 65205

You may also register and pay by credit card at grownative.org.

During this workshop, participants will learn:

- best natives to plant to help sustain monarch butterfly populations
- how to enroll in Illinois Department of Natural Resources private lands programs to help create wildlife habitat
- about native pollinator diversity and how to create backyard pollinator havens that also support songbirds
- about a demonstration project in Granite City, IL to transform a vacant lot into a pollinator paradise

Special Presenting Sponsors:

Platinum Sponsor:



Contributing Sponsor:



Directions: The Nelson Center is just south of downtown Edwardsville at 600 Troy Rd. 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://bit.ly/2jcmz5P>

This workshop is organized by Grow Native!, a native plant marketing and education program serving the lower Midwest. Grow Native! is administratively housed by the nonprofit Missouri Prairie Foundation. For more information about this workshop, the Grow Native! program, or the Missouri Prairie Foundation, call 888-843-6739 or send a message to grownative@moprairie.org.

Madison County Green Schools Program

Green Schools – March 2016-March 2017

1. 1,800 pounds of tab tops recycled, representing that aluminum recycling is happening in students' homes.
2. 8,000 pounds of shoes collected for Shoeman Water Projects; proceeds go towards providing wells and water filtration devices in water-stressed areas.
3. 6,800 plastic markers recovered and sent to Crayola for reuse of the plastic.
4. 5,100 pounds of plastic bags recovered and sent to plastic lumber manufacturers, such as Trex
5. 815 cell phones and eyeglasses collected
6. 1,550 metal keys collected for cash redemption by Lion's Club, which uses proceeds to hearing and vision health programs for young children who demonstrate financial need
7. 19,000 Madison County students impacted in some form by the Green Schools Program and related activities
8. \$10,000 given out in Green Seed Grants for school gardens, water bottle refilling stations, and school composting and waste-reduction programs
9. Additionally, schools held used book exchanges, textile drives, continued school gardening programs, conducted used Christmas light drives, as well.

Madison County MS4 Co-Permittee Group
2016-2017 Quarterly Meeting Agendas

AGENDA

MS4 (Quarterly) Co-Permittee Group Meeting

Wednesday March 15, 2017 9:00 AM

Madison County EMA

101 E. Edwardsville Rd.

Wood River, IL. 62095

Introductions

Watershed Plans - Update

1. Silver Creek - 319 Grant
2. Cahokia-Indian-Canteen Creeks
3. American Bottoms – Flood Survey (April 2017)

Presentation

4. Outfall Mapping-IT
5. Storm Sewer Mapping
6. Outfall Monitoring, Sampling & Inspections
 - a. Monitoring & Sampling-Ben & Dom
 - b. Dry Weather Inspections for Illicit Discharges
7. Operations Training – Refresher

MS4 Audits Update

8. Madison County – 2/8/17
9. Upcoming Audits for 2017
 - a. Bethalto?
 - b. Collinsville?
 - c. Edwardsville?

Discussion

10. New FEMA Flood Risk Mapping-what's the latest (see letter from Congressman John Shimkus)
11. Annual report-new data collection forms for each co-permittee group member-Ben & Dominique
12. Required annual public meeting – Guidelines for MS4 Presentation

Down the Road

13. Larvicide Training Workshop – April 26th Manley Auditorium
14. Next Meeting: Wednesday June 14, 2017 at 9am
15. CESSWI

AGENDA

**MS4 Co-Permittee Group Meeting
Wednesday December 14, 2016 9:00 AM
Maryville Community Center
500 East Division Street
Maryville, IL. 62062**

Introductions

1. Eve Drueke – Green Schools Coordinator
2. Breana Lamb – Assistant Planner

Watershed Plans Update

3. Silver Creek - 319 Grant
4. Cahokia-Indian-Canteen Creeks – WRI, Open House Events (January 17th & 19th)
5. American Bottoms – Stakeholder Engagement & Open Houses, Flood Survey (2017)

MS4 Audits Update

6. City of Wood River – 9/29/16
7. Collinsville Township – 11/22/16
8. Upcoming Audits - 2017

CESSWI Update

Discussion

9. New FEMA Flood Risk Maps
 - a. Resiliency Meeting 12/7/16
 - b. Maps update
 - c. Addressing the issues
 - d. How we move forward

Presentation

10. Changes to General Permit
 - a. Monitoring, Sampling & Inspections
 - b. Procedure
11. Calendar for next Year's Meetings
12. Update of data reporting forms for each co-permittee member – hand out at March 2017 meeting.

