

**ADMINISTRATIVE REVISIONS TO THE NOTICE OF INTENT**

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

MS4 Operator Mailing Address:                      Yes                          No   

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Persons Responsible:                                      Yes                                          No   

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 2021-2022 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. Each community submitted an NOI in 2016 when the General Storm Water Permit for MS4s was reissued. As stated in the 2003, 2008, 2009, and 2016 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 2021-March 2022:**

- 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.2.c-** Each community is to provide a minimum of (1) public meeting annually for the public to provide input as to the adequacy of the permittee's MS4 program.
- 6) **B.3-** The Co-Permittee group met (4) times throughout the year to provide training and updates on various topics.
- 7) **B.6-** Each community was made aware of County sponsored events. Madison County was responsible for program development and coordination.

- 8) **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.
- 9) **C.1-** Communities were to review outfall map completeness and update revised or new storm sewer systems.
- 10) **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.
- 11) **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.
- 12) **C.7-** Communities were to conduct illicit discharge inspections of facilities and outfall points. Illicit discharge detection training was included during one quarterly meeting.
- 13) **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.
- 14) **D.5-** Madison County continued to maintain a stormwater hotline number to address public concerns related to stormwater issues.
- 15) **D.6, E.5-** The County provided continuing education opportunities for Co-Permittee members.
- 16) **F.1-** Provide training for employees whose work may impact stormwater runoff.
- 17) **F.2-** Evaluate storm water quality and impact with quarterly visual inspections of outfall points.
- 18) **F.3-** Communities are to review and update O&M manuals annually. Operations training was provided during a quarterly meeting.
- 19) **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, 2021 To March, 2022

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 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))**

*Robert J Hancock*

05/16/2022

Owner Signature:

Date:

ROBERT HANCOCK

DIRECTOR OF PUBLIC WORKS

Printed Name:

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

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 2021 through March 2022

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	
	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			X	Ongoing through 2016-2021 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	Due to COVID-19, the Lewis & Clark Water Festival was canceled but Madison County plans to attend this year. The Mississippi Earth Tones Festival was presented on September 18, 2021. Madison County set up a booth.	See Page 10 and Exhibits A.4-A to A.4-B for more information.	X	Ongoing through 2016-2021 permit cycle.
<b>BMP No. A.5- Classroom Education Material</b>					
Milestone For Reporting Year: No specific milestone.					
	X	Provided through the Green Schools Program. Schools in jurisdiction: Silver Creek Elementary, Henning Elementary, St. Paul's Lutheran Elementary, and Alternative School	Review of Classroom Educational Materials See Page 10 and Exhibit A.6-A	X	Ongoing through 2016-2021 permit cycle.
<b>BMP No. A.6- Educational Presentations</b>					
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.	See Page 10 and Exhibit A.6-A for more information	X	Ongoing through 2016-2021 permit cycle.

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Comment		S M K	Activity Schedule
<b>BMP No. B.2.c- Public Involvement/Participation</b>			
Milestone For Reporting Year: Schedule one public meeting per year where residents can provide input on existing stormwater program.			
X	The City did not hold a public meeting to discuss their MS4 program but will continue to make efforts to provide public input in future years.	X	Ongoing through 2017-2021 permit cycle. The City will continue to provide an annual public meeting.
<b>BMP No. B-6- Program Involvement- Coordinate Meetings and Annual Reports</b>			
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 2021-2022 permit year. Meetings were held: ---- March 9, 2021 ---- June 9, 2021 ---- September 8, 2021 ---- December 15, 2021 A Representative from the City attended three meetings. Quarterly Newsletter was distributed to keep all members informed. **A	See Page 10 and attached Exhibit B.6/ F. 1-A to B.6/F.1B for review of meetings, topics and Quarterly Newsletters X	Ongoing through 2016-2021 permit cycle. The City will continue to meet with the Co-Permittee Group to share BMPs and training opportunities.
<b>BMP No. B.7- Other Public Involvement- Participate in Recycling, Sustainability and Green Infrastructure Programs</b>			
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, Christmas Tree Recycling, Electronic Waste Collection, Tire Collection and Hazardous Waste Disposal. **Other Community Involvement included Stormwater Management and Watershed Plans, Recycling and Resource Management, and active involvement with groups and organizations that are directly related to MS4.	Review of Program Material See Page 10 - 11 and Exhibit B.7-A through B.7-I X	Ongoing through 2016-2021 permit cycle. The City will continue to participate in and promote programs related to stormwater activities.

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Comment			Activity
<b>BMP No. C.1- Storm Sewer Map Preparation</b>			
Milestone for Reporting Year: Collect all available outfall mapping data			
X	The City is 100% complete with their outfall mapping program.		The City will review map completeness and update with revised or new storm sewer systems.
<b>BMPs No. C.2, C.9- Regulatory Control Program- Ordinance language for illicit discharge/public notification</b>			
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.		Enforce illicit discharge ordinances regularly. Ongoing through 2016-2021 permit cycle.
<b>BMP No. C.5- Inlet Stenciling</b>			
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.		Continue to replace missing and worn inlet markers. Ongoing through 2016-2021 permit cycle.
<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 June 9, 2021 quarterly meeting.	X	Continue to conduct inspections of County facilities and outfall points. Ongoing through 2016-2021 permit cycle.

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Comment		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Activity Schedule
<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			
	<p>The City's Stormwater Ordinance contains sections on construction site runoff control.</p> <p>Madison County has continued to work towards a county-wide Stormwater Master Plan.</p>	<p>X</p>	<p>Continue to enforce erosion and sediment control ordinances.</p> <p>Ongoing through 2016-2021 permit cycle.</p>
<b>BMP No. D.2- Erosion and Sediment Control BMP's</b>			
Milestone for Reporting Year: Include BMP training in one quarterly meeting			
<p>X</p>	<p>BMP training was provided during the March 9, 2021 quarterly meeting.</p> <p>The County conducted the meeting.</p>	<p>See Page 11 and Exhibit D.2-A for more information.</p> <p>X</p>	<p>Ongoing through 2016-2021 permit cycle.</p>
<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.			
<p>X</p>	<p>Madison County received numerous hotline calls during the reporting period. Many complaints are addressed by the communities prior to calls to the hotline.</p>	<p>X</p>	<p>Madison County will continue to provide support to communities by communicating hotline requests.</p> <p>Ongoing through 2016-2021 permit cycle.</p>
<b>BMPs No. D.6 and E.5- Training for Construction Site Inspectors</b>			
Milestone for Reporting Year: Madison County sponsored training courses for construction site inspectors. The courses addressed specific technical issues regarding construction site runoff as well as post-development.			
<p>X</p>	<p>The City does not have a CESSWI certified inspector on staff nor Certified Floodplain Manager 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 the September 8, 2021 quarterly meeting.</p>	<p>See Page 11 and attached Exhibit D.6/E.5-A for training</p> <p>X</p>	<p>Madison County and the Co-Permittee group will continue to explore opportunities for additional training seminars.</p> <p>Ongoing through 2016-2021 permit cycle.</p>

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Comment			Activity
<b>BMP No. F.1- Employee Training Program</b>			
Milestone for Reporting Year: The Co-Permittee Group will hold an Operations Training class as part of continuing education opportunities.			
X	<p>Operations Training was provided during the December 15, 2021 quarterly meeting.</p> <p>The County attended the 2022 IAFSM Conference.</p>	<p>See Page 10 and attached Exhibit B.6/F.1-A for Operations Training, See Page 11 and attached Exhibit F.1-A for Annual Conference.</p>	<p>The Co-Permittee Group will continue to offer Operations Training and other educational and training opportunities throughout the permit year.</p> <p>Ongoing through 2016-2021 permit cycle.</p>
<b>BMP No. F.2- Monitoring, Sampling, &amp; Inspection Requirements - Inspection and Maintenance Program</b>			
Milestone for Reporting Year: Evaluate storm water quality and impacts with quarterly visual inspections of outfall points.			
X	<p>The document is located at Public Works Department.</p> <p>1st Quarter Test on: April 7, 2021</p> <p>2nd Quarter Test on: July 16, 2021</p> <p>3rd Quarter Test on: October 11, 2021</p> <p>4th Quarter Test on: March 21, 2022</p>	<p>X</p>	<p>The City will continue to provide quarterly inspections at outfall points.</p> <p>Ongoing through 2017-2021 permit cycle.</p>
<b>BMP No. F.3- Other Municipal Operations Controls- Standard Operating Procedures</b>			
Milestone for Reporting Year: Operation procedures for street department activities were reviewed and modified as needed. Co-Permittee meetings included reference to review and update requirements.			
X	<p>Stormwater operation procedures were reviewed during the permit year and modified as needed.</p>	<p>X</p>	<p>Operation procedures will be reviewed annually and modified as appropriate.</p> <p>Ongoing through 2016-2021 permit cycle.</p>

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2021 through March 2022

**ADDITIONAL INFORMATION**

<b>BMP A.4</b>	<b>Water Quality Oriented Public Events - Water Festival</b>
	Canceled in 2021 due to COVID-19. See attached Exhibit A.4-A.
<b>BMP A.4</b>	<b>Water Quality Oriented Public Events - Mississippi Earthtones Festival</b>
	Was held on September 18, 2021 - Madison County set up a booth. See attached Exhibit A.4-B.
<b>BMP A.5</b>	<b>Classroom Educational Materials - Madison County Soil and Water District</b>
	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 provides 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.
	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.
<b>BMP A.6</b>	<b>Classroom Educational Materials - Madison County Green Schools Program</b>
	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-A for additional details.
<b>BMP B.6/F.1</b>	<b>Stakeholder Meetings - Co-Permittee Group Training Opportunities</b>
	The Madison County MS4 Co-Permittee Group held four quarterly training meetings during the 2021-2022 permit year. Topics covered included a review of proposed changes Phase II requirements in the MS4 permit cycle, outfall mapping, illicit discharge detection and elimination, operations training, and annual report requirements. See attached Exhibit B.6/F.1-A.
	A Quarterly Newsletter is distributed to keep all Madison County MS4 Members informed of topics, events and opportunities. See attached Exhibit B.6/F.1-B
<b>BMP B.7</b>	<b>Community Events</b>
	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.
	The pharmaceutical drop-off program included twelve police departments in the County plus the Madison County Sheriff's Department where citizens could dispose of expired or unwanted medication year round properly rather than flushing down the drain or dumping into landfills. This initiative collected over 3,433 pounds of prescription and over-the-counter medications. See attached Exhibit B.7-A.

<b>BMP B.7</b>	<p><b>Community Events</b></p> <p>Madison County managed a Christmas Tree recycling program in conjunction with area public works and township highway departments from late December 2021 to mid January 2022. There were different locations open to the public that collected Christmas trees. The trees were chipped for mulch and used by public works departments for parks or in ponds for fish bedding. A total of 1,573 trees were collected. See attached Exhibit B.7-B for additional details.</p> <p>Madison County Planning and Development sponsored electronic waste collections on April 10th, June 12th, September 11th, and October 9th, 2021 where residents could bring home electronics, computer towers, laptops, servers, fax machines, and other electronic items for free disposal. See attached Exhibit B.7-C.</p> <p>Madison County Sponsored a tire recycling collection in October 2021 with a total of 31 participating government entities utilizing 78 trucks approximately 81.54 tons were recycled. See attached Exhibit B.7-D.</p> <p>Madison County sponsored household hazardous waste collections monthly, every 1st Saturday and 3rd Friday where Illinois residents could bring paints, gas, oils, degreasers, fluorescent bulbs, and other household hazardous waste items for free disposal. See attached Exhibit B.7-E.</p>
<b>BMP B.7</b>	<p><b>Other Public Involvement</b></p> <p>Madison County, along with Heartland Conservancy, provided various events to help educate the County on watershed plans and how they reduce flooding and improve water quality throughout the County. Major components of the events include watershed resource inventories of existing conditions, watershed based plans for improvements, and public/stakeholder involvement. See attached Exhibit B.7-G for more details.</p> <p>Provides Recycling and Resource Management Program. Awarded nearly \$137,000 in grant funds to 10 local government agencies and \$22,775 to 13 Madison County schools, supporting environmental projects. Sponsored 7 communities for the Green Cities Challenge. See attached Exhibit B.7-H.</p> <p>Madison County is actively involved in groups and organizations that are connected with MS4. See attached Exhibit B.7-I 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 on February 28, 2020 to provide additional training to professionals in the community on various storm water controls. Madison County is planning the scheduled 2022 Erosion and Sediment Field Day since it is an "every other year" event.</p> <p>Erosion and Sediment Control BMP training was provided during the March 9, 2021 quarterly meeting, information was provided regarding sandbag training March 26th. See attached Exhibit D.2-A.</p>
<b>BMP D.6/E.5</b>	<p><b>Training for Construction Site Inspectors</b></p> <p>At the September 8, 2021 co-permittee group quarterly meeting, Madison County provided a training workshop for construction site inspectors. A presentation was provided by professional staff regarding "Construction Site Sediment and Erosion Control", also providing resources for construction site inspectors, as well as information regarding IEPA's Stormwater Phase II Final Rule for Post-Construction Runoff Control Minimum Control Measure. See attached Exhibit D.6/E.5-A.</p>
<b>BMP F.1</b>	<p><b>Employee Training Program</b></p> <p>Madison County attended the 2022 Illinois Association for Floodplain and Stormwater Management Annual Conference on March 8th and 9th, 2022. See attached Exhibit F.1-A.</p>

## ADDITIONAL COMMUNITY ACTIVITIES

Community Name: City of Troy

Permit #: ILR400461

List any additional community-sponsored activities performed between March 2021 and March 2022 not listed in *Notice of Intent (NOI)* submittal, but which addresses one of the six minimum control measures:

- The City provided recycling pickup to residents bi-weekly.
- The City cleaned ditches along Byrn St. (300 ft.) and Fairington Dr. (100 ft.)
- The City streets were swept for a total of 174 hours which accounted for 609 cubic yards of materials that was disposed of in a landfill.
- The City cleaned 17 catch basins during the permit year city wide.
- 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 756 pounds were collected and destroyed.
- The City provided tire collection services and collected and recycled 20 tires during the year.
- The City managed a Christmas Tree Recycling service with one drop-off location and collected 16 trees.

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>
ILR10BQ83	Troy Commercial	Completed
ILR10ZA8E	City of Troy Pedestrian Paths	Completed
NPDES Permits: IL0080159 – Speedco 2180 Liebler Road. Troy, IL		

**Canceled due to Covid 19**

**2021 Lewis & Clark's Annual Water Festival**

2021 14<sup>th</sup> Annual Mississippi  
Earthtones Festival

# MISSISSIPPI EARTHTONES FESTIVAL

**SATURDAY  
SEPT 18  
NOON-10PM**

**ON BROADWAY  
BETWEEN ALTON &  
LANGDON STREETS**



**CELEBRATE OUR RIVER  
THROUGH ART, MUSIC, & CONSERVATION!**

## LIVE MUSIC ALL DAY

Jake's Leg - Grateful Dead Tribute  
(7:00-10:00)

Non Stop Reggae (4:45-6:45)  
Raw Earth (3:00-5:00)  
Red White & Floyd (2:30-4:30)  
Sounds of Sylva (12:00-2:00)

## FAMILY FUN

Vendors and Art Exhibits  
Food and Beverages  
Sustainable Fashion Show &  
Thrift Village

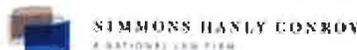
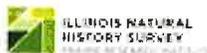
Parking is available on the river side of  
Highway 67. Just cross the walking bridge to  
all the fun!



After party at The Conservatory  
554 E. Broadway  
Poor Dirty Astronauts  
8:00-Midnight



### WE THANK OUR SPONSORS





## CELEBRATE LIFE ON THE RIVER AT THE 14<sup>TH</sup> ANNUAL MISSISSIPPI EARTHTONES FESTIVAL, MODIFIED FOR SOCIAL-DISTANCING

The Mississippi Earthtones Festival, co-organized by Alton Main Street and the Sierra Club, is a celebration of our river through art, music, and conservation which is held on the 3<sup>rd</sup> Saturday in September. The 14<sup>th</sup> Annual event falls on September 19<sup>th</sup>, and due to Covid-19 precautions the festival will be presented through socially-distanced activities in lieu of the typical large gathering.

“While we will not be able to enjoy the big street festival atmosphere that everyone is used to, we are still committed to keeping the spirit of MEF alive in safe ways with the goal of helping our community celebrate Illinois watersheds through education, recreation and conservation,” said Alton Main Street Executive Director Sara McGibany, “For this year’s free and family-friendly event, we have pivoted to creative options that people can participate in at a distance, such as a GPS-based scavenger hunt, an art exhibit, an outdoor movie, and a litter clean-up near the river.”

That morning from 8:00 a.m. until Noon, you can view the Riverwork Project displayed at the Alton Farmers & Artisans’ Market. This is a textile art exhibit coordinated by Sun Smith-Foret which is a collaboration featuring the work of a number of regional artists. The large flowing fabric installation explores the

ALTON

46°

rain

7:15am-6:15pm CDT

feels like: 41°F  
wind: 10mph n  
humidity: 93%  
pressure: 30.19"hg  
uv index: 0

sun	mon	tue
min: 41°F	52/41°F	61/55°F

Weather forecast  
Alton, Illinois ▶

### Latest News

- [City-Wide Litter Clean-Up Underway](#)



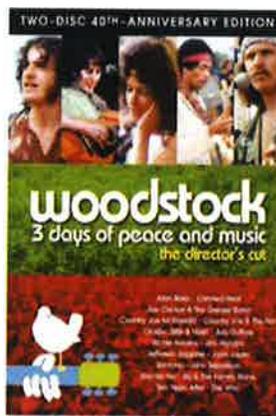
Riverwork Project

relationship between our rivers, their environmental character and the arts.

From 3:00 until 7:00 p.m. a fun and free GPS-based scavenger hunt will be presented in partnership with [www.LetsRoam.com](http://www.LetsRoam.com). The hunt will lead participants across multiple stops throughout the Downtown area with multiple challenges at

each stop. The hunt will take approximately two hours to complete, and the first 50 people to do so will receive a festival t-shirt. To receive a link to the app and a code for the hunt please click the button below to register.

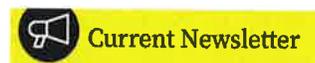
That evening a Carpool Concert will be presented soon after dusk in the large parking lot at the corner of Landmarks Blvd. & Henry Street, which is the same parking lot used for the Alton Farmers' & Artisans' Market. Guests will enjoy an outdoor movie on a large inflatable screen from the comfort of their car, with audio through their car stereo. There was an online poll for the community to vote on which music-themed movie to show, and the majority of the votes cast were for *Woodstock: Three Days of Peace and Music*, which is Rated R with a runtime of 225 minutes. This Director's Cut of the Oscar-winning documentary about the three-day festival in 1969 includes performances by Jimi Hendrix, The Who, Joan Baez, Arlo Guthrie, Richie Havens, and Crosby, Stills and Nash. The movie is free and open to the public. Food & beverage vendors will not be available on site; guests are welcome to bring their own refreshments. In case of inclement weather, the movie will be rescheduled.



> Creating "Great Streets" for all to enjoy

> Alton Main Street Announces Winners of Façade Improvement Grant Program

 Join Our Newsletter

 Current Newsletter

 Newsletter Archives

On the following Saturday, September 26<sup>th</sup> at 9:00 a.m., join us for a socially distanced litter cleanup in partnership with National Public Lands Day. Please note that unlike years past snacks, water, or lunch will not be provided due to the enhanced safety measures. Bring your own gloves, water bottle and boots or sturdy shoes. The clean-up will take place rain or shine. Although other locations are listed, you must choose one of the following sites in order to receive a MEF t-shirt after the cleanup: Lincoln Shields Recreation area, Clark Bridge, Piasa Park, or Clifton Terrace Park.

Over 43 tons of trash have been removed from the Mississippi River during MEF clean-ups to date, with more than 2,600 volunteer hours contributed. There will be a maximum number of volunteers allowed at each site for the safety of everyone. To register, please click the button below.

Volunteers are needed to help with logistics of the Carpool Concert, and those who pitch in will receive a free festival t-shirt. Check back soon to sign up!

This festival is held annually as part of the State of Illinois' "It's Our River Day" initiative to celebrate Illinois watersheds through education, recreation and conservation. Alton's free community river celebration would not be possible without the generosity of its sponsors. Alton Main Street and the Sierra Club express their sincere appreciation to the following local businesses and organizations for supporting the event: Busey Bank, Meyer Jensen Law Firm, Chiro One, Madison County Planning and Development, Illinois Natural History Survey – Great Rivers Field Station, Illinois Environmental Council, Alton Parks & Recreation Department, The Telegraph, Riverbender.com, WBGZ Radio, and AdvAntage.