AGENDA

**MS4 Co-Permittee Group Meeting
Wednesday June 8, 2016 9:00 AM
Marine Senior Citizens Center
101 N. Duncan St.
Marine, IL. 62061**

Introductions

1. Introductions

MS4 Audits Update

2. Recent MS4 Audits – Pin Oak Township – March 30th, Edwardsville Township - May 12th
3. Remaining Audits for 2016 – City of Alton & City of Wood River

Discussions

4. 2015-16 Annual Report - Complete
5. 2016-2021 NOI – Complete
6. Questions? Other Business?
7. Next Meeting – Wednesday September 14, 2016

Demonstration Overview

8. Hydro Seeding/Mulching Presentation– Ed Nelson, ASP Enterprises & Pat Holubetz, Profile
9. Site Demonstration – Mayer Road, Marine Township

AGENDA

**MS4 Co-Permittee Group Meeting
Wednesday September 14, 2016 9:00 AM
Madison County EMA
101 E. Edwardsville Rd.
Wood River, IL. 62095**

Introductions

1. Introductions

Watershed Plans Update

2. Silver Creek - 319 Grant
3. Cahokia-Indian-Canteen Creeks - WRI
4. American Bottoms – Stakeholder Engagement & Open Houses

MS4 Audits Update

5. City of Alton – August 15th.
6. City of Wood River - ?

Discussion

7. Changes to General Permit
 - a. Monitoring, Sampling & Inspections
 - b. Who, What, When & Where

Presentation

8. New FEMA Flood Risk Maps
 - a. Introduction to the process
 - b. Where we are currently
 - c. Issues identification
 - d. Addressing the issues
 - e. How we move forward
9. Next Meeting – Wednesday December 7, 2016

Madison County Health Department
2016 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 29, 2016

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 Tuesday, April 19, 2016 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.

Tuesday, April 19, 2016
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.

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.

2016 Prescription Drug Take Back

National Prescription Drug Take-Back Day

Saturday, April 30, 2016
10:00 a.m. — 2:00 p.m.

Drop off your unused or expired prescription or over-the-counter medications at the Spring 2016 Take-Back Day on Saturday, April 30, 2016.

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, and
the U.S. Drug Enforcement Administration

For more information, visit www.madco-sa.org.

Got **Drugs?**

Turn in your unused or expired
medication for safe disposal
Saturday, October 22nd,
10 a.m. – 2 p.m.

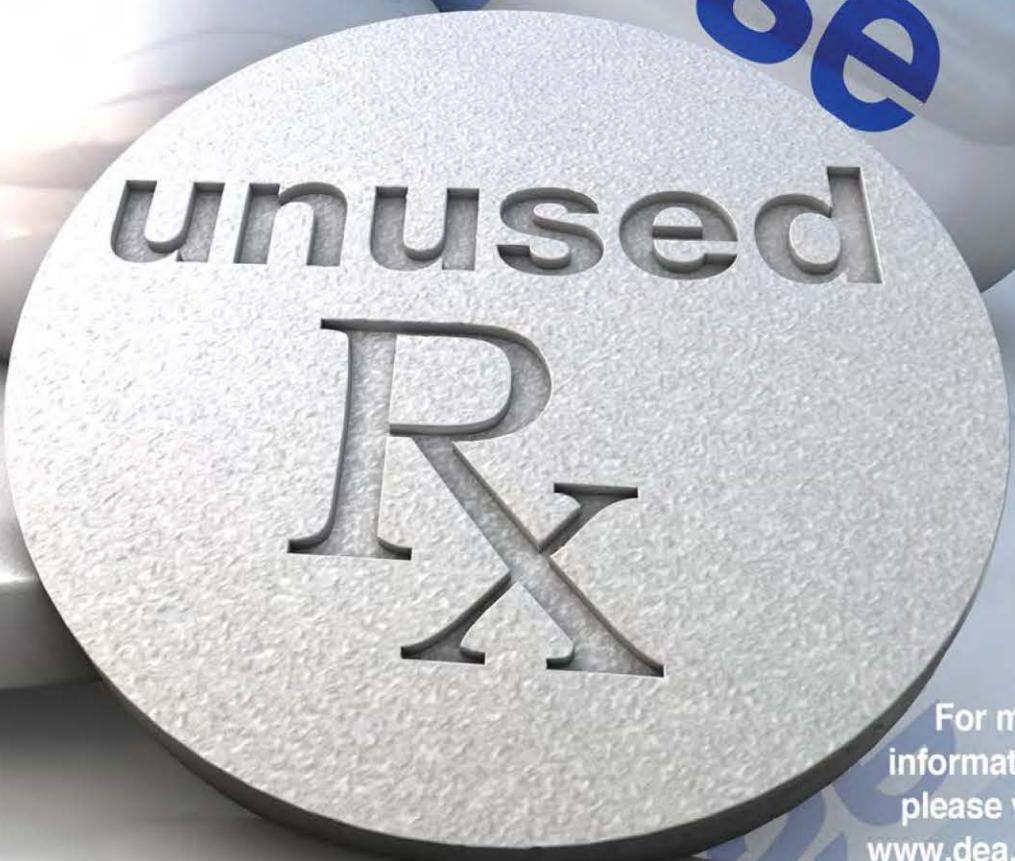
Visit www.dea.gov
or call 800-882-9539
for a collection
site near you