Timeline

Ev



**Alton Main Street**  
on Thursday

On this beautiful Earth Day we're giving a shout out to these beautiful people who have been participating in the Alton City-Wide Litter Clean Up that's happening throughout the month of April. Bags & gloves are available at the [Jacoby Arts Center & Mae's Coffee](#), don't forget to post before & after photos with the hashtag [#RiverbendTrashTagChallenge](#) for a chance to win gift certificates to local restaurants!

***The Alton Main Street program makes a big impact on our quality of life, from numerous fun events to making the front door of our community more inviting.***

*When you give to AMS, you are supporting:*

*Public art and pocket parks*

*Free festivals and cultural experiences*

*Locally-owned business and funky old buildings*

*All things that give Alton its charm and distinct*

*personality*

*Our historic downtown district is experiencing an influx of exciting developments; please add your support to this momentum and help us create a district that's flourishing with positive activity!*

– Sara McGibany,  
Executive Director

[Please Click Here to Make a Financial Contribution!](#)



Green Schools Program  
(GSP)

# Madison County Green Schools Program Guide



The Madison County Green Schools Program supports the important work done by teachers and school staff to help students develop the skills to become wise stewards of our land, air, and water. In this guide, you will see that the Green Schools Program offers collection programs, county-wide competitions, professional development opportunities, grant funding, and recognizes individuals for their dedication to their school's goals.



**Madison County Building and Zoning**  
157 N. Main, Edwardsville IL, 62025  
Contact: Bailey Lutz  
Phone: 618-296-4606  
Email: [bnlutz@co.madison.il.us](mailto:bnlutz@co.madison.il.us)



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## Overview

This program provides support, incentives, and educational resources for new and ongoing resource management practices within private and public Madison County schools. While each school's approach varies based on its needs, all schools share a common set of goals. Our program's values are rooted in the wise use of resources, the creation of healthy outdoor spaces in and around schools, and access to meaningful learning opportunities about Madison County's ecology and natural spaces.



## Program Objectives

- Offer a comprehensive education program that promotes student learning about local environmental concepts and processes.
- Provide support for schools working to improve resource and energy management practices and environmental science-based learning experiences.
- Generate community awareness and encourage wise management of land, air, and water while increasing resident engagement with outdoor spaces in Madison County.

Focus areas of the Green Schools Program:



Madison County Ecology



Land, Air, and Water  
Management



Waste Diversion and  
Reduction

## What does it mean to be a Green School?

When thinking about a school's sustainability, it is important to know that every school has different needs and resources. Our Green Schools Program works with each individual school to develop goals based on what works best for their students and staff. **The term 'Green School' refers to a school that enrolls in the Green Schools Program and actively participates in and promotes the county-wide collection programs, competitions, and opportunities.** We understand that some programs that we promote may not work for all schools but we encourage everyone to make an effort in all areas of school sustainability that they feel they can set obtainable goals.



*Fifth grade students participating in hands-on activity stations at Water Festival, 2019*

In this guide you will see a variety of Collection Programs, Competitions, and Opportunities, including grant funding, professional development for educators and educational resources for the classroom.

**Collection Programs** in schools involve setting up a collection bin for different types of materials to be recycled that are not accepted in typical single stream recycling. These collections are non-competitive and there is no monetary award for the items listed for collection under this category.

**Competitions and Contests** mean that there is an award for the winning schools or individuals. Some competitions offer a check to the top three winning schools or a VISA gift card to the winning individuals.

**Opportunities** are offered to schools enrolled in the Madison County Green Schools Program from sources external to the county such as the EPA and other partnering organizations. Some of these opportunities typically involve registering the school with another organization or website in order to participate.

- **Grant Funding** is available to schools enrolled in the Green Schools Program to assist with projects such as school gardens, water bottle filling stations, and outdoor classrooms.
- **Professional Development** and networking opportunities for educators.
- **Educational Resources** and classroom presentations are also available to schools.



*Students at East Elementary working in their raised bed gardens.*

## **Are you thinking about your schools resource management practices but not sure where to start? Schedule a time to meet with Bailey, the Green Schools Coordinator!**

Bailey Lutz began serving as the Green Schools Coordinator in the Fall of 2019. She currently has her Bachelors degree in Environmental Science and her Masters degree in Youth Development. Bailey has a great interest in environmental education and enjoys encouraging others make sustainable choices that lessen their impact on our environment and natural resources. Born and raised in Collinsville, IL, Bailey has a strong connection to Madison County Schools and strives to develop connections with educators and schools to help them achieve their goals. If you want to learn more about the Green Schools Program or want to discuss potential projects for your school, reach out to Bailey!

618-296-4606

[bnlutz@co.madison.il.us](mailto:bnlutz@co.madison.il.us)



### **Make sure to BEE informed!**

The Madison County Green Schools Program sends out newsletters via email with updates throughout the year. This newsletter includes upcoming deadlines, shout outs to schools and teachers for their hard work and opportunities within the community. Make sure to stay informed by signing up for the newsletter [HERE](#).

### **Accomplishments of the Madison County Green Schools Program**

Since it began in 1990, the Green Schools Program has become a valued part of local school culture and a vital tool in helping our students become active and informed community stewards. Now in its 30th year, the Green Schools Program is a regional leader dedicated to meeting the needs of the community and supporting a high quality of life for children and students. The numbers below reflect the programs reach and impact on our county:

**30: Active years of Green Schools Program**

**80: Participating Madison County Schools**

**15: Green Seed Grants available every year**

**20,000: Students impacted each year**

## How Does It Work?

The Madison County Green Schools Program exists to promote student learning about local environmental concepts, provide support for schools working to reduce waste and improve resource management efforts, and to increase community participation in the wise management of land, air, and water in Madison County.

### STEP ONE: Answer the call!

A dedicated teacher or school staff member chooses to participate in the Madison County Green Schools Program as the coordinator for the school. This might include a team of individuals (such as a principal, teacher, custodians etc.) or just one individual teacher.



### STEP TWO: Enroll in the Program

The school coordinator, along with other staff and the schools Green Team if needed, fills out the [Goals and Interests Survey](#) to identify the schools sustainability goals. Schools can enroll at any point throughout the school year, but if enrolled by the October deadline, the school qualifies for a \$100 stipend. In this survey, the school coordinator identifies which county sponsored programs and competitions that the school will promote for the school year.

### STEP THREE: Take Small Steps (For Big Change)



After enrolling, schools can participate in county sponsored programs and competitions through out the year, teach standard-aligned lessons provided by the Green Schools Program, and implement policies and practices to reduce waste in and around their school. The school coordinator works directly with the Green Schools Program County coordinator who will provide the school with the necessary supplies and resources for

### STEP FOUR: Receive Support and Optional Grant Funding

The Green Schools Program provides planning tools, logistical support, materials for classroom use, and if enrolled by the October deadline, a \$100 stipend to be used towards their schools goals. Participating schools are also eligible to receive Green Seed Grant funding for projects such as school gardens, water bottle filling stations, and other efforts related to waste reduction and improving the quality of air, land, and water in and around the school. Other grant funding opportunities provided by the state and other organizations are also promoted to provide schools with financial support for their resource management projects.

### STEP FIVE: Report Back and Celebrate!

At the end of the year, school coordinators are required to complete the End-of-Year Survey which provides the county program with an overview of the schools accomplishments, challenges, and general feedback on their participation in the program. Schools are also then eligible for end-of-year celebration kits to be used for recognition with their students and staff. Additionally, Coordinators and Green Teams can apply for End-of-Year county-wide awards which recognize individuals and groups for their hard work and dedication to the program throughout the year.



# Stipends for Enrollment

Each year schools are required to enroll in the Madison County Green Schools Program by filling out a Goals and Interests Survey. This survey helps the school to set sustainability goals and identify the programs and competition they plan to promote among their students and staff. Additionally, this survey will help the County Coordinator to provide your school with educational resources, support, and incentives. Upon completing this Goals and Interests Survey, schools that enroll before the deadline in early October will receive a \$100 stipend for their school to use towards their goals. The graphic on the next page offers suggestions on creative ways to spend your stipend.

*Please note that schools can enroll in the Green Schools Program at any time throughout the year, but those who enroll before that October deadline are eligible for the enrollment stipend.*

## Goals and Interests Form—A sample of questions asked for enrollment

- Does your school have a green team of students and/or staff members?
- What competitions do you plan to promote among your students and staff? These can be competitions you participate in as a school or your students can participate in some of the competitions as individuals.
- What sort of recycling programs does your school currently have? (ie. Paper only recycling dumpster, Crayola marker recycling, plastic bag recycling, etc.)
- What would be helpful in advancing your school's resource management practices or environmental education programs?

## Benchmarking Survey

In addition to the annual Goals and Interests Enrollment survey, we ask that schools complete a [Benchmarking Survey](#) every five years to provide the Green Schools Program with a more detailed description of any major changes to the school. This survey has several questions that relate to your school building's structure, grounds, and maintenance practices. It may be helpful to complete these questions with a custodian or member of your Facilities Maintenance staff.



# Suggestions Ways Spending Your Enrollment Stipend!

Make or [purchase seed bombs](#) for students to take home in the Spring. Seeds packed in air-dry clay will sprout where you plant them and help support bees and other important pollinators.



Sign up for a [Terracycle Zero Waste Box](#) and help your school reduce its waste by recycling unusual items, from action figures to athletic balls.



Use bulletin board materials to [create a display](#) in the school lobby to inform parents and visitors of your efforts and gain support.



Add [feeders](#) for local birds or hummingbirds to your schoolyard. Use opportunities for observation to enrich descriptive writing, graph feeder visitors, or learn about concepts such as migration and physical adaptations.

Replace the light bulbs in a common area of your school with [high-efficiency bulbs](#).



Adopt a barn owl, red-tailed hawk, or peregrine falcon from [World Bird Sanctuary](#).

Install heat-and [UV-blocking window film](#) in classrooms that get the hottest on warm afternoons.



Plant a [native garden](#) to support pollinators and use it as a "living lab" for topics such as plant life cycles, food webs, and prairie ecosystems.

Purchase the materials to create an [indoor worm bin](#) for composting and use it as a learning opportunity to teach the cycle of decomposition.



Take a hike! Use your stipend towards transportation costs for a field trip to one of Madison County's many outdoor learning destinations, such as the [Watershed Nature Center](#).



Invite a [guest speaker](#) to your schools assembly to teach on a sustainability topic and use the stipend to cover the speakers fees.

## **TIMELINE- What to Expect Throughout the Year**

### **August**

Review the Green Schools Program Guide and begin thinking about your schools sustainability goals for the year. Feel free to reach out to Bailey to discuss your goals in more detail.

### **September**

Recruit students and staff to help support your schools goals. Begin your [Goals and Interests Survey](#) to help set goals and a sustainability plan for the school year. This month can also focus on promoting your collection programs for the school that will be ongoing throughout the year (plastic bag collection, Crayola marker collection, used shoe collection, etc.)

### **October**

Deadline to enroll and qualify for the \$100 stipend is the second Friday in October. Entries for the America Recycles Day Poster Contest are also due on the fourth Friday in October.

### **November**

America Recycles Day is on November 15th, think about how your school can celebrate! This month is also a good opportunity to promote used/broken holiday string light collection. You will also receive your enrollment stipend this month also so you can consider ways to spend it.

### **December**

Work on [Green Seed Grant](#) application (if applying for funding). Rain barrel design contest entries due on the second Friday in December.

### **January**

Green Seed Grant Applications due second Friday in January.

### **February**

Promote the Spring competitions and contests at your school (PhotoVoice Contest, Clean Air Bookmark Contest, Mississippi River Plastic Pollution Competition). Schools receiving Green Seed Grants are announced this month!

### **March**

PhotoVoice and Bookmark entries due second Friday in March, [EEAI Conference](#) held in early march

### **April**

End of Year Surveys due second Friday in April (**important deadline to make sure you get your end of year celebration kit**), Data collection for MRPPI due at the end of the month, apply for end of year awards, winners announces for PhotoVoice and Bookmark Competitions.

### **May**

Celebration and Awards! End of Year Celebration kits are distributed out to schools who complete their end of year surveys.

## Hard-To-Recycle Items At Your School!

For any of the collection items listed below, simply set up a collection bin in the front office of your school and encourage students to collect and recycle these hard-to-recycle items. Once the collection bin is full, or at the end of the year, contact your county coordinator to arrange a pick-up or drop off of the items. Need a collection bin and label for your school? Please let your county coordinator know!



**Plastic Bottle Caps**



**Soda Tabs**



**Keys**



**Eyeglasses**



**Holiday String Lights**

## Crayola Markers- Updated Program in 2021

[GreenMantra](#) will now recycle both pre- and post-consumer plastic markers from across all of North America, expanding its feedstock stream for producing its specialty polymer additives. The company will transform Crayola's discarded plastic markers into high-value polymers that can then be used in the production of industrial products to enhance critical infrastructure applications (things like asphalt roads, roofing products, and plastic drainage pipes), while also enabling increased use of recycled content in those applications.



# Plastic Bread Tag Collection

In this school-wide collection program, students and staff will collect plastic bread tags to be recycled by [Danielle Cares for Chairs](#), a non-profit started by a 17 year old in Indiana that collects large amounts of plastic bread tags, recycles them directly through a plastic recycler, and uses the profits to purchase mobility products for individuals.



These #6 plastic bread tags are not recyclable through a regular single stream process because of their small shape and size, but they can be collected and recycled through a special process.

**Did you know? There are approximately 1300 bread tags to 1 lb.**

These bread tags are made from #6 polystyrene and are melted down and recycled into products such as drinking cups, egg cartons, coffee pods, tape dispensers, and sporks. Collection containers will be provided to school coordinators with promotional materials to distribute throughout the school. By utilizing this collection program, students have the opportunity to take small steps for big change.

As of June 2021, Danielle Cares for Chairs has collected 4.5 million bread tags and has given away 9 mobility products.



 [daniellecaresforchairs@gmail.com](mailto:daniellecaresforchairs@gmail.com)

 [Facebook](#)

 [Twitter](#)

 [Instagram](#)

 [Website](#)



# Fantastic Plastic Competition

Between 500 million and 1 trillion plastic bags are made each year! These lightweight plastic bags travel through our waterways where they pollute our ecosystems and harm wildlife.

Through this competition, students and staff are encouraged to collect plastic bags and other dry stretchy plastic at their school to then be recycled through a local retailer. Schools will be provided with a collection bin for their school and toolkit with resources to promote the competition with students and staff.



## Competition Rules:

- Students and staff will collect plastic bags and stretchy plastics at a designated location in the school (front office, teacher's classroom, cafeteria).
- The school coordinator will weigh the collected bags and report to the Madison County Green Schools coordinator in their end of year survey. The collected bags and plastic can then be taken to a local Dierbergs, Schnucks or other local retailer to be recycled.
- Winning schools will be determined by calculating the lbs. collected divided by the number of students enrolled at the school.

Get your free plastic bag collection bin and toolkit today!



Slim, sturdy • 23 gallons  
Swing top • Decal provided

Comes with materials for recruiting volunteers  
and generating whole-school participation.



**First Place School \$300**  
**Second Place School \$200**  
**Third Place School \$100**

# TREX Plastic Film Recycling Challenge

In this nation-wide competition hosted by [Trex](#), students and school staff are encouraged to collect and recycle plastic bags and stretchy film.



THE PLASTIC FILM RECYCLING CHALLENGE



*Third grade students at Whitehouse School in Reading Township N.J. collected more than 300 lbs. of recycled plastic.*

"Trex® was founded on the premise that ingenuity can help extract value from what was once seen as waste. In creating this turn-key program for schools, we provide students with a better understanding and appreciation for the importance of recycling by demonstrating how small, everyday efforts can translate into a tangible product and successful business."  
 -Bryan Fairbanks, President and CEO of Trex.

Schools are encouraged to participate in this nation-wide competition in addition to the county-wide competition, Fantastic Plastic. Registering and reporting for county-wide competition Fantastic Plastic should be done through the county coordinator while the nation-wide competition through TREX should be done through the [TREX website](#).

## What Can Be Recycled?



"After more than a decade, the Trex® Plastic Film Recycling Challenge continues to educate and inspire young people by providing a program in which students can play an active role in preserving the environment and making a difference." -Stephanie Hicks, Materials Sourcing Manager for TREX

# Mississippi River Plastic Pollution Competition

In this competition schools participate in a [citizen science project](#) focused on recording data on litter at different points along the Mississippi River. This competition will require the use of the Marine Debris Tracker app which will allow participants to log the litter they pick up, as well as the use of GPS which tracks the location of the litter.



**The problem:** It is estimated that 40% of plastic pollution entering the Gulf of Mexico, and then into the ocean, originates from the Mississippi River. This competition targets the problem of plastic pollution in our waterways and helps to track what plastic items are being littered.

We encourage students, their families, and staff to participate in this competition. If you do not have a smart phone or portable electronic device, contact your school coordinator to find out how to record your collection numbers.

## HOW SCHOOLS CAN PARTICIPATE:

- Students (or their parents) and school staff **must download the Marine Debris Tracker app** and log in with their **school account information**.
- Select the list **MRCTI** (icon at the top of the page).
- Students select an area to clean up litter. This can be in their neighborhood or one of the targeted areas suggested by Madison County.
- Students and staff use the app to collect data and the litter that they clean up.
- School coordinators will then select 'download my data' for the school account and submit to Madison County. The top three schools will receive the prize money to use towards their school's sustainability goals.



Clean up supplies are available on a limited basis to participating schools (i.e.. Trash bags, gloves, safety vests, and litter grabbers). This competition will be held annually through the entire month of April. For complete competition rules, please contact the County Coordinator for more information.



## In 2020, the following schools won the top three prizes

1st Place (\$500) Hamel Elementary School

2nd Place (\$400)- Highland High School

3rd Place (\$300)- Woodland Elementary School

Bonus Prize (\$200) Hamel Elementary School

To view a video tutorial on using the app and to find out more about the Marine Debris Tracker App, please scan the QR Code or visit [debristracker.org](http://debristracker.org)



## Shoe Collection Fundraiser

This shoe drive fundraiser can raise money for your school, support your sustainability efforts, and support work opportunities for small businesses in developing nations. Through [funds2orgs.com](https://funds2orgs.com), your school will be provided with everything you need for this school competition at no cost to the school.



**How does it work?** Sign up by selecting the Shoe Drive Fundraiser on the Enrollment Survey as one of the competitions that your school is interested in participating in. Collection boxes, bags and rubber bands will be provided to each school that chooses to participate.

**What happens to the shoes that are collected?** The shoes collected after your shoe drive fundraiser become an economic lifeline for individuals and families living in developing nations. Due to systemic poverty, lack of education, and economic opportunity, Funds2Orgs works with individuals who create micro-businesses, essentially small businesses. The shoes collected in countries such as the United States get repurposed. That is, they get a longer life and are sold to micro-entrepreneurs for a small cost. Micro-entrepreneurs then mark-up the shoe price and sell them in their local communities for a fraction of their original price, but still for a profit!

**Monetary prizes are available for this competition, however the amount awarded to the top schools will be dependent on the amount of participation among all Madison County Green Schools.**

To view FAQs on the shoe collection process, please visit [this link](#).



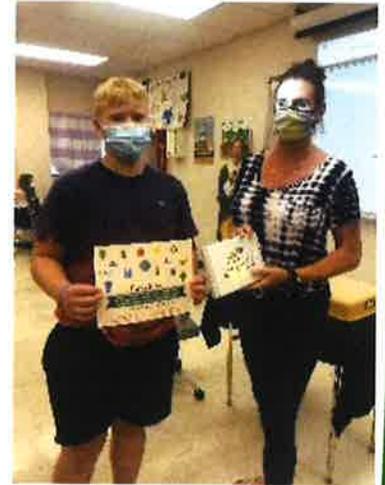
## PhotoVoice Contest

This contest allows 6th-12th grade students the opportunity for their voice to be heard through photography by documenting their community's needs and resources. Students should photograph a scene that represents their community or expresses their point of view as it relates to sustainability and the wise use of our land, air, or water in addition to a 4-5 sentence description of their photograph.

Photographs might include subjects such as:

- Human activities and habits that support or are possible because of healthy land, air, and water.
- Agricultural practices that support a healthy and thriving Madison County.
- Favorite places to explore outdoor Madison County, particularly those that might represent local plants, animals, or habitats that are carefully managed or conserved.

This competition is typically promoted in February and submissions are due the last Friday in March. First place winners receive a \$100 VISA gift card, second place receives a \$75 VISA gift card, and third place receives a \$50 VISA gift card.



2021 first place winner,  
Collinsville High School  
Student- Corey Patton

## Clean Air Bookmark Contest

This contest allows students (grades K-12) to design a bookmark showing the various ways to improve air quality in the Metro East region such as carpooling, walking, bicycling, riding transit, using solar and wind energy, etc. Each year students have a theme for their grade level to focus on; 'We Deserve Clean Air', 'Planes, Trains, and Cars!', 'Clean Air is Our Future'. First place winners in each of the four grade level categories win a new Kindle in addition to the top three winners in each category who win a \$50 VISA gift card. See the competition rules for more details. Deadline for entries is the last Friday in March.