dispose



unused



Rx

For more
information,
please visit
www.dea.gov

2016-2017 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

American Bottom Watershed Plan

AMERICAN BOTTOM WATERSHED PLAN

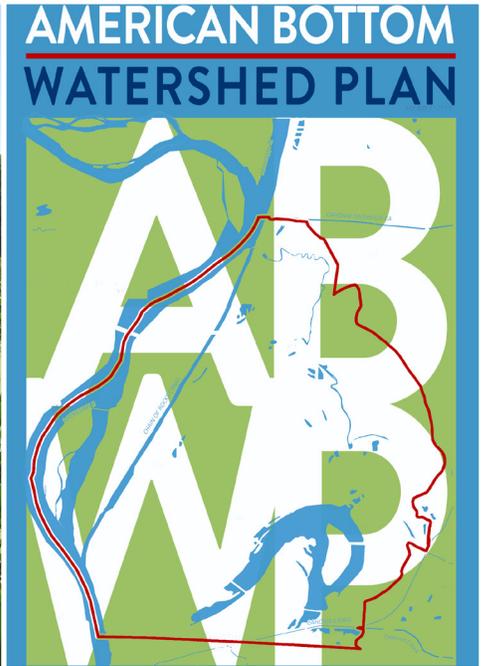


Photo: Bryan Werner

bryan werner



Photo: Bryan Werner



Overview

Madison County, the U.S. Army Corps of Engineers, and HeartLands Conservancy are embarking on a watershed planning process for the American Bottom watershed. Watershed planning is a way to identify water quality and flooding issues and create potential solutions. The planning process will use technical analysis along with public input to create a long-term vision for the improvement of water quality and drainage.

The American Bottom Watershed is an area in Madison County that is part of a larger watershed known as Judy's Branch-Mississippi River (the name given by the U.S. Geological Survey). In this area water generally flows east to west into the Mississippi River. The watershed includes parts of 16 municipalities, including Granite City, Pontoon Beach, Brooklyn, Madison, and Venice. Notable features in the watershed include Monks Mound (in the Cahokia Mounds complex), Chouteau Island, Horseshoe Lake, and Arlington Wetlands.

Madison County Stormwater Plan

The Madison County Stormwater Plan is the overall framework for stormwater management in the county. It guides regulations, identifies flood and water quality problems, establishes best management practices (potential solutions), and prioritizes work to be done. The American Bottom watershed is one of ten watersheds being assessed as part of the Stormwater Plan. Other watershed plans, completed or in progress, are for the Upper Silver Creek and Cahokia Creek watersheds. Direction and approval for the Stormwater Plan comes from the Madison County Stormwater Commission, whose members include County Board members and municipal representatives.



The following are components of the watershed planning process:

Watershed Resource Inventory

The Watershed Resource Inventory will document existing conditions in the American Bottom streams, including channelization, erosion, and riparian area condition. Information on soil types, demographics, land use/land cover, geology, and climate will also be collected. Existing levels of nitrogen, phosphorus, and sediment pollution will be estimated.