Winning students at Highland Primary-- (L-R)  
Logan Garson, Madeleine Gourley, Taylor  
Logsdon



First place bookmarks from 2021 pictured left to right  
(K-2) Logan Garson, (3-5) Lillian Bell, (6-8) Savannah  
Kujawa, (9-12) Hannah Heidrich

# America Recycles Day Poster Contest

This contest encourages students in grades K-12 to illustrate their artistic talent and “think outside of the recycling bin”. Students must design a poster illustrating the theme of the contest focused on recycling. The entry form for 2021 can be found [here](#).

Theme in 2020: The five R’s: Refuse, Reduce, Reuse, Recycle, and Rot (Compost). Whether they’re learning from home or in the classroom, this poster contests allows students to demonstrate the importance of our actions and how they impact the environment. This contest is typically promoted throughout the month of October and due in early November. Winners are announced before [America Recycles Day](#), November 15th.



Alissa Korsmeyer 6-8th First Place Winner 2020



Suzy Smith 3-5th Grade First Place Winner 2020

**Theme in 2021: Stick with the Six!** Students should illustrate the importance of recycling responsibly and only placing items in the recycling that belong in the bin! Although some schools have paper only recycling, single stream recycling is available in most homes and public areas within Madison County. This type of recycling involves only recycling the items illustrated below. If it’s not on the list, it doesn’t go in the bin. Students should design a poster encouraging Madison County residents to stick with the six when recycling items in a single-stream recycling bin.



PAPER



FLATTENED  
CARDBOARD



PLASTIC BOTTLES  
AND CONTAINERS



GLASS BOTTLES  
AND JARS



METAL FOOD AND  
BEVERAGE CANS



FOOD AND  
BEVERAGE CARTONS

## Rain Barrel Design Contest

Rain barrels are a great way to conserve water and are completely free to use in your landscape. In this contest, students are challenged to create their own design for a rain barrel.

All design submissions are expected to illustrate the benefits of capturing and/or reusing rainwater (rainscaping or rain water harvesting), such as erosion control, improved water quality, reduced flooding etc.



Contest entry forms will be due the second Friday in December, winners will be announced in January, and rain barrels delivered to schools in the early Spring.

There are four grade level categories for students: K-2nd, 3rd-5th, 6th-8th, 9th-12th. The first place design from each category will receive a sign and rain barrel for their school, delivered in the Spring.



Kate Becker 3rd-5th grade winner in 2015 with coordinator Susie Brauns, Highland Elementary



## Project Learning Tree



**Project Learning Tree**® (PLT) is a collection of award winning, multi-disciplinary environmental education activity guides for educators and students in Pre K-grade 12. It is a program of the Sustainable Forest Initiative.



# usagain

use it again

**USAgain** has been providing people across the country an eco-friendly solution for ridding themselves of unwanted clothes and shoes., effectively diverting millions of pounds of textiles from landfills each year.

A bin is place in an unused area of the parking lot where community members can drop off their unwanted clothes and shoes. At least once per week, we collect the items and bring them to our area warehouse. USAgain redistributes the discarded gently-used clothes to places with great demand, supporting the local and global economy. Non-reusable clothes are recycled into insulation, rags, or are broken down to reclaimed fiber. USAgain collection bins generate revenue for your school as part of a nation-wide contest.



*Pictured to the right is Clay Smith, CHS Athletic Director, with two DIS students.*

In 2020 as part of an America Recycles Day Challenge, the students and staff at Dorris Intermediate in Collinsville IL promoted this collection with their community and was awarded the first place prize of \$2,500 in the nation-wide competition.

## Accepted Items

<b>Clothes</b>		T-Shirts, blouses, skirts, dresses, pants, sweaters, bras, coats, underwear, etc.	✓
<b>Footwear</b>		Gym shoes, boots, sandals, leather shoes, socks, etc.	✓
<b>Children's Clothing</b>		Pajamas, jeans, dresses, baby clothes, etc.	✓
<b>Accessories</b>		Hats, handbags, gloves, belts, scarves, backpacks, shawls, etc.	✓
<b>Linens, etc.</b>		Bedding (sheets, comforter, pillow cases), blankets, towels, drapes, etc.	✓



Everyone is affected when the air quality is unhealthy—especially older adults, children and teens, people with asthma or heart conditions, and those who work or exercise outdoors. The [Air Quality Flag Program](#) uses brightly colored flags to inform students and staff on the quality of air and when to do less intense activities outside, to take more breaks or move activities indoors. By typing in your zip code at

[www.airnow.gov/flag/whichflag](http://www.airnow.gov/flag/whichflag) you can view the air quality for the day and determine which color flag to fly at your school.

## How to participate-

### 1. Get your flags

Notify your county coordinator that you are interested in participating in this program for the year to get your set of flags ordered (supplies from the county are limited each year). Schools will be required to complete an online registration form through the [airnow.gov](http://airnow.gov) website.

### 2. Educate your students and staff on the program

You can access the Coordinator Handbook and Fact Sheet on the [airnow.gov](http://airnow.gov) website in addition to sample parent letters and emails that can be sent to school staff to tell others about the program. Air Quality Flag posters are also available to hang up in the school hallways to remind everyone what the colors mean.

### 3. Fly the day's flag

You can sign up for a daily email about the air quality forecast or you can download the Flag Program widget to your homepage.

### 4. Take actions when the air quality is unhealthy!

The [Airnow.gov](http://Airnow.gov) website includes activity guides on actions to take for each color.

### Which Flag Do I Fly?

Zip Code:

Imperial Valley	Imperial Valley
 <b>Today's Air Quality Forecast</b> 07/30/2015	 <b>Tomorrow's Air Quality Forecast</b> 07/31/2015
Ozone  Unhealthy for Sensitive Groups PM2.5  Moderate	Ozone  Moderate PM2.5  Good



# Tree-Plenish

From notes to homework to worksheets, schools consume a lot of paper. Tree-Plenish's mission is to create more sustainable schools by replenishing the environment with these lost resources. Through student-led events, Tree-Plenish is able to plant trees in the community based on approximations of school paper usage.



Tree-Plenish also believes there is power in community. Their platform gives student leaders the opportunity to harness this power and enact meaningful environmental change.

Trees play a vital role in our lives by providing us with air, filtering greenhouse gases from the atmosphere, and providing monetary value through increased property value and reduced energy usage. Through hosting tree-planting events, the goal is to raise awareness about the value of trees and contribute to maintaining a healthier environment.



## Become a Storm Smart School

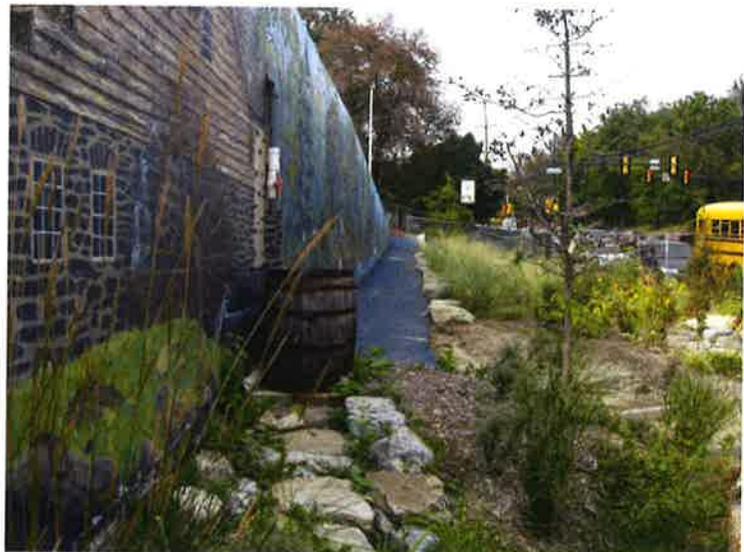


Stormwater management is essential for healthy communities. Without it, pollution enters local water bodies and the risk of flooding increases. Stormwater runoff is a leading cause of water pollution in urban and suburban areas and it presents many environmental, social, and economic challenges.

Schools play an essential role in public education, involvement, and outreach efforts in the community. Additionally, they provide the ability to combine environmental education with service-learning opportunities. Green Infrastructure provides many community benefits in addition to providing cost-effective and resilient approach to managing wet weather impacts.

**Green Infrastructure Practices for Schools to consider:** Permeable Pavements, Green Roofs, Rainwater Harvesting, Rain Gardens, Planter Boxes

June 2017 Issue of STORM SMART SCHOOLS: A Guide to Integrate Green Storm Water Infrastructure to Meet Regulatory Compliance and Promote Environmental Literacy.



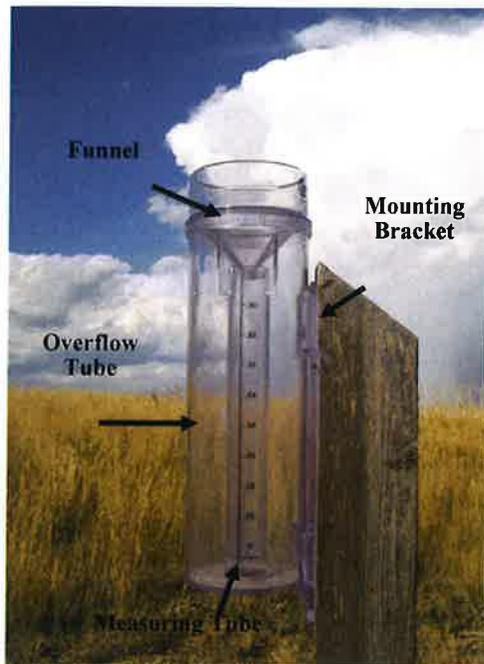
# Rain Gauge Program

Become a CoCoRaHS Observer at School! The [Community Collaborative Rain, Hail, and Snow](#) (CoCoRaHS) is a unique, non-profit, community-based network of volunteers of all ages and backgrounds working together to measure and map precipitation (rain, hail and snow). Developed in 1998 by the then Colorado State Climatologist Nolan Doesken and the Colorado Climate Center at Colorado State University, the network now includes



20,000 active volunteers in all 50 states, Canada, Puerto Rico, the U.S.

Virgin Islands and the Bahamas. Collectively, these volunteers log around 12,000 reports every day, using a simple manual rain gauge to capture the precipitation for each 24-hour period. The resultant data is made public immediately and is used by a wide range of people, including weather forecasters, hydrologists, water managers, researchers, farmers, and ranchers.



To participate in this program, school coordinators should notify the county coordinator to obtain a high capacity 4" rain gauge from CoCoRaHS. Schools are not expected to report everyday, but are encouraged to participate as much as they can.

Lesson plans built on citizen science are available for educators and parents through the CoCoRaHS website. These scientific activities for the classroom and at home are to be

used while collecting precipitation data for the CoCoRaHS network. Developed for a variety of grade levels, these lesson plans are built around CoCoRaHS's emphasis on measuring precipitation.



# Educational Resources for the Classroom

Listed below are FREE educational resources available to Madison county Green Schools. If you need resources specific to a topic not listed below, please contact your county coordinator.

**The Recycling Simplified Education Program** from Republic Services contains everything you need to teach your students about recycling. You'll find step-by-step lesson plans and supporting materials including activities, videos, student certificates, and handouts for students to bring home.

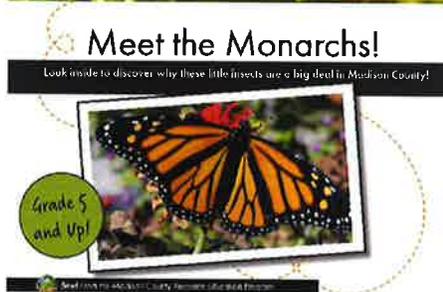


Lessons within each grade range build upon students' understanding and help them gain greater awareness of the broader environmental, sustainability, and societal issues related to recycling and its role in conserving natural resources. The lessons can be taught as a unit or individually – whatever fits best for your students and your curriculum. Download the full curriculum at [recyclingsimplified.com/for.educators](http://recyclingsimplified.com/for.educators)



In these **downloadable books**, educators can engage students with learning activities aligned with Next Generation Science standards.

- **Meet the Monarchs (grades 2-4)** this activity explores basic features and behavior of the Illinois state insect. This book includes a glossary, full-color photographs, engaging illustrations, as well as steps children can take to protect monarchs.
- **Meet the Monarchs (grades 5+)** this activity provides an in-depth look at the monarch butterfly and examines concepts such as structure and function, migration, and human-environment interactions. This activity also includes a short answer comprehension quiz and answer key.
- **Buzzing About Pollinators (grades 2-3)** this activity provides a complete look at the process of pollination-- how it happens, why it's important, and who does it. This extensive book includes a glossary, thirteen incredible images, a list of popular bee-pollinated foods, and links to online resources.



## Class Your Trash Activity

In this interactive activity, students will increase their awareness and understanding of waste reduction while interacting with one another to learn sorting techniques of every day items that they use. [Contact your County Coordinator](#) to get own activity today!



## Resources from NAAEE

The North American Association for Environmental Education is committed to using the power of education to advance environmental literacy and civic engagement to create a more equitable and sustainable future. Through signature programs, advocacy, conferences, and other activities, NAAEE works with partners, educators, and policymakers across North America and beyond to advance their mission. Check out the [Virtual Tours and Field Trips](#) available with NAAEE.



- [San Diego Zoo Cam](#)
- [Virtual Farm Tour](#)
- [Monterey Bay Aquarium Live Cams](#)
- [Cincinnati Zoo and Botanical Gardens](#)
- [Tour of Yellowstone National Park](#)

## Sustainability Training for Teachers hosted by Madison County

In this training for teachers (adapted to a virtual format in 2020), participants watched a series of pre-recorded videos presented by experts in their field who covered a range of topics related to school sustainability. Speakers in this training included:

**Bailey Lutz**, Madison County Green Schools Coordinator, discussed the Green Schools Program and funding opportunities with the Madison County Green Seed Grants.

**Lindsay Serrano**, Farm to School Coordinator with the Goshen Market, focused on school gardens.

**Chris Hartley**, Science Education Coordinator with the Butterfly House, discussed the diversity of native insect pollinators showing specimen's for illustrations, and demonstrated how to build a bee house.

**Jake Williams**, Associate Professor with SIUE's Department of Biological Sciences and member of SIUE's Beekeeping Association, covered pollinators and classroom activities.

**Crystal Stevens**, a local educator, herbalist, author, gardener and composting expert who focused on composting in the classroom and at home.



The goal of this training was to provide teachers with resources and ideas to help schools, students, and staff make sustainable choices. Teachers were also provided with a tool kit that included a variety of sustainable items to be used in the classroom as well as materials and books to support each of the speakers' presentations.

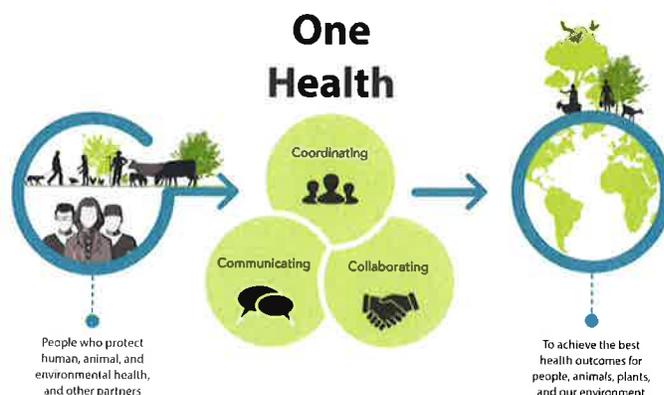


## The Sustainability Institute for Educators

This is a three day professional development opportunity for educators focused on the connection between sustainability issues and education.

### The 2021 Institute focus: The Interconnectedness of People, Animals, Plants in our Shared Environment

Recent events have illuminated the need to find solutions to the public health, environmental, and conservation challenges of the 21st century. The One Health Framework takes a collaborative and interdisciplinary approach to finding these solutions. One Health is not new, but it has become more important in recent years. This is because many factors have changed interactions between people, animals, plants, and our environment. Sessions will facilitate ways to incorporate this awareness in all levels of education and instruction.



The Sustainability Institute for Educators challenges participants to help learners build awareness, recognize responsibility, and take action as global citizens working to build a sustainable world. Held annually in June, the institute is designed for K-12 and informal educators from all roles and environments.

Annual scholarships are available to Madison County educators! Interested in learning more? [Webster.edu/education/sustainability-inst-educators.php](http://Webster.edu/education/sustainability-inst-educators.php)

## The Environmental Education Association of Illinois Annual Conference



In 1972 a group of committed and concerned citizens -- both conservationists and teachers -- founded the [Environmental Education Association of Illinois](#). Since that time, members of EEA have provided leadership on this front at the national, state and community levels. The strength of EEA comes from the involvement of its members. Their participation in state and

regional events raises the profile of environmental education and challenges decision-makers to give environmental literacy higher priority. EEA provides educators with many professional development opportunities throughout the year as well as networking events to connect with others around the state.



# Conduct a Student Food Waste Audit at your School!

On September 16, 2015, the U.S. Department of Agriculture (USDA) and U.S. Environmental Protection Agency (EPA) announced the United States' first-ever national food waste reduction goal, calling for a 50-percent reduction by 2030 . In our food system, there are many points at which food loss and waste are generated, including in schools and households.

The EPA's [\*Guide to Conducting Student Food Waste Audits\*](#) is intended to help educate students about the amount of food they waste in their school cafeterias and to encourage them to reduce waste and eat more of the nutritious foods provided through USDA's school meals programs or brought from home. To begin focusing on food waste in your school, students must first understand the scope of the problem.



- How much food or beverage items do they waste?
- Which types of foods are being wasted most?
- Why are students not eating particular food items?

Doing a student food waste audit in your school cafeteria will help answer all of those questions. After studying the audit data, students and schools can develop and implement food-waste reduction strategies that make the most sense for their particular situation. A follow-up food waste audit after the strategy has been fully implemented can reveal how successful a particular strategy or strategies were in reducing food waste. We encourage students to organize multiple food waste audits in a school year to engage each other in finding creative ways to make sure nutritious food ends up in hungry bellies and not into the trash can. The end of the guide provides a list of food-waste reduction strategies. Preventing food waste is not only the best way to make sure children eat healthy meals, but it is also the best way to reduce the damaging environmental impacts food waste has on our world.



31% of food at the consumer & retail level goes uneaten  
(Buzby et al.)



Only 24% of people say they are very knowledgeable about reducing food waste  
(John Hopkins Bloomberg School of Public Health)



Food waste is the single largest component of waste sent for disposal, much of which ends up in landfills, where it generates methane, a powerful greenhouse gas  
(U.S. Environmental Protection Agency)

# WORMS AT SCHOOL



## Are you interested in starting a worm composting bin at your school?

Contact your county coordinator to inquire about getting supplies for your classroom to start a vermi-composting bin. This is a new initiative in 2021-2022 and will be an effort to reduce food waste entering the landfill. It is recommended that schools start off with small scale composting in individual classrooms before implementing a larger scale cafeteria composting program. Supporting educational materials can be provided upon request in addition to classroom presentations by the Green Schools Coordinator.



For more information, visit the EPA's website, [How to Create and Maintain an Indoor Worm Composting Bin.](#)

## Green Seed Grants

The Madison County Green Seed Grant Program is designed to help private, public, and parochial schools meet objectives related to waste reduction and diversion, wise management of air, land, and water, and support of Madison County ecology.

Grant funds are awarded on a reimbursement basis and are not to exceed \$2,000. **Applications are due the second Friday in January** and grant funds must be spent with reimbursements requests be submitted by the first Friday in October that same year. The application can be found [HERE](#).

Grant proposals must include the following items: Completed application, background on proposed grant project, signed grant agreement, and supporting attachments.

### Eligible projects are those that seek to:

1. Reduce overall school waste.
2. Improve energy efficiency.
3. Enhance, improve, or preserve the quality of air, land, or water in and around school grounds.
4. Improve management of natural resources through stormwater management.
5. Support the health of Madison County ecology, natural spaces, and local flora and fauna.
6. Provide or enrich learning experiences for students as they relate to waste reduction, energy efficiency, natural resource management, as well as local ecology and nature.

Eligible expenditures include those for supplies and services such as recycling bins, tools, native plants, energy auditing equipment, speaker stipends, etc. Expenditures are not limited to the above list. Other projects not listed in the above categories will be reviewed on a case-by-case basis.



*Alton Middle School, 2020 Water Bottle Filling Station*

## Green Seed Grants Awarded in 2020

**Central Intermediate**– Water Bottle Filling Station  
**Dorris Intermediate**– Water Bottle Filling Station  
**East Elementary**– School Garden and Outdoor Classroom  
**East Alton Wood River High School**– Litter Clean Up  
**Highland Elementary**– Water Bottle Filling Station  
**Highland Middle**– Outdoor Classroom  
**Leclaire Elementary**– School Garden Expansion  
**Meadowbrook Intermediate**– Water Bottle Filling Station and Earth Day Activities  
**North Elementary**– STEM Courtyard  
**Summit Elementary**– School Garden  
**Trinity Lutheran**– Water Bottle Filling Station  
**William M. BeDell ARC**– Pollinator Garden  
**Alton High School**– Water Bottle Filling Station



To view the full grant application and grant requirements, please [contact your County Coordinator](#) or visit [madisoncountybz.com](http://madisoncountybz.com)



*Alhambra Primary, 2020 Tree Planting*

## End of Year Awards- Green Team of the Year

This award recognizes a school's Green Team who has demonstrated a commitment to organizing, managing, and/or leading sustainable activities for their school as part of the Madison County Green Schools Program. The team can be any combination of a principal, teacher(s), custodian(s), aide(s), student(s) or parent(s) who have the responsibility of carrying out the actual greening activities at any public, private or parochial school in Madison County. Please see the [award nomination form](#) for the full details and criteria. Nominations are due the **fourth Friday in April**.



The award consists of a \$500 stipend for the Green Teams School to spend on environmental-related programs.

Finalists are selected using the following criteria:

- Proven accomplishments and commitment to the Madison County Green Schools program.
- Working to create an overall sustainable environment within the school including, but not limited to good or innovative environmental, resource conservations, and sustainability practices. Common practices include improving energy efficiency, reducing waste, reducing water use, conserving habitat, responsible resource management, providing access to local food, reducing storm water runoff, improving water or air quality, incorporating sustainability practices and lessons within the classroom(s), or improving school/community/regional health or well-being.
- Demonstrates exceptional leadership qualities and provides a good example for others to follow. Demonstrates personal commitment to environmental principles.

### **2021 Green Team of the Year– Prather Elementary in Granite City, Illinois.**

Nominated by Allison Downing who serves as the school Coordinator for the Madison County Green Schools Program, the Prather Elementary Green Team works to encourage sustainable practices among the students and staff. The Green Team consists of Marvin Pellazari, Kenny Britt, Wayne Downing, Paula Ward, Lisa Mink, Dana Allen, Sarah Fernandez, and many of the kindergarten students at the school. Together, this Green Team works to provide opportunities to students and staff at the school centered on recycling, reusing, composting, air quality, and the importance of native pollinators. Through innovation and creativity, the Prather Elementary Green Team teaches students to think about sustainability as a lifestyle by considering their daily choices and how they impact the environment.

Allison Downing explains, “Every time I had an idea to create an activity to help our students learn about sustainability, the Green Team has been there to support the effort this year! Receiving this award will help to recognize all of the hard work and their dedication to Prather’s sustainable efforts. I want them to know how much their willingness to help means to me. I could not have done all of this without them!”



## End of Year Awards- Coordinator of the Year

This award recognizes a school's coordinator for the Green Schools Program who has demonstrated a commitment to organizing, managing, and leading environmental education-related activities as part of the Madison County Green Schools Program. Please see the [nomination form](#) for the full details and criteria. Nominations are due the **fourth Friday in April**.

The award consists of a \$500 stipend to the winning teacher in addition to a \$500 stipend to their school to be used on environmental-related programs. Applications will be reviewed by the Madison County Green Schools Coordinator and eligible applications will be judged by professionals in sustainability, education, and/or resource conservation fields.

Finalists are selected using the following criteria:

- Proven accomplishments and commitment to the Madison County Green Schools Program.
- Development of a school culture that promotes (but is not limited to) environmental education, conservation of resources and habitat, reduced energy expenditures, student experiences with and knowledge of the natural world, and general incorporation of sustainability-related practices into school routines and procedures.
- Demonstrates exceptional leadership qualities and provides positive examples for colleagues, staff, and students.

### **2021 Coordinator of the Year– Cassandra Payne from Meadowbrook Int. in Bethalto Illinois.**

Currently serving as the school coordinator at Meadowbrook Intermediate in Bethalto for the Madison County Green Schools Program, Cassandra Payne shows her passion for environmental education and her dedication to the efforts of the Green Schools Program. In 2006, Cassandra started in her role as the recycling coordinator at Bethalto West and later Meadowbrook Intermediate where she continues to promote the various recycling programs for students and staff. Because of her innovative ideas and commitment to her schools sustainability, the students and staff of Meadowbrook have many opportunities to reduce, reuse, and recycle. Mary Millitello who is a former staff member at Meadowbrook Intermediate explains, "Cassandra is an advocate for recycling, preservation and conservation of resources. She puts forth every effort to encourage students to participate in the recycling programs both at school and at home. Because of her dedication to our schools sustainability, I believe she is the perfect person to be named Coordinator of the Year."



## End of Year Survey and Celebration Kits

At the end of the school year, school coordinators are asked to report back in a survey their progress, accomplishments, challenges, and totals for collection programs based on their participation in the Green Schools Program. After completing the end of year survey, coordinators and schools are eligible for the competitions they chose to participate in as well as the end of year awards.



Sample questions in the end of year survey include:

- Please provide a brief narrative of how you promoted the Green Schools Program at your school and how you worked towards your sustainable goals.
- Please list any sustainability accomplishments.
- If you were awarded Green Seed Grant Funding in February, please provide a status update on your schools project.
- Were there any significant challenges your school faced with the program this year?
- Is there any way that the Green Schools Program could better support your efforts in the next year?

**The End of Year Celebration Kits** are offered to schools who enroll in the Green Schools Program and who fill out the end of year survey summarizing their accomplishments and results for the year. The 2020-2021 end of year celebration kit included:

- Tote bag made of recycled plastic bottles
- Solar Rover Kit
- Windmill Green Science Kit
- Trash bags and litter grabbers for a clean up
- Green Schools Program t-shirt, "Keep it Clean, Think Green"
- Reusable water bottle with Green Schools logo
- Dominos pizza gift card to celebrate with your green team
- Grade level appropriate book for your school
- Handouts and flyers including upcoming programs and opportunities
- Annual streamer showing the year that your school participated



The items in the End of Year Celebration Kits change from year to year but always include materials to support your schools sustainability efforts and help recognize the students and staff involved with your schools Green Team. Kits are typically available in April to either be picked up or dropped off after schools fill out their end of year survey.

# County-Wide Resource Management Efforts

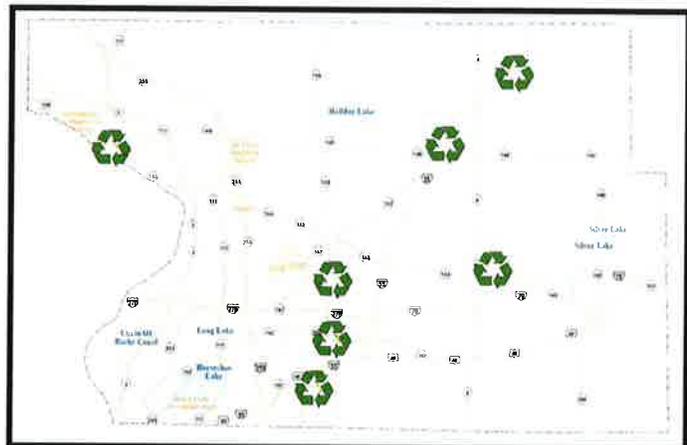
The [Recycling and Resource Management Program](#) works to improve the quality of life for Madison County residents, businesses, schools, and local governments through programs that foster healthy, resilient, connected communities. Madison County is a regional leader in recycling and resource management initiatives. Our innovative programs have received great success in recent years and we continue to build on them.



The program serves Madison County communities through a wide range of strategies that promote wise use of resources and awareness of solid waste-related issues and options. These practices result in healthier communities, reduced waste, and cost savings for all members of the county and metro-east region. This approach helps residents make informed choices that contribute to a greater quality of life for those who live and work in Madison County and serve to attract an increased number of potential new residents and businesses.

## Single Stream [Recycling Stations](#) can be found in the following locations:

1. **Edwardsville:** 2500 Troy Road, Home Depot parking lot, serviced Monday through Friday. NOTE: This container is not available on weekends and is removed from the location at 10 a.m. on Fridays.
2. **Alton:** 400 Piasa St., downtown Alton across from federal building, serviced Monday, Wednesday, and Friday.
3. **Collinsville:** 1600 Olive St, at Fletcher Field Parking Lot, serviced Monday, Wednesday, and Friday.
4. **Hamel:** 403 Old US Route 66, Located at the Township maintenance shed and Hamel Community Fire Protection District Office, serviced Mondays and Fridays.
5. **Marine:** 630 W Leopold St., Off Leopold, behind Marine Township Highway Garage, just past Vernon, serviced Mondays and Fridays.
6. **Maryville:** 8 Schiber Court, Off Vadalabene, by Drost Park, Public Works Department and Community Library, serviced Mondays and Thursdays.
7. **New Douglas:** 8363 East Frontage Road, Across I-55 from the Pink Elephant Antique Mall, off Alhambra Road, serviced Tuesdays.



# Madison County Clean Communities Initiative

As part of Madison County's [Building & Zoning Department](#), the Resource Management Program has designed new opportunities for Madison County citizens to help clean up their streets and neighborhoods. The [Clean Communities program](#) will now offer litter cleanup Tool Kits for free to any resident wanting to help keep Madison County beautiful.

Each kit will include:

- Litter Grabber
- Reflective Safety Vest
- Pair of Gloves
- 33 Gallon Trash Bags

Up to six (6) Tool Kits will be available for individual households and small groups.

Up to twenty-four (24) kits will be available for larger scheduled clean-ups and organizations. Requests for larger Tool Kits will require either:

Specific Clean-Up Dates or Location

A group/organization with plans for on-going community clean-ups.

Join our Facebook page [Madison County Clean Communities](#) to find clean up events going on in your area! In this group you can post pictures, testimonials, and encourage other volunteers to help our in the community.



## A Final Note From the Coordinator

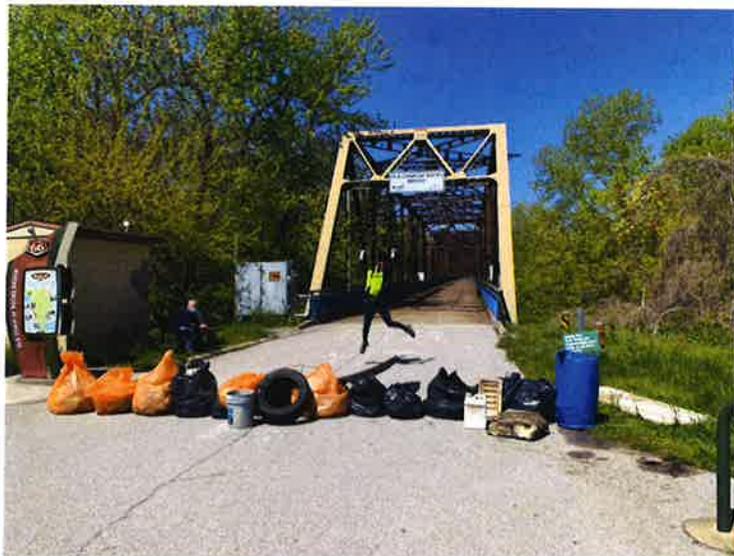
Whether you are new to the Green Schools Program or you have participated every year since it began in 1990, it is my hope that this Program Guide outlined the many opportunities available to Madison County schools and displayed the accomplishments of students and teachers in previous years. I plan to continue the work of my predecessors in addition to expanding the program to best fit the needs of teachers, students, and staff in Madison County schools.

In my role as the Green Schools Coordinator, I continuously encourage Madison County residents and schools find a balance between equity, the economy, and the environment. In doing this, we at Madison County are working to meet the needs of the present without compromising the ability of future generations to meet their own needs. Through the Green Schools Program specifically, and working directly with nearly 50 schools and teachers every year, I plan to increase the impact of this program by recruiting new schools to join the program in addition to introducing new programs every year. This school year I am really excited about the new competitions and collection programs we are introducing, such as the bread tag collection and the used shoe collection, to spark interest among the schools and teachers who have dedicated many years to participating in the program.

As always, I encourage you to [reach out to me](#) with any questions or concerns about the Green Schools Program.

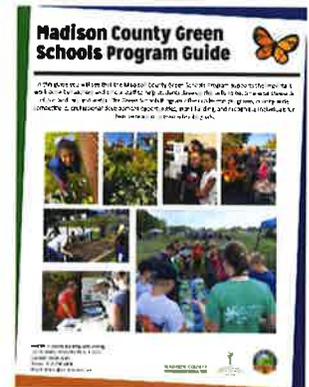
All the best,

*Bailey*



## Green Schools Program Overview 2021-2022

- We getting ready to wrap up our 31<sup>st</sup> year of the Green Schools Program. 38 schools participated.
- We just published the [Green Schools Program Guide](#) with information for teachers/schools as to what is involved with the program. It includes collection programs for schools, contests, county-wide competitions, professional development opportunities, and available grant funding.
- **Rain Barrel Design Contest** (submissions were due December 10<sup>th</sup> 2021)
- Rain barrels are a great way to conserve water and are completely free to use in your landscape. In this contest, students are challenged to create their own design for a rain barrel. This yearly contest is open to all Madison County students in kindergarten through grade 12 whose school is enrolled in the 2021-2022 Madison County Green Schools Program. Students are invited to design a rain barrel that illustrates the benefits of capturing and or reusing rainwater (rainscaping or rain water), such as erosion control, improved water quality, reduced flooding etc.
- **America Recycles Day Poster Contest** (submissions were due October 22<sup>nd</sup>, 2021)
  - The Madison County Green Schools Program invites students in grades K-12 within Madison County schools to illustrate their talent in this county-wide poster contest and to ‘think outside of the recycling bin’. America Recycles Day (November 15<sup>th</sup>) is a nationally-recognized event that promotes national awareness of recycling in the United States. Whether you are a student learning in the classroom or participating in virtual learning at home, we encourage you to participate in this contest and help Madison County residents think about their actions and how they impact the environment
- **iCompost Contest** (submissions due April 15<sup>th</sup>, 2022)
  - The NEW iCompost Contest encourages students to think about how to raise awareness to the act of composting. Students are challenged to design a poster OR video (depending on their grade level) that showcases the benefits of composting and encouraged others to start composting. Four winners will be selected and receive a backyard dual chamber composting tumbler.
  - The [Composting 101 flyer](#) is a great resource for students to review when working on their entries for the contest.
- **Clean Air Bookmark Competition** (submissions due March 31<sup>st</sup>, 2022)
  - This yearly contest is open to all Madison County students in kindergarten through grade 12. Students are invited to design a bookmark that demonstrates the importance of clean air and its impact on living things—people, plants, or animals--in Madison County. A panel of judges will select first place designs from each grade-level category. Winners receive a



2021 RAIN BARREL DESIGN CONTEST WINNERS  
 FIRST PLACE (ABOVE): SHAYANN HALL, ROXANA JUNIOR HIGH  
 SECOND PLACE (BELOW): WILLOW GROSS, ROXANA JUNIOR HIGH  
 THIRD PLACE (RIGHT): JESSICA MANDA, ROXANA JUNIOR HIGH



certificate, Kindle Paperwhite, and gift card. Winning bookmarks are printed with the winner's name, school, and design for distribution in each winner's school!

- Last years winners are pictured to the right with their entries, All students from Highland Primary (K-2 category)
- **PhotoVoice Competition** (submissions due March 31<sup>st</sup>, 2022)
  - The annual Madison County Green Schools Program Photovoice Competition is a way to make your voice heard through photography as you document the community's needs and resources from your own personal experience. Students should photograph a scene that represents their community or expresses their point of view as it relates to sustainability and the wise use of our land, air, or water.
- **Upcycling Innovation Challenge** (submissions due April 15<sup>th</sup>, 2022)
  - The Madison County Green Schools Program invites students in grades K-12 within Madison County schools to participate in the NEW Upcycling Innovation Challenge. **Upcycling is the act of creating a product from waste or unwanted items or adapting an existing product in a creative way to add value.** When items are upcycled, they reduce waste from going to the landfill and improve the efficiency of our resources.
- Green Seed Grant Funding for FY 22

School	District	Project	\$
St. Ambrose Catholic School	Private	Outdoor Classroom	\$1,502
South Primary	Roxana	Let's Do Something Drastic and Cut the Plastic	\$2,000
East Elementary	Alton	East Gardens/Outdoor Classroom	\$2,000
Meadowbrook Intermediate	Bethalto	Water Bottle Filling Station	\$2,000
Lincoln Middle	Edwardsville	School Garden Expansion	\$1,500
Highland Middle	Highland	Native Planting/Outdoor Classroom	\$2,000
Trinity Lutheran	Private	WBFS	\$2,000
Leclair Elementary	Edwardsville	Little Leopards Garden	\$905
Evangelical School	Private	Monarch Habitat	\$1,500
EAWR High	EAWR	Outdoor Classroom	\$1,936
Roxana High	Roxana	Environmental Improvement Project	\$2,000
Highland High School	Highland	Community Electronics Recycling Drive	\$2,000
			\$21,343

- Highland High School has already completed their grant project on 3/29/22- A Community Electronics Recycling and Used Oil Drive.



# 2021 America Recycles Day Poster Contest



The Madison County Green Schools Program invites students in grades K-12 within Madison County schools to illustrate their talent in this county-wide poster contest. America Recycles Day (November 15<sup>th</sup>) is a nationally-recognized event that promotes national awareness of recycling in the United States. We encourage students to participate in this contest and help Madison County residents think about their actions and how they impact the environment.

All entries must be received no later than 4:30 pm, **October 22nd, 2021**. Winners will be recognized on our Madison County Resource Management Facebook and Instagram pages. Winning posters will also be displayed in-person at the County Administration Building.

**THEME: Stick with the Six!** Students should illustrate the importance of recycling responsibly and only placing items in the recycling that belong in the bin! Although some schools have paper only recycling, **single stream** recycling is available in most homes and public areas within Madison County. This type of recycling involves only recycling the items illustrated below. If it's not on the list, it doesn't go in the bin. Students should design a poster encouraging Madison County residents to stick with the six when recycling items in a single-stream recycling bin.



## POSTER REQUIREMENTS

- The poster must be original artwork completed on white **8.5"x11"** paper and completed by a student in grades K-12 at a school in Madison County that is enrolled in the Madison County Green Schools Program.
- No copyrighted material, characters, companies, or computer graphics can be used.
- Any medium is allowed (paint, marker, crayon, colored pencil, etc.).
- Each student must submit the poster along with their entry form. Please use a paper clip to attach the poster to the entry form.

Learn more about the process of recycling by scanning this QR code with your smart phone!



## CATEGORIES AND PRIZES (VISA Gift Cards)

### K-2<sup>nd</sup> Grade

First Place- \$75  
Second Place- \$50  
Third Place- \$25

### 3<sup>rd</sup>-5<sup>th</sup> Grade

First Place- \$75  
Second Place- \$50  
Third Place- \$25

### 6<sup>th</sup>- 8<sup>th</sup> Grade

First Place- \$75  
Second Place- \$50  
Third Place- \$25

### 9<sup>th</sup>-12<sup>th</sup> Grade

First Place- \$75  
Second Place- \$50  
Third Place- \$25

**JUDGING PROCESS:** A panel of judges will select the 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place winners for each category. Winners will be notified by November 5th, 2021 via email of the school coordinator or parent email provided.

Each poster will be judged based on the following criteria:

Addresses the contest theme	Conveys a clear message	Creativity and Originality
Artistic quality	Appropriate dimensions	Entry form is included

# 2021 America Recycles Day Poster Contest

## Entry Form (attach to poster with paper clip)

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

Grade Level: \_\_\_\_\_

Teacher: \_\_\_\_\_

School: \_\_\_\_\_

School Coordinator: \_\_\_\_\_

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

Parent/Guardian Email (this will be used to contact the winners):

\_\_\_\_\_

I, \_\_\_\_\_, hereby certify that this poster was created by the student named above and is the student's original artwork. I understand that this poster becomes the property of Madison County and may be publicly displayed. I hereby give and grant Madison County free and unlimited right to use, distribute, and publish, for any and all news, trade, publicity, commercial or other advertising purposes, artwork submitted by the student named above for the 2021 America Recycles Day Poster Contest. The original poster may not be returned.

### **Please submit the completed poster and entry form to:**

Madison County Building and Zoning

ATTN: Bailey Lutz, Green Schools Coordinator

157 N. Main Street, Suite 254

Edwardsville IL, 62025

Office hours: Mon-Fri 8:30am-4:30pm

Phone: 618-296-4606

Email: [bnlutz@co.madison.il.us](mailto:bnlutz@co.madison.il.us)

## Madison County Green Schools Program

# 2021-2022 Green Seed Grants

As an initiative of the Madison County Building and Zoning Department, the Madison County Green Schools Program announces a request for proposals for school sustainability projects for the 2020-2021 school year. This grant program is designed to help private, public, and parochial schools meet objectives related to waste reduction and diversion, wise management of air, land, and water, and support of Madison County ecology.