Public and Stakeholder Engagement

A key part of the Plan will be involving elected officials, community groups, residents, and landowners. Individual and small group stakeholder meetings will take place during the summer and fall of 2016. Open House events, open to the public, will take place in September 2016. As the plan comes together, follow-up meetings will be held. A Community Flood Survey will be mailed to many residents and made available online in 2017. The survey will help identify the locations, causes, and impacts of flooding in the watershed.

Watershed-Based Plan

Using the Watershed Resource Inventory and input from stakeholders and public engagement, the American Bottom Watershed Plan will be developed. The plan will identify solutions for flooding and water quality issues related to infrastructure and land use. These solutions are called best management practices (BMPs). Some potential examples include: streambank stabilization, conservation tillage on agricultural land, federal conservation programs, and policy changes. The Plan will identify the approximate costs of recommendations, a potential schedule for implementation, and funding sources.

Common Questions & Answers

About the American Bottom Watershed Plan

Why is a Watershed Plan being created for the American Bottom?

Creating a Watershed Plan for the American Bottom is an important component of Madison County's Stormwater Plan, which aims to address stormwater issues in the county's 10 watersheds. The Watershed Plan documents existing conditions and develops recommendations and strategies to improve water quality and reduce flooding. The Watershed Plan will become a roadmap for communities, agencies, and landowners for future improvements. It will also identify potential sources of funding for these improvements. Better water quality provides for cleaner community water supplies, increased opportunities for recreation, and healthy fish and wildlife habitat. Flooding has tremendous costs including damage to homes, business, and infrastructure (e.g. roadways). Strategies to reduce 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 and fall of 2016. Stakeholders will include elected officials, community and civic groups, and landowners. There will also be public Open House events in September 2016, which anyone can attend. In 2017, a Community Flood Survey will be sent by mail and available online to help document areas of flooding and identify flood damage to buildings and infrastructure. Additionally, as the Watershed Plan is developed, follow-up meetings will be held with stakeholders and the public. The input received from stakeholders, the Open Houses, and the survey will help shape the Plan's recommendations.

Will this Plan solve flooding problems in our communities and on our land?

Solving all flooding problems will not happen overnight. Long-term strategies are needed to reduce the impacts of flooding on the American Bottom watershed. Resident input is an important step in the planning process, especially the Community Flood Survey (mailed and available online in 2017) that will help identify areas of flooding. This data and the solutions developed from it will be key components of the Madison County Stormwater Plan.

Who are the partners involved with the Watershed Plan?

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

How are the 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 entire watershed. Input from partners will help shape Plan recommendations including improvement projects and updated policies. Then, the recommendations can be carried out by the people in the best position to do so – often the same people who helped develop the recommendations. The Watershed Plan will contain information on potential partners and sources of funding that can help with carrying out the recommendations.



Schedule for the American Bottom Watershed Plan

2016

- Stakeholder meetings
- Public Open Houses in September

2017

- U.S. Army Corps of Engineers conducts Watershed Resource Inventory
- Community Flood Surveys collected
- Flood Survey & Public Engagement Summary published
- Begin to identify Best Management Practices (BMPs)

2018

- Develop draft American Bottom Watershed Plan including; Goals & Objectives, Issues, BMPs, and Information & Outreach
- Meet with stakeholders and hold Open House events
- County approval of final American Bottom Watershed Plan

For More Information

For more information on the American Bottom Watershed Plan 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.

Visit the American Bottom Watershed Plan website: www.heartlandsconservancy.org/AmericanBottom

Cahokia Creek Watershed Plan

COMMUNITY FLOOD SURVEY REPORT

2016



INDIAN CREEK -
CAHOKIA CREEK WATERSHED
MADISON COUNTY, ILLINOIS

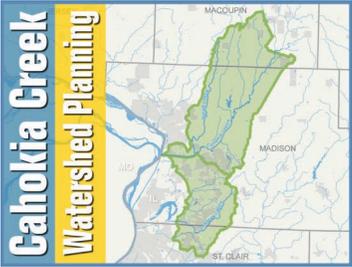


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EXECUTIVE SUMMARY

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.