### Green Seed Grant Details

Only Madison County, Illinois schools are eligible for the Green Seed Grant.

Completed applications are due by **4:30 pm on Friday, January 14th, 2022**

Requests may be in any amount, but may not exceed \$2,000.

Grant funds are awarded by reimbursement. No matching funds are required.

### Eligible Expenditures

Eligible projects include those that seek to:

1. Reduce overall school waste.
2. Improve energy efficiency.
3. Enhance, improve, or preserve the quality of air, land, or water in and around school grounds.
4. Improve management of natural resources through stormwater management.
5. Support the health of Madison County ecology, natural spaces, and local flora and fauna.
6. Provide or enrich learning experiences for students as they relate to waste reduction, energy efficiency, natural resource management, as well as local ecology and nature.

Eligible expenditures include those for supplies and services such as recycling bins, tools, native plants, energy auditing equipment, speaker stipends, etc. Expenditures are not limited to the above list. Other projects not listed in the above categories will be reviewed on a case-by-case basis.

**Ineligible expenditures** include transportation, mileage, lodging, food, and labor.

### Evaluation

To be eligible, the applying school must have completed this year's Needs and Interests Survey and must have completed the School Benchmarking Survey within the last five years. Madison County Building and Zoning will review all qualified complete proposals received by the deadline. If the total request for funding from all applicants exceeds the amount allocated for this grant program, applications will be approved based on each applicant's proposed effectiveness in promoting the Green Schools Program's objectives at his or her school. Previous successful grantees will be considered after all new applicants, based upon successful fulfillment of previous grants. Project proposals are submitted to the Madison County Building and Zoning and Grants Committees for review and approval. Madison County reserves the right to reject any and all proposals.

### Purchasing Requirements

Purchases must follow each school's or district's bid policy. Upon purchase of the equipment or services, copies of invoices, receipts, and all documentation of the purchase must be sent to the Madison County Building and Zoning Department, in care of the Green Schools Coordinator. **Failure to produce the above documentation will result in non-payment of grant funds.**

# MADISON COUNTY GREEN SCHOOLS PROGRAM

## 2022 Clean Air Bookmark Competition

This yearly contest is open to all Madison County students in kindergarten through grade 12. Students are invited to design a bookmark that demonstrates the importance of clean air and its impact on living things—people, plants, or animals—in Madison County. A panel of judges will select first place designs from each grade-level category. Winners receive a certificate, Kindle Paperwhite, and gift card. Winning bookmarks are printed with the winner's name, school, and design for distribution in each winner's school! The contest is divided into four categories, each with its own theme:

- Grades K-2: Keep our Air Clean!  
With words and/or images, students should think about how they help keep our air clean! They can use people, plants, bicycles, or animals as inspiration for their bookmark design.
- Grades 3-5: Air, Air, Everywhere!  
Students should think about where they spend a lot of their time and the importance of having clean air in that space, i.e. park, classroom, school, etc.
- Grades 6-8: Solution to Air Pollution!  
With words and images, students should focus on what they do as individuals to help keep our air clean. Create a message on your bookmark that encourages other to do the same!
- Grades 9-12: Transportation and Air Pollution!  
As a high school student, think about how you get from place to place. This category should focus transportation, i.e. biking, riding the bus, driving a car, walking, etc.

### Competition Rules:

1. The form included on the back of this page must be used for all entries. The form may be copied onto white paper.
2. Entries must be created in the form provided. You are encouraged to use the practice box to create a draft of your design.
3. Bookmarks should use a combination of words and/or short phrases and illustrations. All work must be original and no copyrighted images may be used.
4. Entrants must attend a Madison County school that is currently enrolled in the Madison County Green Schools Program. If your school is not currently enrolled, contact Coordinator Bailey at [bnlutz@co.madison.il.us](mailto:bnlutz@co.madison.il.us) for assistance with simple enrollment steps.
5. Participation indicates the entrant grants permission to Madison County to reproduce and publish artwork.
6. Selection of winners is at the sole discretion of the Madison County Green Schools Program.
7. Incomplete or illegible work will be disqualified.
8. Bookmarks may be oriented horizontally or vertically.

Madison County Green Schools Program 2021-2022  
**Clean Air Bookmark Competition**

Practice Form

Design for submission

Name: \_\_\_\_\_ Age: \_\_\_\_\_ Teacher's Name: \_\_\_\_\_

School: \_\_\_\_\_ City: \_\_\_\_\_

Grade/Category: K-2: Keep our Air Clean! 3-5: Air, Air, Everywhere!

6-8: Solution to Air Pollution! 9-12: Transportation and Air Pollution!

Entries must be postmarked by Friday, **March 31<sup>st</sup>, 2022**. Mail entries to:

**Bailey Lutz, Green Schools Coordinator  
157 North Main Street, Suite 254  
Edwardsville IL, 62025**

# NEW 2022 Upcycling Innovation Challenge

The Madison County Green Schools Program invites students in grades K-12 within Madison County schools to participate in the NEW Upcycling Innovation Challenge.

**Upcycling is the act of creating a product from waste or unwanted items or adapting an existing product in a creative way to add value.** When items are upcycled, they reduce waste from going to the landfill and improve the efficiency of our resources.



All entries and entry forms must be received no later than **4:00 pm, April 15<sup>th</sup>, 2022**. Entry forms can be mailed, dropped off in person, or submitted online via the link on the entry page. Winners will be recognized on our Madison County Resource Management Facebook page, Instagram, and website. Winning entries will also be displayed in-person at the County Administration Building.

## ENTRY REQUIREMENTS

- Entries must be completed by a student in grades K-12 at a school in Madison County currently enrolled in the Green Schools Program.
- No copyrighted material, characters, companies, or computer graphics can be used.
- Entry forms must include a list of the items used.
- Each student must submit a completed entry form along with a photo (up to three photos can be submitted with each entry). You should not include any faces in the photo submissions.
- There are no size restriction on entries, however the finished design should be able to be transported if selected as a winner to be displayed at the Madison County Administration Building.

## GRADE LEVEL CATEGORIES AND PRIZES (VISA Gift Cards)

### K-2<sup>nd</sup> Grade

First Place- \$125  
Second Place- \$100  
Third Place- \$75  
Fourth Place- \$50  
Fifth Place- \$25

### 3<sup>rd</sup>-5<sup>th</sup> Grade

First Place- \$125  
Second Place- \$100  
Third Place- \$75  
Fourth Place- \$50  
Fifth Place- \$25

### 6<sup>th</sup>- 8<sup>th</sup> Grade

First Place- \$125  
Second Place- \$100  
Third Place- \$75  
Fourth Place- \$50  
Fifth Place- \$25

### 9<sup>th</sup>-12<sup>th</sup> Grade

First Place- \$125  
Second Place- \$100  
Third Place- \$75  
Fourth Place- \$50  
Fifth Place- \$25

**JUDGING PROCESS:** A panel of judges will select the top five winners for each grade level category. Once selected, the top five winners of each category will be notified via the email provided on the entry form. The winners will be invited to have their entries displayed at the Madison County Administration Building.

Each entry will be judged based on the following criteria:

- Addresses the category theme
- Creativity
- Originality
- Entry form is complete



## Extra Resources and Ideas for Inspiration!

Check out this Pinterest Board for some inspirational ideas!

<https://www.pinterest.com/blutz2/upcycling-innovation-challenge/>

How to make a Candy Wrapper Purse

<https://www.youtube.com/watch?v=8of0x63XaD0>

Examples of Upcycling

<https://upcyclemystuff.com>

How to make a plastic bag basket

[https://www.instructables.com/Make-a-basket-out-of-plastic-bags/?utm\\_content=bufferda84&utm\\_medium=social&utm\\_source=pinterest.com&utm\\_campaign=buffer](https://www.instructables.com/Make-a-basket-out-of-plastic-bags/?utm_content=bufferda84&utm_medium=social&utm_source=pinterest.com&utm_campaign=buffer)



Not sure where to start?! Think about these themes for the challenge.

### ECO-FASHION

Think about items that you can wear or carry as an accessory. Examples would include a dress, shirt, vest, bow tie, purse, earrings, shoes, etc.

### AROUND THE HOUSE/SCHOOL

Think about things in your home or at school. Examples might include a flower pot, jump rope, bird house, bag, coasters, etc.

### ART

Not all master pieces are created with paint and a paint brush. Think about how you can use unwanted items to create a beautiful piece of art work.



# 2022 Upcycling Innovation Challenge Entry Form

(A separate sheet of paper can be used if needed for description/picture)

This form can be completed online at <https://www.surveymonkey.com/r/UpcyclingInnovationChallenge>



**Student Name:** \_\_\_\_\_

**School and Grade Level:** \_\_\_\_\_

**School Coordinator for the Green Schools Program:** \_\_\_\_\_

**Title of Entry:** \_\_\_\_\_

**Description** (include the use of the item and the items used to create it):

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**Pictures** (please submit up to three picture) of the entry can be submitted via email to [bnlutz@co.madison.il.us](mailto:bnlutz@co.madison.il.us) or printed and submitted with this form in person.

Parent/Guardian Email (used to contact the winners): \_\_\_\_\_

I, \_\_\_\_\_, hereby certify that this entry was created by the student named above and is the student's original work. I understand that this entry becomes the property of Madison County and may be publicly displayed. I hereby give and grant Madison County free and unlimited right to use, distribute, and publish, for any and all news, trade, publicity, commercial or other advertising purposes, artwork submitted by the student named above for the 2022 Upcycling Innovation Challenge.

**Please submit the completed entry form to:**

Madison County Building and Zoning

ATTN: Bailey Lutz, Green Schools Coordinator

157 N. Main Street, Suite 254, Edwardsville IL, 62025

**Phone:** 618-296-4606

**Office hours:** Mon-Fri 8:30am-4:30pm

**Email:** [bnlutz@co.madison.il.us](mailto:bnlutz@co.madison.il.us)



THE MADISON COUNTY GREEN SCHOOLS PROGRAM PRESENTS THE FIRST ANNUAL

# iCOMPOST CONTEST



Composting is the natural process of recycling organic matter, such as leaves and food scraps, into valuable fertilizer that can enrich soil and plants. Composting helps to save landfill space and lower your carbon footprint.

International Composting Awareness Week is May 1st-7th this year and we are celebrating with this annual contest open to all Madison County students in grades K-12th. Participating students must be enrolled at a 2022 Madison County Green School. Students should design a poster or video (based on their grade level outlined below) that showcases the benefits of composting. Winning students will receive a Dual Chamber Composting Tumbler.



## K-5th Grade

Students should design a poster that emphasizes the importance of composting as well as the benefits of composting. Designs should bring awareness to this important action and how it helps our environment.

- Students should complete the entry form and submit it along with their poster
- Posters should be designed on 8"x11" paper
- Use a combination of words and/or phrases
- Two winners will be selected, one K-2nd grade student AND one 3rd-5th grade student

## 6th-12 Grade

Students should create a video that emphasizes the importance of composting as well as the benefits of composting. Videos should bring awareness to this important action and how it helps our environment.

- The video should be between 30-60 seconds in length and should state their name, school, and grade level.
- Entry forms should be mailed or emailed
- Two winners will be selected; one 6th-8th grade student AND one 9th-12th grade student



- All entries must be received by no later than 4:00pm, April 22nd, 2022.
- A panel of judges, Building and Zoning staff will select the top winner from each category and the winners will be notified via the email provided on the entry form.
- All entries will be judged based on creativity and originality.
- Students must be enrolled at a participating 2022 Madison County Green School.
- All work must be original and no copyrighted images may be used.
- Entries without a completed entry form will not be judged.

Please view the Composting 101 flyer for tips and tricks on how to create and maintain a compost pile. You can also visit [epa.gov/recycle/composting-home](https://epa.gov/recycle/composting-home) for more composting information.





# iCOMPOST CONTEST

## Entry Form

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

**School:** \_\_\_\_\_

**Grade Level:** \_\_\_\_\_

**Title of Poster OR Video:** \_\_\_\_\_

**Teacher:** \_\_\_\_\_

### K-5th Grade

Posters along with entry forms should be mailed or dropped off to Bailey Lutz at the address listed below. Mailed entries should be mailed no later than April 22nd. Please paper clip (do not staple) the entry form to the poster.

### 6th-12 Grade

Videos should be emailed to Bailey Lutz at the email address below or can be sent via text message, 618-365-5098. Make sure to include the students name when submitting videos. Entry forms can be sent via email or mailed to the address below.

Parent/Guardian Email (used to contact the winners): \_\_\_\_\_

I, \_\_\_\_\_, hereby certify that this entry was created by the student named above and is the student's original work. I understand that this entry becomes the property of Madison County and may be publicly displayed. I hereby give and grant Madison County free and unlimited right to use, distribute, and publish, for any and all news, trade, publicity, commercial or other advertising purposes, artwork submitted by the student named above for the 2022 Compost Awareness Contest.

Please submit the completed entry form to:  
Madison County Building and Zoning  
ATTN: Bailey Lutz, Green Schools Coordinator  
157 N. Main Street, Suite 254, Edwardsville IL, 62025

Phone: 618-296-4606

Office hours: Mon-Fri 8:30am-4:30pm

Email: [bnlutz@co.madison.il.us](mailto:bnlutz@co.madison.il.us)



# MADISON COUNTY GREEN SCHOOLS PROGRAM

## 2022 PhotoVoice: Picture that Green! Competition

### Competition Summary

The annual Madison County Green Schools Program Photovoice Competition is a way to make your voice heard through photography as you document the community's needs and resources from your own personal experience. Students should photograph a scene that represents their community or expresses their point of view as it relates to sustainability and the wise use of our land, air, or water.

#### Photographs might include subjects such as:

- Human activities and habits that support or are possible because of healthy land, air, and water.
- Agricultural practices that support a healthy and thriving Madison County.
- Favorite places to explore outdoor Madison County, particularly those that might represent local plants, animals, or habitats that are carefully managed or conserved.

Single photos must be accompanied by a typed 4-5 sentence paragraph describing of the photograph, outlining what the image depicts and how it relates to sustainability/thoughtful management of our resources. Photos must be taken of subject matter within Madison County. **All submissions must be from students whose schools are currently enrolled in the Madison County Green Schools Program. If you are not currently enrolled, participation is simple. Please contact Program Coordinator Bailey Lutz at [bnlutz@co.madison.il.us](mailto:bnlutz@co.madison.il.us).**

#### Categories

6 <sup>th</sup> -8 <sup>th</sup> Grade Individual	9 <sup>th</sup> -12 <sup>th</sup> Grade Individual
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**Awards (one per category):** 1<sup>st</sup> Place = \$100, 2<sup>nd</sup> Place = \$75, 3<sup>rd</sup> Place = \$50

#### Eligibility

- Students must be currently attending 6<sup>th</sup>-12<sup>th</sup> grade at a public, private, or parochial school in Madison County.
- Participating students' schools must be enrolled in the Green Schools Program.
- All photographs must be taken within Madison County.
- Limit 2 entries per photographer. Each entry must be submitted separately.

#### Submission Requirements

- 1) All entries must have: A title AND a 4-5 sentence description that states what the photographer is depicting in their photograph.
- 2) Entry Requirements:
  - a. All entries must be submitted online at <https://www.surveymonkey.com/r/PhotoVoice2022>
  - b. Image must be no larger than 16MB.
  - c. Minor digital enhancements for cropping, red-eye removal, filters, and corrective functions are permitted, but images that have been judged to be altered in any significant manner will be disqualified.
  - d. No borders, frames, or backgrounds, watermarks, dates, or signatures may be placed on the photos.
  - e. Images must be entered in JPG format.
  - f. **No depiction of copyrighted materials, logos, or trademarks.**
- 3) All entries are due **March 31st, 2022 by 5:00 pm.**

Entrants grant permission to Madison County Government to reproduce images for exhibitions, Madison County Government publications, and promotional purposes. All reproductions will become the property of Madison County Government. All photographs utilized in Madison County Government productions will be properly credited to the appropriate person. Submission of the image(s) implies entrant's acceptance of all of the above conditions.

### **Evaluation Criteria**

Photos will be judged on criteria including, but not limited to:

1. Adherence to competition theme.
2. Evident connection between photo, title, and written essay
3. Originality and creativity
4. Visual interest and audience appeal
5. Sharpness and clarity of images
6. Composition, color, and lighting
7. Clarity of expression of written essay
8. Creativity
9. Overall Impact of photo and essay

# Helpful Hints

As you plan for your PhotoVoice entry, keeping the following tips in mind will increase your chance of creating a winning submission:

1. It's easy for judges (and other viewers) to spot the difference between a photograph that's been thought out and planned carefully, and one that was snapped without much forethought. Take your time to set up the shot and find the right angle and lighting. Snap several images and spend time reviewing them before selecting your submission. Ask others for their opinions and re-shoot if you need to.
2. While candid, in-the-moment photographs of living things can make for stunning images, make sure that your essay reflects thoughtfulness and demonstrates a strong connection to your photograph. Beautiful photographs that are accompanied by weak or vague explanations won't be scored as highly as submissions with strong essays.
3. Think about your title. Just like a good photograph, the details of your submission make a difference. Your title is an opportunity to show humor, cleverness, or help your audience connect to your work.
4. Consider what moves you. You may want to take some time reviewing other award-winning photographs (try [www.nikon-photocontest.com](http://www.nikon-photocontest.com)) and take note of what captures your attention. Chances are, something that "wows" you will get a similar reaction from your audience once you're behind the camera.
5. Think first. Ellie Bozarth, the 2017 first place PhotoVoice winner, took time to consider the concept of resource management and what sustainability means to her *before* taking photographs. Ellie thought about her own interests and connections to sustainability and how it relates to Madison County. The result was a fantastic photograph of a local honey-producer's bees and an essay that showed thoughtfulness, planning, and personal connections.

**Questions?** Contact Bailey Lutz, Madison County Green Schools Coordinator; [bnlutz@co.madison.il.us](mailto:bnlutz@co.madison.il.us)

EXHIBIT B.6/F.1-A

**Madison County MS4 Co-Permittee Group  
2021-2022 Quarterly Meeting Agendas**

## **AGENDA**

**MS4 (Quarterly) Co-Permittee Group Meeting**

**March 9, 2021 9:00AM**

**Go-To-Meeting**

### **Connecting to Meeting:**

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/912093197>

You can also dial in using your phone.

(For supported devices, tap a one-touch number below to join instantly)

United States: **+1 (646) 749-3122**

One-touch: <tel:+16467493122,,912093197#>

**Access Code:** 912-093-197

### **Introductions**

Tony Schenk– Gonzalez Companies

Tammy Mezo – Gonzalez Companies

Ed Nelson – ASP Enterprises

### **EMA Updates** - Tony Falconio

Tis the Season

### **Watershed Plans Update** – Tyler Burk (Heartlands Conservancy)

1. Highland Silver Lake Watershed
2. Canteen/Cahokia Creek Watershed
3. American Bottoms Watershed
4. Wood River and Piasa Creek Watersheds
5. Indian/Cahokia Creek Watershed
6. Portage de Sioux Watershed

### **MS4 Audits Scheduled FY2021** - Me

7. City of Collinsville - Completed
8. City of Edwardsville
9. Village of Bethalto
10. City of Troy
11. Wood River Township
12. Moro Township
13. Madison County
14. SIUE

### **Sustainability & Green Schools** - Brandon, Bailey and Andi

15. Mississippi River Cities & Towns Initiative (MRCTI)
16. HHW Collection
17. E-Cycling Collections
18. Sustainability Grant

### **Discussion Topics**

19. Annual Report – Tony & Tammy
20. Notice of Intent (MS4 ILR40 Permits) – Tony

### **Presentation** – Ed Nelson

21. Review of Dakota Pipeline slope repair projects.

**Planning Ahead** - Next Meeting: Wednesday June 9, 2021 at 9AM

## AGENDA

**MS4 (Quarterly) Co-Permittee Group Meeting**

**June 9, 2021 9:00AM**

**Madison County Board Room**

**157 N. Main Street, Suite 203**

**Edwardsville, IL. 62025**

### Introductions

Tony Schenk– Gonzalez Companies

Tammy Mezo – Gonzalez Companies

### EMA Updates

Hazardous Chemical Leak – Wood River/Hartford

### Watershed Plans Update – Tyler Burk (Heartlands Conservancy)

1. Highland Silver Lake Watershed
2. Canteen/Cahokia Creek Watershed
3. American Bottoms Watershed
4. Wood River and Piasa Creek Watersheds
5. Indian/Cahokia Creek Watershed
6. Portage de Sioux Watershed

### MS4 Audits Scheduled FY2021 - Me

7. City of Collinsville - Completed
8. City of Edwardsville – Completed
9. SIUE - Completed
10. Madison County - Completed
11. Village of Bethalto
12. City of Troy
13. Wood River Township
14. Moro Township

### Sustainability & Green Schools - Bailey

15. Mississippi River Cities & Towns Initiative (MRCTI)
16. Community Clean-ups
17. E-Cycling Collections
18. Sustainability Grant
19. Tire Collection
20. HHW

### Discussion Topics

21. Recap on Annual Report – Tony & Tammy
22. Notice of Intent New 5 Year Permit (ILR40 Permits) – Tony

### Presentation

23. June Newsletter – Discussion/Suggestions
24. Illicit Discharge Detection & Elimination/Dry Weather Screening
25. Construction Site Runoff Control

### Planning Ahead

Next Meeting: Wednesday September 8, 2021 at 9AM

# **AGENDA**

## **MS4 (Quarterly) Co-Permittee Group Meeting**

**September 8, 2021 9:00AM**

**Madison County Board Room**

**157 N. Main Street, Suite 203**

**Edwardsville, IL. 62025**

### **Introductions**

Tony Schenk– Gonzalez Companies  
Tammy Mezo – Gonzalez Companies  
Mary K. Brown – EMA

### **EMA Updates**

Grant Programs Available

### **Watershed Plans Update** – Tyler Burk (Heartlands Conservancy)

1. Highland Silver Lake Watershed
2. Canteen/Cahokia Creek Watershed
3. American Bottoms Watershed
4. Wood River and Piasa Creek Watersheds
5. Indian/Cahokia Creek Watershed
6. Portage de Sioux Watershed

### **MS4 Audits Proposed Scheduled FY2022 - Me**

7. Village of East Alton
8. Village of Glen Carbon
9. Village of Godfrey
10. Granite City
11. Village of Hartford
12. Village of South Roxana
13. Nameoki Township
14. Fort Russell Township

### **Resource Management - Brandon**

15. Updates - separate handout for details

### **Green Schools- Bailey**

16. Updates on recent changes

### **Discussion Topics**

17. July Newsletter – updates & suggestions
18. Notice of Intent FY2021-26 Permits (ILR40 Permits) – Tammy
19. Stormwater Brochures

### **Presentation**

20. Outfall mapping locations

### **Planning Ahead**

Next Meeting: Wednesday December 8, 2021 at 9AM

# **AGENDA**

**MS4 (Quarterly) Co-Permittee Group Meeting**  
**December 15, 2021 9:00AM**  
**Madison County Board Room**  
**157 N. Main Street, Suite 203**  
**Edwardsville, IL. 62025**

## **Introductions**

Tony Schenk– Gonzalez Companies  
Jennifer Reiman-Heartlands Conservancy

## **EMA Updates**

### **Watershed Plans Update** – (Heartlands Conservancy)

1. Highland Silver Lake Watershed (Revised) – In Progress
2. Canteen/Cahokia Creek Watershed - Completed
3. American Bottoms Watershed - Completed
4. Wood River and Piasa Creek Watersheds – Completed (Executive Summaries)
5. Indian/Cahokia Creek Watershed – 319 Grant
6. Portage de Sioux Watershed – In Progress

### **MS4 Audits Proposed Schedule FY2022** - Me

7. Village of East Alton
8. Village of Glen Carbon
9. Village of Godfrey
10. Granite City
11. Village of Hartford
12. Village of South Roxana
13. Nameoki Township - Completed
14. Fort Russell Township – Completed

### **Stormwater Management** – Steve

15. Ordinance Update (Stormwater)

### **Resource Management** - Brandon

16. Tire Collection
17. E-Cycling Events
18. HHW Collections

### **Green Schools** - Bailey

19. Updates

### **Discussion Topics**

20. December Newsletter – updates & suggestions
21. Outfall Mapping – Jennifer
22. Stormwater Brochures Update
23. Dry Weather Sampling

### **Presentation**

24. New General Permit - Tony

### **Planning Ahead**

Next Meeting: Wednesday March 16, 2022 at 9AM  
Meeting Schedule FY2022

EXHIBIT B.6/F.1-B

**Madison County MS4 Co-Permittee Group  
2021 Quarterly Newsletters**

# MADISON COUNTY MS4 CO-PERMITTEE GROUP NEWSLETTER

MARCH 2021



## 2021 EVENTS OVERVIEW

**HOUSEHOLD WASTE  
COLLECTIONS**  
PERMANENT SITE  
COMING SOON

**GREEN SCHOOL  
INITIATIVE**  
ENROLLED 35  
SCHOOLS

## UPCOMING EVENTS APRIL-JUNE

**MISSISSIPPI RIVER  
CITIES & TOWNS  
INITIATIVE**  
APRIL 3, 7 & 10.  
WWW.MRCTI.ORG

**SHRED IT DAY!**  
APRIL 10  
9:30-11:30  
GODFREY VILLAGE  
HALL

**ELECTRONICS  
RECYCLING  
COLLECTIONS**  
APRIL 10 & JUNE 12  
8:00-2:30  
CJD E-CYCLING  
5257 N. STATE RT. 157  
EDWARDSVILLE  
BY APPT. ONLY  
618-296-6647

**MADISON COUNTY  
EMERGENCY  
MANAGEMENT  
SANDBAG TRAINING**  
MARCH 26, 2021  
9:00 A.M.  
RESCHEDULED TBD

## SPRING FLOOD OUTLOOK

### Spring Flood Outlook At a Glance

The "Probabilistic Hydrologic Outlook," published this month by the National Weather Service (NWS), indicated "Minor flooding likely along the Mississippi, Missouri, and Illinois Rivers...Most local streams have a near normal flood risk this spring."

The statistics are based on 30 to 60+ years of historical rainfall and stream crests, as well as other contributing factors.

**NWS indicates that more or less than normal rainfall could affect the individual forecast locations**

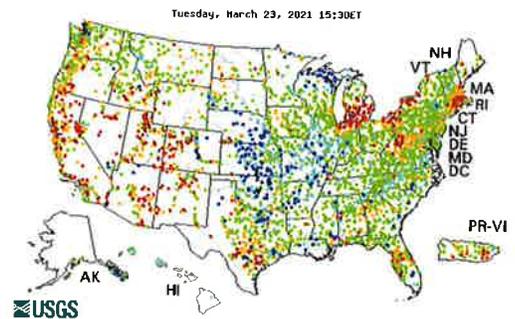
### Contributing Factors & Observations

#### Snow Water Equivalent

Snowpack across the upper Midwest and northern Plains states have mostly melted into runoff the past two weeks. The Plains states north through the Dakotas are essentially snow-free, except for a band of new snow cover extending from western South Dakota and western Nebraska into central Minnesota.

#### Streamflow Analysis

The Mississippi and Illinois rivers are experiencing near normal streamflow for this time of year, while flows along the Missouri River are now below normal streamflow. This is providing a low to average starting point for these rivers to accept future runoff.



#### Soil Moisture Percentile

Soils have dried out considerably across the upper Midwest since last summer, while local areas have near to below normal soil moisture. Drier soils are the rule from Minnesota and the Dakotas through northern Kansas. This will provide the upper Mississippi River and middle Missouri River basins with additional storage, which acts as a deterrent to flooding.

#### 30-90 Day Precipitation Outlook

Based on the anticipated precipitation outlook, minor flooding remains likely along local rivers and streams.

#### 30-90 Day Temperature Outlook

Climate Prediction Center calls for below normal temperatures throughout the bi-state region in the near term. The extended forecast shows temperatures should warm to near or above normal and within 3 months, temperatures are expected to be above normal throughout the St. Louis service area.

Note: Information in this article was taken from the National Weather Service. For more information visit: <https://www.weather.gov/lx/springfloodoutlook>

# SPOTLIGHT SEGMENT

## Spring Best Management Practices & Stormwater

Spring is a time to begin thinking about lawn care and home improvement projects. If done properly, your normal routines and maintenance can actually improve the quality waterways by minimizing pollutants in stormwater runoff.



### Natural Lawn Care

Natural lawn care practices can begin in the spring with an inexpensive soil test to determine what—if any—nutrients your lawn needs. In addition, spring is the time to get in the habit of allowing your grass to grow 3 inches before mowing. This improves its health by allowing roots to grow longer, which also helps to remove pollutants from runoff. Also, remember—do not dump your lawn clippings into waterways!

### Green Infrastructure

Spring is also an excellent time to begin thinking about growing gardens, specifically rain gardens with deep-rooted native plants to filter pollutants from stormwater runoff. Rainwater harvesting is also a popular technique to capture and store stormwater for later use, such as lawn irrigation. This can be accomplished with a simple rain barrel or an intricate underground system.

## Quarterly Meeting Review

A featured topic during the March Quarterly Meeting was ILR 40 Permit Changes and information regarding the MS4 Program's Notice of Intent (NOI). The upcoming due date (5/31/21) for the Co-Permittees Annual Report was also discussed. Each of these items are being prepared by Engineering Consultant, Gonzalez Companies, LLC.

- Scourlok—Slope Stabilizing Baskets
- Armomax— Slope Stability Mats
- Flexterra-High Performance Growth Media
- Geoweb—Vegetated Slope Stability
- **Next Meeting June 9, 2021**

Also present at the meeting was guest speaker Ed Nelson with ASP Enterprises. Ed provided a presentation show casing several case studies, which provided the Co-Permittee Group attendees food for thought when faced with slope stability and bank erosion issues. Ed provided the benefits, constructability consideration and cost information on several products available through ASP. The various products show cased during Ed's presentation included:



**ASP**  
ENTERPRISES

CO-PERMITTEE  
GROUP  
LEADERSHIP

MADISON COUNTY  
BUILDING &  
ZONING

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Edwardsville, IL 62025  
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*Stormwater Coordinator*  
Phone: 618.296.4665  
[sdbrendel@co.madison.il.us](mailto:sdbrendel@co.madison.il.us)

GONZALEZ  
COMPANIES,  
LLC

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# MADISON COUNTY MS4 CO-PERMITTEE GROUP NEWSLETTER

SUMMER 2021



## UPCOMING EVENTS

**HOUSEHOLD WASTE  
COLLECTIONS:**  
PERMANENT SITE  
COMING SOON

**ELECTRONICS  
RECYCLING  
COLLECTIONS:**  
CJD E-CYCLING  
5257 IL ROUTE 157,  
EDWARDSVILLE  
SEPT. 11 & OCT. 9

**TIRE COLLECTION:**  
EVENT TBD DURING  
FALL 2021

## PAST EVENTS AND NOTABLES

**MISSISSIPPI RIVER  
PLASTIC  
POLLUTION  
COMPETITION:**  
1ST - HAMEL ELEM.  
2ND - HIGHLAND H.S.  
3RD - WOODLAND ELEM.

**LITTER CLEAN UP  
KITS:**  
SINCE MARCH 2021  
1,234 CLEAN UP KITS  
DISTRIBUTED IN  
MADISON COUNTY

## GREEN SCHOOLS PROGRAM:

30TH ANNIVERSARY

13 GREEN SEED  
GRANTS AWARDED  
TOTALING \$222,775

## GREEN INFRASTRUCTURE BMPs

### What is Green Infrastructure?

Green infrastructure is a cost-effective, resilient approach to managing wet weather impacts that provides many community benefits. While single-purpose gray stormwater infrastructure—conventional piped drainage and water treatment systems—are designed to move urban stormwater away from the built environment, green infrastructure reduces and treats stormwater at its source while delivering environmental, social, and economic benefits.



Stormwater runoff is a major cause of water pollution in urban areas. When rain falls on our roofs, streets, and parking lots in cities and their suburbs, the water cannot soak into the ground as it should. Stormwater drains through gutters, storm sewers, and other engineered collection systems and is discharged into nearby water bodies. The stormwater runoff carries trash, bacteria, heavy metals, and other pollutants from the urban landscape. Higher flows resulting from heavy rains also can cause erosion and flooding in urban streams, damaging habitat, property, and infrastructure.

When rain falls in natural, undeveloped areas, the water is absorbed and filtered by soil and plants. Stormwater runoff is cleaner and less of a problem. Green infrastructure uses vegetation, soils, and other elements and practices to restore some of the natural processes required to manage water and create healthier urban environments. At the city or county scale, green infrastructure is a patchwork of natural areas that provides habitat, flood protection, cleaner air, and cleaner water. At the neighborhood or site scale, stormwater management systems that mimic nature soak up and store water.

Green infrastructure elements that can be woven into a community, from small-scale elements integrated into individual sites to larger scale elements spanning entire watersheds include:

- Downspout Disconnection
- Rainwater Harvesting
- Rain Gardens
- Planter Boxes
- Bioswales
- Permeable Pavements
- Green Streets and Alleys
- Green Parking
- Green Roofs
- Urban Tree Canopy
- Land Conservation

More information on these Green Infrastructure elements can be found on EPA's Website: [What is Green Infrastructure?](#) | [Green Infrastructure](#) | [US EPA](#)

**CO-PERMITTEE  
GROUP  
LEADERSHIP**

**MADISON COUNTY  
BUILDING &  
ZONING**

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# SPOTLIGHT SEGMENT

## 319 Grants Now Available!

The 319 Grant Program is made available by the federal government to help landowners pay for projects that will reduce pollution going into streams and rivers. Program participants can include personal landowners, businesses, local governments and non-profits.

These participants will be reimbursed for 50% of their construction costs after project completion. Potential projects include things like: Grassed waterways, Rain gardens, Bioswales (pictured), Urban tree planting (pictured), Sediment control basins, Ponds, Wetland restoration, Streambank stabilization and Porous pavement.



For more information about the 319 Grant Program Contact:  
Tyler Burk with Heartlands Conservancy at: 618-566-4451 ext. 25 or by email at: [tyler.burk@heartlandsconservancy.org](mailto:tyler.burk@heartlandsconservancy.org)

## Quarterly Meeting Review

A featured topic during the June Quarterly Meeting was ILR 40 Permit Changes and information regarding the MS4 Program's Notice of Intent (NOI). The upcoming due date for submittal of the NOI is July 31, 2021 for the Co-Permittees. Engineering Consultant, Gonzalez Companies, LLC in cooperation with Madison County will be preparing, updating, and submitting the NOI for the group.

Also presented at the meeting was the concept of "dry weather screen". Dry weather screen is a method of storm water inspection for Illicit Discharge Detection & Elimination. Despite the name of the storm water inspection, this inspection still involves taking water samples; However, the methodology of dry weather sampling focuses the inspection of storm water outfalls during

periods when storms have not produced significant runoff for at least 72 hrs.

One of the benefits of dry weather screening is that this type of inspection can identify pollutants that may not be as visible during rain events due to the pollutants getting washed down stream.

**Next Meeting September 8, 2021**



# MADISON COUNTY MS4 CO-PERMITTEE GROUP NEWSLETTER

SEPTEMBER 2021



## UPCOMING EVENTS

**HOUSEHOLD WASTE  
COLLECTIONS:**  
PERMANENT SITE  
OPENING NOV. 2021  
1ST SATURDAY AND  
3RD FRIDAY OF  
EVERY MONTH

**ELECTRONICS  
RECYCLING  
COLLECTIONS:**  
CJD E-CYCLING  
5257 IL ROUTE 157,  
EDWARDSVILLE  
OCT. 9

**TIRE COLLECTION:**  
OCT. 7 & 8  
10241 FRUIT ROAD,  
ALHAMBRA, IL

## ENVIRONMENTAL GRANTS

**10 GRANTS AWARDED  
TO LOCAL  
MUNICIPALITIES  
TOTALING +\$137,000**

**FY 2022 APPLICA-  
TIONS COMING IN  
DECEMBER**

## MADISON COUNTY STORMWATER

**NEW STORMWATER  
BROCHURES  
AVAILABLE NOW!**

**WWW.MADISON**

## STORMWATER HOTLINE

Madison County staff regularly receives complaints about flooding and drainage problems, particularly after heavy rains events. Upon request, staff will visit the site, review the cause of the problem, and then determine what steps, if any, can be taken.

If the issue involves right-of-way or publicly owned and maintained improvements, staff will work with the applicable municipality or township to address the issue. If an issue is caused by an active construction site, inspectors will address the issue with the developer or contractor.

Most complaints, however, are private matters, which need to be addressed by individual homeowners or the subdivision Home Owners Association (HOA) if maintenance responsibilities are spelled out in the covenants.

In many cases, flooding is caused by open channels that have been blocked or have not been maintained over many years, and as a result, low-lying property begins to flood. While most channels along streets and



other right-of-way are the responsibility of the township or highway department, channels in the rear or side yards are typically privately owned and maintained. In these cases, the "Illinois Drainage Act" provides the best course of action and should be consulted - [drainage law.pdf \(illinois.edu\)](#)

Even though the stormwater program has a limited role in addressing most issues/ complaints, it's beneficial for the stormwater staff to track the complaint so that it can be used for planning and could play a role in justifying future capital improvement projects.

If you have a flooding or drainage complaint, please call the Stormwater Hot Line at (618) 296-7788.

**CO-PERMITTEE  
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# SPOTLIGHT SEGMENT

## Fall Best Management Practices

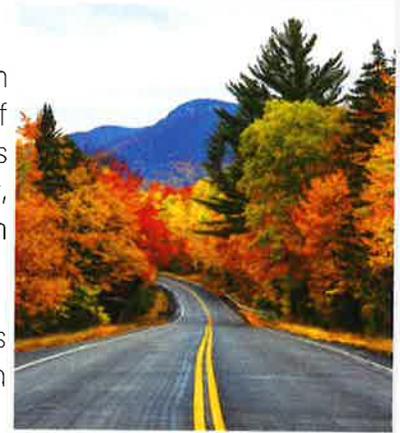
In autumn, leaves are often blown or swept into storm drains and waterways and can become a source of water pollution. Once they reach waterways, leaves decompose and release phosphorous into the water, which can result in algae blooms and decreased oxygen for fish.

However, pollutants are not the only problem. Leaves can also build up along curbs, gutters, and storm drains, which can lead to localized flooding.

### Fall Best Practices

To reduce flooding situations and phosphorous levels in waterways, consider utilizing a bagged leaf collection or removal service. You might also consider using leaves in mulch or compost.

While the organic debris is not ideal for aquatic life, composted leaves are an excellent resource for fertilizing your garden in the summer months. It provides necessary nutrients, while also reducing the need for chemical fertilizers.



## Quarterly Meeting Review

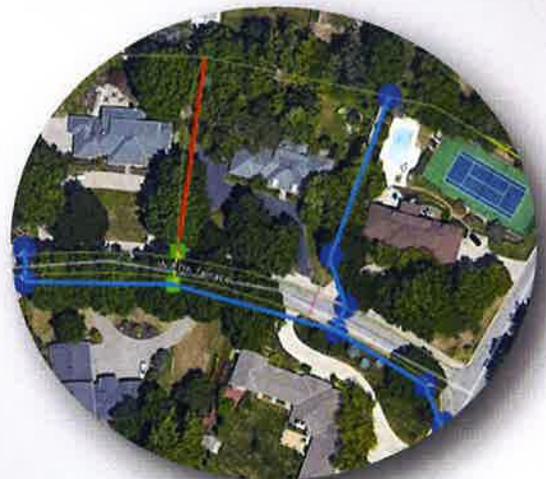
A featured topic during the September Quarterly Meeting was a discussion on Municipal Stormwater Mapping. Stormwater Mapping is a requirement of the MS4 Co-Permittee's ILR40 Permit.

Per the permit, MS4's are required to develop a map showing the location of all outfalls and the names of all water that receives discharge from those outfalls. Engineering Consultant, Gonzalez Companies, LLC in cooperation with Madison County will continue to develop best management practices and coordinate with the municipalities to produce a comprehensive map.

Also present at the meeting was Mary K. Brown with Emergency Management Agency. Mary provided information about available grant programs through IEMA for Hazard Mitigation and Flood Mitigation Assistance.

Tyler Burk with Heartlands Conservancy provided information about the current status of the Watershed Plans and available Environmental Grants.

Bailey Lutz was also in attendance and provided an update on the Green Schools Program, which began its 30th year.



**Next Meeting December 8, 2021**

# MADISON COUNTY MS4 CO-PERMITTEE GROUP NEWSLETTER

DECEMBER 2021



## PAST EVENTS REVIEW OF 2021

**HOUSEHOLD WASTE  
COLLECTIONS:**  
PERMANENT SITE  
OPENED NOV. 2021  
NOW OPEN TWICE  
EACH MONTH  
SIGN UP AT:  
[HTTPS://RECYCLE  
RESPONSIBLY.AS.ME/  
HHWASTE](https://recycle.responsibly.as.me/hhwaste)

**ELECTRONICS  
RECYCLING  
COLLECTIONS:**  
COLLECTED 129.4 TONS

**TIRE COLLECTION:**  
81.5 TONS COLLECTED  
UP 20% FROM 2020

## ENVIRONMENTAL GRANT SCHEDULE

DECEMBER 2021  
GRANTS ANNOUNCED

JANUARY 28, 2022  
GRANTS DUE

MARCH 2022  
GRANT APPLICANT  
NOTIFIED

OCTOBER 21, 2022  
REIMBURSEMENT  
DEADLINE

## RESOURCE MANAGEMENT UPDATES

[WWW.MADISON  
COUNTYBZ.COM](http://WWW.MADISON<br/>COUNTYBZ.COM)

## REDUCING ROAD SALT USE

Road salt is used in the winter to melt snow, sleet, and ice on roads, sidewalks, and parking lots. While effective at improving road conditions, salt use is a problem for many reasons:

- Damages roads, bridges, and automobiles.
- Toxic to plants including lawns, landscape plants, and street trees, as well as freshwater fish and other animals
- Salt accumulates in groundwater and other drinking water sources.