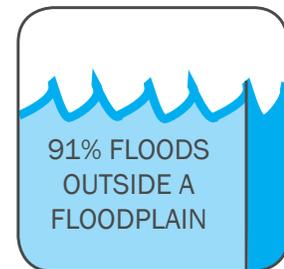


Flooding over the last 10 years has cost the survey respondents an estimated total loss of at least \$160,031. The estimated average amount lost per respondent is \$11,210 over 10 years. It is estimated that about \$12,779,781 was lost in total due to flooding in the entire Indian-Cahokia Creek watershed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



IAFSM 2017 Annual Conference



IAFSM

*Illinois Association for
Floodplain and Stormwater Management*

2017 Annual Conference

**Wednesday & Thursday
March 8 & 9, 2017**

Crowne Plaza Hotel
Springfield, Illinois

Questions: Sarah Harbaugh
IAFSM Executive Secretary
<mailto:iafsm@illinoisfloods.org>
or 630/443-8145
www.IllinoisFloods.org

LOCATION AND LODGING

Location: The conference is at the Crowne Plaza Hotel, 3000 South Dirksen Parkway, Springfield, Illinois,

Lodging: Lodging is available at the special conference rate of \$125. A limited number of rooms are available at the state government rate with government ID.

Although it is understood that the area around the conference hotel has a variety of hotels for you to choose from, the IAFSM has made a financial commitment to the Crowne Plaza Hotel as the conference venue. Please support IAFSM by making the **Crowne Plaza Hotel** your first choice for overnight stay, in order to help fill our block. (Group Code: D0Z, Corporate ID IATA# 99801505)

Space is limited, especially for the rooms at the state government rate. To reserve your room at the special conference rate of \$125, use the link below or call the hotel front desk at 217-529-7777 and note that your reservation is in association with the Illinois Association for Floodplain and Stormwater Management. To reserve your room at the state government rate while those rooms are available, do not use the link below; you will need to call and request to book at the state rate.

Use this link to book your stay at the special conference rate: <http://tinyurl.com/iafsm-2017>

REGISTRATION

Registration: Registration covers lunches, breaks, materials and your 2017-2018 IAFSM membership. **Discount on or before February 5, 2017 (\$410).** If you register after February 5th the cost for the conference is \$470. The deadline for registrations and cancellations is February 19, 2017. No refunds after February 19, 2017. *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=nmrds>

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.

	On or before February 5	After February 5, before Feb 19
Exhibitor Fee	\$750	\$850
Registration Fee	\$410	\$470
Full Time Student Registration Fee (2 day conference) Please contact Sarah Harbaugh at iafsm@illinoisfloods.org to arrange for this special rate)	\$165	\$165
Full Time Student Registration Fee (half day sessions - no meals) Please contact Sarah Harbaugh at iafsm@illinoisfloods.org to arrange for this special rate)	Free	Free

CFM EXAMINATION

The Certified Floodplain Manager exam will be conducted at the Crowne Plaza Hotel (Ruby Room 2nd floor) on Tuesday, March 7, 2017 from 5:00 – 8:00 PM. If you want to take the Floodplain Manager Certification Exam on March 7, 2017 the **ASFPM** must receive the CFM application packet and fee by February 21st. The application packet is available on our website, www.IllinoisFloods.org.

COMMUNITY RATING SYSTEM (CRS)

CRS: CRS one on one meetings will not be held this year. If you wish to be contacted please send an email to Lou Ann Patellaro: 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.

MOBILE APP

The CrowdCompass mobile app will be used again this year, providing smart content and increased engagement opportunities to enhance your conference experience.

Event URL: <https://crowd.cc/iafsm-2017> **App Download URL:** <https://crowd.cc/s/ntAo>



EXTREME EVENT WORKSHOP (Session 3A)

New for the 2017 Annual Conference! Koshland Science Museum of the National Academy of Sciences Extreme Event Workshop! The Extreme Event Game is a hands on role-playing game that gives participants a taste of what it takes to build community resilience in the face of disaster. Players work together to make decisions and solve problems during this engaging, fast-paced disaster simulation. Koshland staff (Keri and Nell) will facilitate an hour-long run-through of the entire Extreme Event: River City game allowing conference participants to get a feel for the game play. After the final phase of the game, which includes a debrief and discussion of key concepts, Keri and Nell will open the floor for discussion related to how the game can be used in participants own communities and organizations. After the conference these game materials will be available on loan to IAFSM Members to use in outreach to their schools and communities (like we already do the floodplain models). Come have fun and learn how to use this award winning outreach tool! For more information see: <https://www.koshland-science-museum.org/explore-the-science/extreme-event> .