Several best management practices (BMPs) may be used to cut salt application during winter storms.

Reduction in application can be accomplished by adjusting equipment and application rates based on pavement temperature, accounting for vehicle speed, and using brine pre-treatment. The brine pre-treatment uses the same salt, but it is dissolved in water and is spread on roads in advance of the forecasted storm, allowing a salt reduction of 25-75%.

There are many potential advantages, both economic and



environmental, to using brine as an anti-icing agent. Less salt is used which saves money, decreases damage to roads and cars, reduces impacts to aquatic life, and improves public safety.

Uncovered salt piles can waste materials and money as well as increasing chloride in nearby streams.

### Individual Responsibility:

We can all do something to reduce chloride pollution.

Avoid using salt on your property. Shovel first and use sand as needed or just wait a day - the snow will probably melt.

Talk to your neighbors about road salt, especially schools, churches, and businesses that salt their parking lots and walkways.

Source: Dane I l e H a a k e  
S a i n t L o u i s U n i v e r s i t y

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LEADERSHIP**

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**RESOURCE  
MANAGEMENT  
COORDINATOR**

BRANDON BANKS  
*Madison County*  
[blbanks@co.madison.il.us](mailto:blbanks@co.madison.il.us)

# SPOTLIGHT SEGMENT

## Madison County Christmas Tree Dropoff

The 2021-2022 Christmas Tree Recycling Program sponsored by a number of municipalities groups organized and promoted by Madison Co. Recycling & Resource Management marks the 24th Anniversary of this event.



Recycling and Resource Management serves Madison County communities through a wide range of strategies that promote wise use of resources and awareness of solid waste-related issues and options. These practices result in healthier communities, reduced waste, and cost savings for all members of the county and metro-east region. This approach helps residents make informed choices that contribute to a greater quality of life for those who live and work in Madison County and serve to attract an increased number of potential new residents and businesses.

**For more information regarding the available Christmas Tree drop-off locations, visit Madison County's website or contact them via email at: [recycling@co.madison.il.us](mailto:recycling@co.madison.il.us)**

## Quarterly Meeting Review

A featured topic during the December Quarterly Meeting was a discussion on the MS4 Co-Permittee's ILR40 Permit updates.

Per the draft permit which was released for public comment during the last quarter of 2021, the MS4 operators will be required to provide additional details during the annual reports once the new permit takes effect. Engineering Consultant, Gonzalez Companies, LLC in cooperation with Madison County will continue to work with the Co-Permittees to develop standard procedures and data collection forms to make the transfer of the detailed information less cumbersome for each of its members, while ensuring permit requirements are met.

Also present at the meeting was Jennifer Reiman with Heartlands Conservancy who provided a proposal to aid the group in preparing mapping inventory of the MS4 stormwater outfalls.

Steve Brendel presented to the group draft updates to the County's Site Development Ordinance.

Bailey Lutz presented the winners of the County sponsored event for Pumpkin Composting and announced that applications for the annual Green Seeds Grant were due on January 14, 2022

**Next Meeting March 16, 2022**



## 2021 Prescription Drug Take Back

JOHN D. LAKIN  
SHERIFF



Administration: (618) 692-6087  
Investigation: (618) 692-0871  
County Jail: (618) 692-1064  
Non-Emergency: (618) 692-4433  
Fax: (618) 656-1210

**OFFICE OF THE SHERIFF  
MADISON COUNTY, ILLINOIS  
405 Randle Street  
Edwardsville, Illinois 62025**

**PRESS RELEASE**

April 8, 2021

Wednesday, April 7, 2021, deputies from the Madison County Sheriff's Office made their drop off in regard to the "**Rx 4 Safety**" prescription drug initiative.

Sheriff John D. Lakin, in partnership with Madison County Planning and Development and **ALL** the Police Chiefs of Madison County, in this collection, collected over 1, 860 pounds of prescription and over-the-counter medications. These medications have been disposed of at a federally regulated location, approved by the E.P.A. (Environmental Protection Agency). Since implementation of the RX4Safety program in April 2015, the Sheriff's Office has disposed of over 11 tons of medication.

This is a collective effort between the community and law enforcement to protect the environment from the improper disposal of medications/drugs and to keep our prescription medications from being ingested accidentally, stolen, or misused.

Secured drop off bins are located at the following Police Departments: Alton, Collinsville, East Alton, Edwardsville, Glen Carbon, Granite City, Highland, Madison County Sheriff's Office, Maryville, Roxana, SIU-E, Troy, and Wood River. *These bins were provided by CVS Pharmacy, Republic Waste and the American Water Company.*

**The outstanding part of this initiative is that these drop off locations are available to the citizens 24 hours a day 7 days a week. Citizens don't have to wait for a specific date to get these items out of their homes.**

**These are the items we CAN accept:**

Any over the counter medications, vitamins, liquids, narcotics, cough syrup, prescription medicines, hormones, painkillers, antibiotics, ointments, oils, and any unidentified pills.

**These are the items we CANNOT accept:**

Oxygen tanks, asthma inhalers, mercury thermometers, hearing aids, household waste, and sharps or needles.

If you have any questions regarding this initiative, or the information provided in this release, please feel free to contact Jaimie Linton, Administrator of Business Affairs, for the Madison County Sheriff's Office at (618)296-4850.

JOHN D. LAKIN  
SHERIFF



Administration: (618) 692-6087  
Investigation: (618) 692-0871  
County Jail: (618) 692-1064  
Non-Emergency: (618) 692-4433  
Fax: (618) 656-1210

**OFFICE OF THE SHERIFF  
MADISON COUNTY, ILLINOIS  
405 Randle Street  
Edwardsville, Illinois 62025**

**PRESS RELEASE**

October 18, 2021

Wednesday, October 13, 2021, deputies from the Madison County Sheriff's Office made their drop off in regard to the "**Rx 4 Safety**" prescription drug initiative.

Sheriff John D. Lakin, in partnership with Madison County Planning and Development and **ALL** the Police Chiefs of Madison County, in this collection, collected over 1,440 pounds of prescription and over-the-counter medications. These medications have been disposed of at a federally regulated location, approved by the E.P.A. (Environmental Protection Agency). Since implementation of the RX4Safety program in April 2015, the Sheriff's Office has disposed of over 11.5 tons of medication.

This is a collective effort between the community and law enforcement to protect the environment from the improper disposal of medications/drugs and to keep our prescription medications from being ingested accidentally, stolen, or misused.

Secured drop off bins are located at the following Police Departments: Alton, Collinsville, East Alton, Edwardsville, Glen Carbon, Granite City, Highland, Madison County Sheriff's Office, Maryville, Roxana, SIU-E, Troy, and Wood River. *These bins were provided by CVS Pharmacy, Republic Waste and the American Water Company.*

**The outstanding part of this initiative is that these drop off locations are available to the citizens 24 hours a day 7 days a week. Citizens don't have to wait for a specific date to get these items out of their homes.**

**These are the items we CAN accept:**

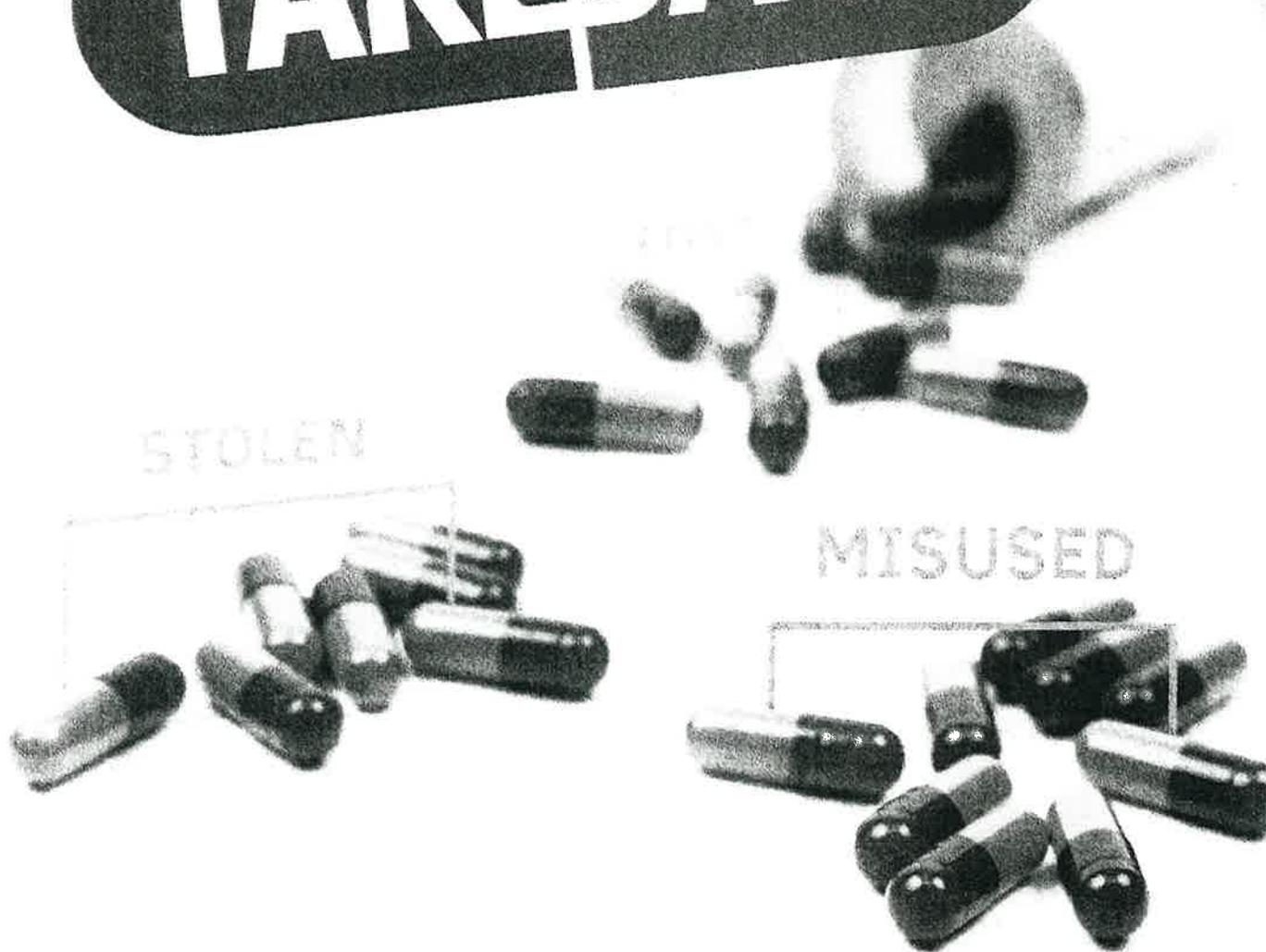
Any over the counter medications, vitamins, liquids; narcotics, cough syrup, prescription medicines, hormones, painkillers, antibiotics, ointments, oils, and any unidentified pills.

**These are the items we CANNOT accept:**

Oxygen tanks, asthma inhalers, mercury thermometers, hearing aids, household waste, and sharps or needles.

If you have any questions regarding this initiative, or the information provided in this release, please feel free to contact Jaimie Linton, Administrator of Business Affairs, for the Madison County Sheriff's Office at (618)296-4850.

# DEA NATIONAL **Rx** **TAKEBACK**



**Saturday, October 23**

**10 a.m. – 2 p.m.**

Madison County Administration Building

**Keep them safe. Clean them out. Take them back.**

Visit [DEATakeBack.com](http://DEATakeBack.com) for a collection site near you.

For more information, email [SAinfo@co.madison.il.us](mailto:SAinfo@co.madison.il.us)

## 2021-2022 Christmas Tree Recycling

## 2021-2022 Madison County Christmas Tree Recycling Drop-Off Locations

Municipality/Township	Drop-Off Locations	Address	Curbside Pick-Up?	Collected
Alhambra/Township	Village Maintenance Shed	421 Elm St, Alhambra	Yes, please call 618-488-3505 to request	7
Alton (5 locations)	<ol style="list-style-type: none"> <li>1. Riverview Park – Park Ave</li> <li>2. Haskell Park – 1211 Henry St.</li> <li>3. James Killion Park at Salu – Washington Ave at Salu</li> <li>4. Milton Park – End of Aberdeen Ave.</li> <li>5. Former Great Central Lumber lot – at the foot of Henry St.</li> </ol>		No	313
Chouteau Township	Township Garage	906 Thorngate Rd., Granite City	Yes, please call 618-931-6333 to request.	0
Collinsville (2 locations)	<ol style="list-style-type: none"> <li>1. Willoughby Farm – 631 Willoughby Lane</li> <li>2. Woodland Park – 2 Pine Lake Road @ Fletcher Filed parking lot</li> </ol>		No	347
Collinsville Township	Collinsville Township Road District	1407 N Bluff Rd, Collinsville	Yes, unincorporated Collinsville Township only	28
Village of East Alton	City Garage	331 Playground Ct.	Yes	27
Edwardsville	Winston Brown Recreation Complex	1325 Schiller Avenue	No	76
Edwardsville Township	Township Community Park	6368 Center Grove Rd, Edwardsville, near dumpster	No	206
Fort Russell Township**		5456 Buchta Rd. Bethalto, IL	No	15
Foster Township	Township Garage	4754 Fosterburg Rd, Alton	No	1

## 2021-2022 Madison County Christmas Tree Recycling Drop-Off Locations

Municipality/Township	Drop-Off Locations	Address	Curbside Pick-Up?	Collected
Glen Carbon **	New Firehouse (across from Casey's)	199 S. Main St., Glen Carbon	No	129
Godfrey	Street Dept.	6212 Godfrey Rd, Godfrey	No	43
Granite City	Granite City Park District	Circle drive at end of 29th St., Granite City	No	90
Hamel/Hamel Township	Township Highway Dept	403 N Old US Rte 66, Hamel	No	22
Hartford**	Curbside & Alley Pick-Up Only		Yes	25
Helvetia Township	Township Shed	12466 Buckeye Rd, Highland	No	28
Leef Township	Township Garage	12905 Niggli Road N 160	no	10
Madison	None, curbside only		Yes	0
Marine Township	Township Shed	620 N Vernon St, Marine	No	7
Village of Maryville**	None, curbside pickup only		Yes, please call 345-7028 x2326 or email <a href="mailto:streets@maryville-il.us">streets@maryville-il.us</a> to request pickup	23
Moro Township		117 Montgomery St., Moro	No	30

## 2021-2022 Madison County Christmas Tree Recycling Drop-Off Locations

Municipality/Township	Drop-Off Locations	Address	Curbside Pick-Up?	Collected
Nameoki Township**	Township Shed	4250 Hwy 162, Granite City	Yes, Call 618-931-1290	3
Olive Township	Olive Township Maintenance Facility	8363 E. Frontage Rd, New Douglas	No	6
Pin Oak Township	Pin Oak Township Highway Dept	3702 Tosovsky Ln, Edwardsville	No	9
Saline Township	Saline Township Shed	3642 George St, Highland	No	13
St. Jacob Township	Township Highway Dept.	10048 Ellis Rd, St. Jacob	No	23
Troy	Tri-Township Park	410 Wickliffe St, Troy	No	19
Wood River**	Compost Site	400 Smith Ct, Wood River	Yes, for the first two weeks of January only	37
Wood River Township	Wood River Township Building	1010 8th St, Cottage Hills	Yes	36

\*\*CHANGE FROM PREVIOUS YEAR

1,573

# 2021 Electronic Waste Collection

# GOT E-WASTE?

RECYCLE IT RESPONSIBLY!



**ACCEPTABLE ITEMS:** ANYTHING WITH A CORD, ALL TV MODELS, HOME ELECTRONICS, COMPUTERS & MONITORS, SMALL APPLIANCES, AIR CONDITIONERS, WASHER/DRYERS, DISHWASHERS, REFRIGERATORS, FURNACES, LAWN EQUIPMENT, LEAD ACID BATTERIES

## JOIN US ON THESE 2021 COLLECTION DATES!

APRIL 10	8 AM - 2:30 PM
JUNE 12	8 AM - 2:30 PM
SEPT. 11	8 AM - 2:30 PM
OCT. 9	8 AM - 2:30 PM

## COLLECTIONS WILL BE HELD AT CJD E-CYCLING

5257 N. STATE RT. 157 | EDWARDSVILLE, IL

**NON-ACCEPTABLE ITEMS:** BUSINESS AND CONTRACTOR WASTE, PAINT, HAZARDOUS WASTE, BATTERIES, OILS, FIRE EXTINGUISHERS, PROPANE TANKS, OXYGEN TANKS, DVDS, VHSS, CDS, CASSETTE TAPES, PCB, BALLASTS, DEVICES CONTAINING MERCURY, SMOKE DETECTORS.

**FREE FOR ALL MADISON COUNTY RESIDENTS!**

**\*APPOINTMENTS REQUIRED\***

CONTACT [RECYCLING@CO.MADISON.IL.US](mailto:RECYCLING@CO.MADISON.IL.US) OR CALL 618.296.6647 TO SIGN UP

BROUGHT TO YOU BY:  
MADISON COUNTY BUILDING & ZONING  
CJD E-CYCLING



REGISTER HERE!  
[HTTPS://RECYCLERESPONSIBLY.AS.ME/ELECTRONICS](https://recycleresponsibly.as.me/electronics)  
OR SCAN THE QR CODE

(OPEN PHONE CAMERA AND POINT  
TO SCAN CODE)



# 2021 Tire Collection



# USED TIRE COLLECTION

Madison County is pleased to sponsor a Used Tire Removal Action in cooperation with the Illinois Environmental Protection Agency.

This Used Tire Removal Service is being conducted to assist units of local government with disposal of used or waste tires collected from open dumping, public ROWs or on abandoned properties.

## PLEASE NOTE:

**Governmental entities ONLY.** *Do not advertise this service to the public.*  
Used or waste tires generated from ULG fleets or from local businesses are prohibited.



**THURSDAY, OCTOBER 7th  
& FRIDAY, OCTOBER 8th**



**8:00 AM - 3:00 PM**

**NIKE BASE STORAGE FACILITY  
(MADISON COUNTY HIGHWAY DEPARTMENT)  
10241 FRUIT ROAD, ALHAMBRA, IL**

### NO:

**General Public  
Off the Road (OTR) Tires  
Tire Dealers  
Service Stations  
Commercial Businesses  
Trucking Firms  
Contractors**

### YES:

**Municipalities  
Townships  
Car Tires  
Truck Tires  
Tractor Tires  
Tires on Rims**

Sponsored By:  
Illinois Environmental Protection Agency  
Madison County Planning & Development  
Madison County Highway Department

For more information or questions, call  
Brandon at 618-296-5237

### IEPA & Madison County Used Tire Collection

IEPA & Madison County Used Tire Collection							
Participation Summary							
Year	2016	2017	2018	2019	2020	2021	
<b>Total # Muni/Township</b>	38	41	37	37	30	31	
<b>Total # Trucks</b>	117	77	84	74	69	78	
<b>Total Weight</b>	156 tons	100.88 tons	85.96 tons	118.75 tons	72.76 tons	81.54 Tons	
Organization	2016	2017	2018	2019	2020	2021	
Alhambra Township	1	1	1	1	1	1	
Alhambra, Village of	1	1	0	1	0		
Alton, City of	11	4	3	5	2	9	
Bethalto, Village of	8	1	2	1	1		
CARD	0	1	1	0	0		
Chouteau Township	5	5	2	3	6	2	
Collinsville, City of	3	1	2	3	2	2	
Collinsville Township	1	2	1	1	1	2	
Dorchester Township	0	0	0	1	0		
East Alton, Village of	1	1	4	2	1	3	
Edwardsville, City of	1	1	0	2	1	1	
Edwardsville Township	2	0	0	1	0	1	
Foster Township	4	3	2	3	3		
Ft. Russell Township	2	2	2	1	3	2	
Glen Carbon, Village of	0	1	1	0	1		
Godfrey, Village of	4	0	1	0	0		
Granite City, City of	0	0	0	0	0		
Grantfork, Village of	0	0	1	0	0		
Hamel Township	2	2	1	1	1		
Hamel, Village of	1	1	1	1	0	2	
Hartford, Village of	4	1	3	2	1		
Helvetia Township	4	4	2	4	3	5	
Highland, City of	2	1	2	2	2		
IDNR Cahokia Mounds	0	0	0	1	0		
Jarvis Township	4	3	3	2	4	5	
Leef Township	3	2	2	2	1	2	
Livingston, Village of	0	2	1	0	0		
Madison, City of	1	2	2	2	1	1	
Madison County	0	0	0	0	6	3	
Marine Township	1	1	1	0	1	1	
Maryville, Village of	2	1	1	0	0		
Moro Township	5	2	1	1	1	2	
Nameoki Township	3	2	2	1	1	3	
New Douglas Township	1	0	2	0	0	1	
New Douglas, Village of	2	3	9	0	0	1	
Olive Township	3	1	3	3	5	4	
Omphghent Township	1	2	3	2	4	2	
Pierron, Village of	0	0	0	1	1		
Pin Oak Township	1	3	7	6	8	5	
Roxana, Village of	15	5	4	5	0	5	
Saline Township	2	1	1	1	2	1	
SIUE	0	0	0	1	0		
St. Jacob, Village of	0	0	0	0	0		
St. Jacob Township	1	1	0	1	0	2	
Sorento, Village of	0	2	3	3	0		
South Roxana, Village of	1	1	0	0	0	1	
Staunton Township	0	2	0	1	0	2	
Troy, City of	3	1	0	2	0	2	
Venice, City of	0	1	0	0	0		
Venice Township	1	1	1	0	1		
Wood River Township	5	1	3	1	3	2	
Wood River, City of	5	4	3	3	1	3	
<b>Total</b>	117	77	84	74	69	78	



10 07 2021

# 2021 Hazardous Waste Disposal

# Madison County HOUSEHOLD HAZARDOUS WASTE Collection Site



## APPOINTMENTS ARE REQUIRED

### Accepted Items:

- Oil-based paints
- Pesticides & herbicides
- Lawnfertilizers & chemicals
- Cleaning solvents
- Paint thinners
- Hobby chemicals
- Antifreeze, motor oil, old gasoline
- Pool chemicals
- Household batteries
- Items containing mercury (i.e. thermostats, thermometers)
- Medicines
- Lead-acid batteries
- Fluorescent lights

### Make An Appointment

[www.RecycleResponsibly.as.me/hhwaste](http://www.RecycleResponsibly.as.me/hhwaste)

Website: [www.madisoncountybz.com](http://www.madisoncountybz.com)

Phone: 618-296-5237

**FREE drop off for Illinois Residents**

**Open Monthly  
Every 1st Saturday and 3rd  
Friday**

**8AM to 3PM**

**249 N. Old St. Louis Rd  
Wood River, Illinois**

No Latex paint, Tires, Electronics, Ammunition, Agricultural wastes, Explosives, Fireworks, Fire extinguishers, Smoke detectors, Farm machinery oil, Business or Biohazard waste accepted.

BROUGHT TO YOU BY:  
MADISON COUNTY BUILDING & ZONING  
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

FOR MORE INFORMATION, CALL 618.296.5237



## 2021 Community Cleanup Days

### Mississippi River Plastic Pollution Initiative

- Madison County participated in this initiative which was an effort to combat plastic pollution in and along the Mississippi River. We asked volunteers to utilize the Marine Debris Tracker App while picking up trash in their community and logging the items that they found. The app will generate a plastic pollution map and will be used to help inform policy makers, businesses, and citizens to take action against this issue.
- We are in the preliminary stage of analyzing the data that was collected in April, but in total the Saint Louis Region (Madison County included) collected and logged over 28,000 pieces of litter.
- The Green Schools Program promoted this initiative as a competition within Madison County schools. The top three schools were awarded prizes to be used to help their school achieve their sustainability goals. Together, these schools collected and logged over 1,700 items of litter. We hope to promote this competition a yearly opportunity for schools.
  - First place- Hamel Elementary
  - Second place- Highland High School
  - Third place- Woodland Elementary
- Madison County also partnered with community organizations to host three clean ups within the county. Pictured to the right is an Earth Day clean up at Old Chain of Rocks Bridge where we partnered with the Saint Louis Aquarium Foundation. At this event, 30 volunteers (some not pictured) collected and logged over 2,000 pieces of litter.



### Community Clean Ups

- In the month of June, Madison County is hosting three community clean-ups in partnership with the IEPA. These clean ups encourage residents to clear out large household items and drop it off at no charge.

Wood River | Cottage Hills, Wood River Township Highway Dept  
1010 8th Street, Cottage Hills, IL

Curbside Pick-Up: Yes - Call Township Highway Dept. 618-259-2490  
June 7 – 11, 7AM – 3PM

Granite City | Chouteau Township | Mitchell area, Chouteau Township Shed  
906 Thorngate Rd. Granite City, IL

Curbside Pick – Up: Yes – Call Township Highway Dept 618-931 6333  
June 14-18, 7-2:30PM

Venice | Venice Township, Venice Public Works Building  
1328 Kline St. Venice 62090

No Curbside Pick-up – Questions call Public Works 618-877-0520  
June 21 – 25, 7-2PM

**Litter Clean Up Kits**

- Since March of 2021, our Building and Zoning department has distributed 1,234 litter clean up kits to individuals in Madison County. Each kit includes a safety vest, two trash bags, a litter grabber, and a pair of gloves. We plan to do another litter clean-up campaign in the Fall.



**E-Cycling Events**

- Four events have been scheduled for 2021 to help Madison County residents dispose of their household electronics. These events accept all household electronics and anything with a cord. The event flyer provides details on dates and location. Please note that this event is not for municipalities, townships or businesses.

**Environmental Grants**

- In 2021 we awarded 10 Environmental Grants to Municipalities/Townships totaling \$137,196. We are currently in the middle of the grant round and will wrap that up in October/November. Applications for FY 20221 will be available in December.

**Tire Collection**

- Collection for municipalities and townships to be scheduled in the Fall. Steve will have the details on this.

**HHW**

- Working with the IEPA and planning to establish a permanent site here in Madison County. We hope to have the details solidified in the next month or so and

**Green Schools**

- We just wrapped up the 30<sup>th</sup> year for the Green Schools Program. We had 41 schools participate in the program this year and even with COVID and some on-line learning in some schools, the teachers and students participation was great!
- I am working on a 'Green Schools Program Guide' that will showcase the work over the last year and provide more information for teachers/schools as to what is involved with the program. This will include presentations offered, grants available, collection program for schools, and county-wide competitions. I hope to have it completed by early August.
- We awarded 13 Green Seed Grants (each at the maximum amount of \$2,000 totaling \$22,775) this year to schools working on projects related to waste diversion, energy efficiency, and preserving the quality of land, air, or water in and around school grounds.
- Pictured to the right is students at Alhambra Primary School who were awarded a 2020 Grant for a tree planting project at their school.



School	District	Project
Central Intermediate	Roxana CUSD #1	Water Bottle Filling Station
Dorris Intermediate	Collinsville CUSD #10	Water Bottle Filling Station
East Elementary	Alton CUSD #11	Garden/Outdoor Classroom

EAWR High	EAWR #14	Clean Up EAWR (litter clean up)
Highland Elementary	Highland CUSD #5	Water Bottle Filling Station
Highland Middle	Highland CUSD #5	Outdoor Classroom
Leclair Elementary	Edwardsville CUSD #7	School Garden Expansion
Meadowbrook Intermediate	Bethalto CUSD #8	Water Bottle Filling Station and Earth Day Activity
North Elementary	Alton CUSD #11	S.T.E.M. Courtyard
Summit Elementary	Collinsville CUSD #10	Summit Star Garden
Trinity Lutheran	Trinity Lutheran Ministries	Water Bottle Filling Station
William M BeDell ARC	Private School	Pollinator Garden
Alton High School	Alton CUSD #11	WBFS

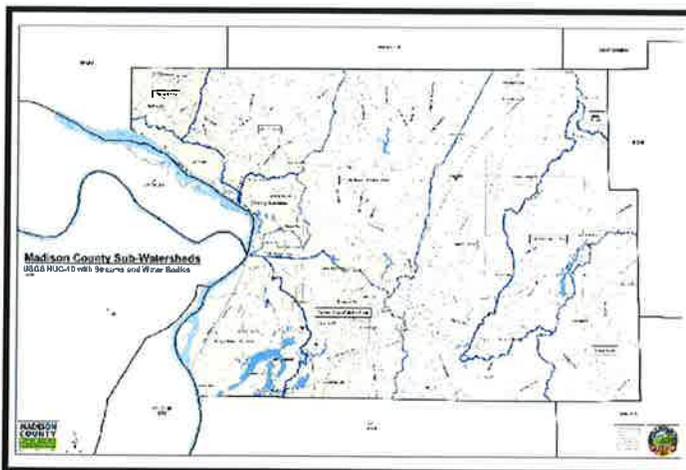
**2021 Stormwater Management  
Watershed Plans**

## Stormwater Management & Watershed Plans

The Madison County Stormwater Management Commission and the Building & Zoning Department are completing a Countywide Stormwater Management Plan. The purpose of the plan is to address issues associated with stormwater for both incorporated and unincorporated parts of the county. The countywide approach is intended to put everyone on the same page and create multi-jurisdictional opportunities instead of addressing issues individually. Over the last few years planners have been working with municipalities and townships to identify a wide-range of flooding, drainage, and water quality issues and establish best management practices to address them. The overall goals of the plan are as follows:

- Reduce flooding and mitigate flood damage
- Improve water quality
- Promote best practices for land development
- Develop organizational and regulatory framework
- Conduct public education and outreach

An outgrowth of the management framework are individual watershed plans. The watershed plans provide the opportunity to identify and examine specific issues on a local level and propose projects to alleviate those issues. The watershed plans also provide greater opportunity for public input through a public forums, stakeholder meetings, and resident surveys.

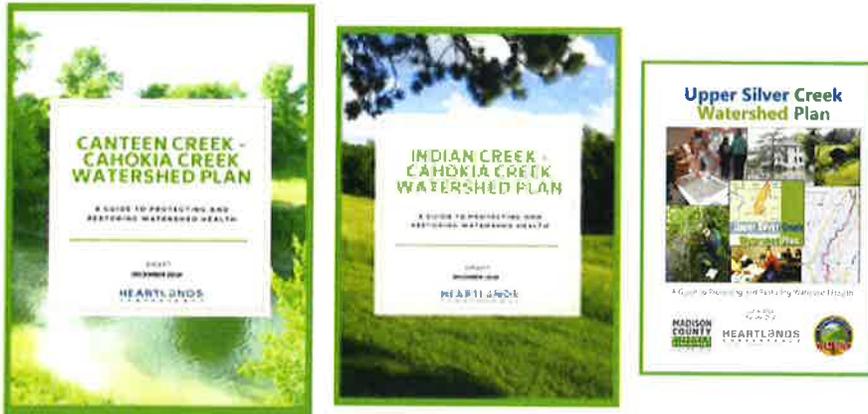


The geographic boundaries of the watersheds are associated with the primary creek system within the larger drainage area. This strategy was chosen since it involves multiple municipalities and townships that are linked together by the creek and each watershed has shared impacts. Planners have completed plans for Upper Silver Creek, Indian Creek, and Canteen Creek watersheds, and they're nearly finished with a plan for the American Bottom watershed, which is also known as Judy's Branch.

After the American Bottom plan is completed, the team will begin planning for the Wood River Creek and Piasa Creek watersheds.

To date, the efforts has helped raise over \$1 million in grants from the Environmental Protection Administration (EPA). The \$500k Upper Silver Creek grant and \$450k Silver Lake grant are being expended to address issues in their respective watersheds. Another \$200k will go to fund the Wood River Creek and Piasa Creek watersheds. In addition, the U.S. Corps of Engineers (USACE) has partnered in the efforts by

providing in-kind support by completing comprehensive studies of the natural drainage system within each watershed.



**Canteen-Cahokia Creek Watershed Plan    Indian-Cahokia Creek Watershed Plan    Upper Silver Creek Watershed Plan**

**Executive Summary - Canteen-Cahokia Creek Watershed Plan**

**Update: 3/2/2020**

**Executive Summary - Indian-Cahokia Creek Watershed Plan**

**Update: 3/2/2020**

**Article**

**Illinois EPA awards nearly \$954,000 to HeartLands Conservancy for water quality protection within the Canteen Creek-Cahokia Creek Watershed**

SPRINGFIELD — Illinois Environmental Protection Agency Director John J. Kim announced HeartLands Conservancy will receive nearly \$954,000 in grant funding to provide technical and financial assistance to rural and urban landowners to voluntarily implement the locally developed Canteen Creek-Cahokia Creek Watershed Plan.

[View Full Article Here](#)

**Grant Program**

**Canteen-Cahokia Creek Watershed 319 Cost Share Program**

The goal of this program is to improve water quality in the Canteen-Cahokia Creek watershed by facilitating the voluntary implementation of highly effective Best Management Practices (BMPs). Approved projects will be eligible for reimbursement of up to 50% of the total project cost, while the applicant will be responsible for at least 50%.

If you are interested in participating in the program, please fill out an [application form](#).

More information can be found [here](#).

**Updated: 3/2/2020**

### **Piasa Creek Watershed Survey Final Report**

This report summarizes the findings of the Community Flood Survey for the Piasa Creek watershed (HUC 0711000902), 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 117 surveys were completed from within the study area out of 700 mailed, giving a response rate of 17%. Some of these were collected via on-line survey. The Piasa Creek watershed is a 77,882-acre area that drains to the Mississippi River

**Updated: 3/3/2020**

### **Wood River Creek Watershed Survey Final Report**

This report summarizes the findings of the Community Flood Survey for the Wood River watershed (HUC 0711000903), 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 325 surveys were completed from within the study area out of 2,300 mailed, giving a response rate of 14%. The Wood River watershed is a 78,598-acre area that drains to the Mississippi River

**Updated: 3/3/2020**

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[Sitemap](#)

Powered By Revize Login

157 North Main Street,

Edwardsville, IL. 62025

618-296-6200 | Click [HERE](#) to Email

Department Contact Information Click [HERE](#)

Business Hours: Monday-Friday, 8:30 AM - 4:30 PM

89°57'28.758"W 38°48'47.095"N



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Share to TwitterMore AddThis Share options

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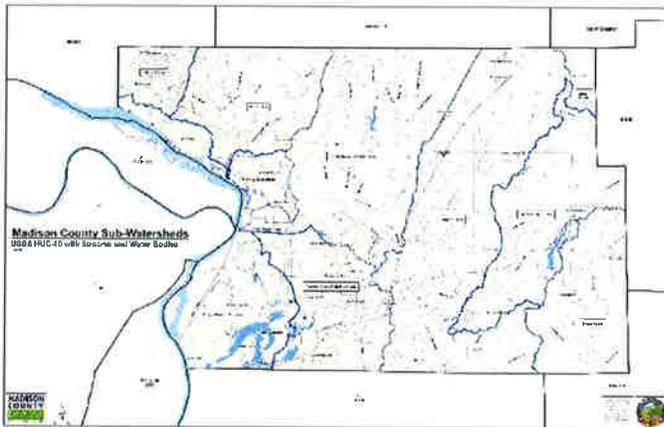
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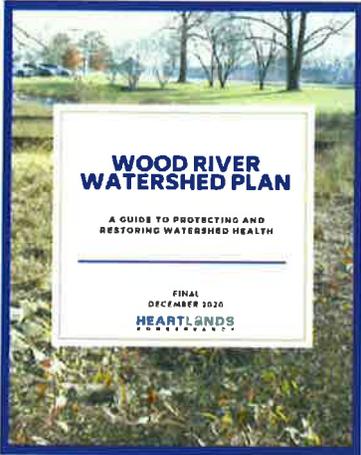
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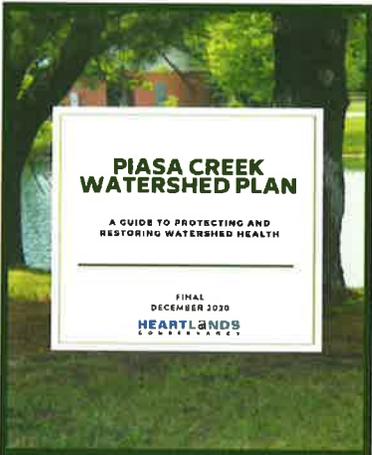
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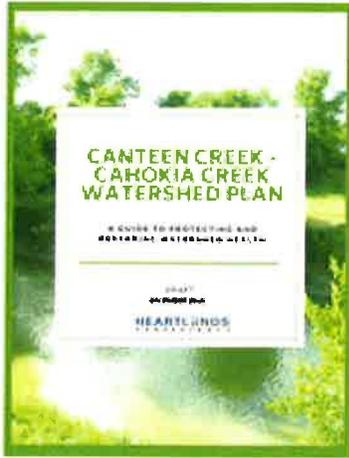


**Wood River Watershed Plan**

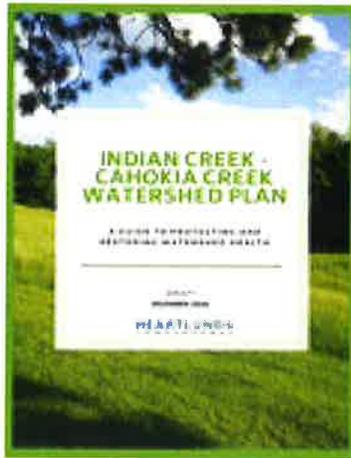


**Piasa Creek Watershed Plan**

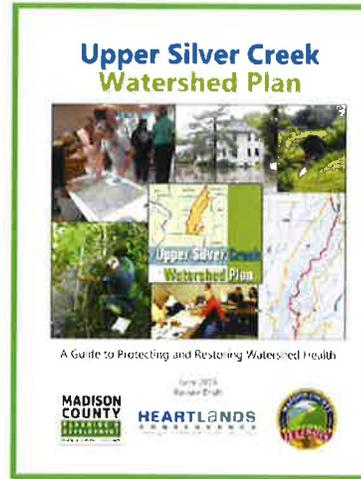
<a href="#">Executive Summary</a>	-	<a href="#">Wood River Watershed Plan</a>	<b>2/7/2022</b>
<a href="#">Executive Summary</a>	-	<a href="#">Piasa Creek Watershed Plan</a>	<b>2/7/2022</b>



**Canteen-Cahokia Creek Watershed Plan**



**Indian-Cahokia Creek Watershed Plan**



**Upper Silver Creek Watershed Plan**

[Executive Summary - Canteen-Cahokia Creek Watershed Plan](#)  
**Update: 3/2/2020**  
[Executive Summary - Indian-Cahokia Creek Watershed Plan](#)  
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[View Full Article Here](#)

**Grant**

[Canteen-Cahokia Creek Watershed 319 Cost Share Program](#)

**Program**

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More information can be found [here](#).

**Updated: 3/2/2020**

**2021 Recycling and Resource  
Management**



### CHAMPION INNOVATION PROJECT

“

*Madison County Building & Zoning strives to improve the quality of life for our residents, businesses, schools, and local governments through programs that foster healthy, resilient, and connected communities. Through environmental, economic, and social development activities, we continue to provide opportunities for residents to adopt healthier, happier lifestyles.*

Brandon Banks,  
 Resource Management  
 Coordinator



is a program of:



### CHAMPION INNOVATION PROJECT Building Madison County Resiliency

#### Measurable Elements

- Madison County Green Schools Program worked with 42 schools, impacting nearly 19,000 students through recycling programs, county-wide competitions, professional development opportunities, and educational resources.
- Held four electronics recycling collections that served over 1,400 households and recovered 160,000+ lbs of e-Waste.
- Clean Communities program, focused on cleaning up litter, successfully distributed to residents over 1,500 resource kits including a safety vest, litter grabber, gloves, and trash bags.
- Awarded nearly \$137,000 in grant funds to 10 local government agencies and \$22,775 to 13 Madison County schools, supporting environmental projects.



#### Qualitative Elements

- Opened new Household Hazardous Waste Collection Facility in Wood River, partnering with IEPA. This site serves all Illinois residents to collect and safely dispose of paints, chemicals, pesticides, and other hazardous materials.
- Also with IEPA, Madison County provided 15 large roll off dumpsters to residents of Venice Township, Choteau Township, and Cottage Hills in a collection event for large bulk items not accepted in residential trash.
- The Mississippi River Plastic Pollution Initiative encouraged Madison County residents to get outside and clean up their community. Using the Marine Debris Tracker app, adults and youth logged litter they picked up, generating data toward understanding and tackling plastic pollution along the Mississippi River.
- Sponsored seven communities for the Green Cities Challenge: Alton, Collinsville, Edwardsville, Godfrey, Glen Carbon, Granite City, and Highland.



# Recycling and Resource Management

*Where can I recycle the following?*

**Basic materials:** For those who do not have access to curbside recycling services, items such as paper, glass, plastics, and metals can be recycled in drop-off stations.

**Drop-off stations can be found in the following locations:**

- **Edwardsville:** 2500 Troy Road, *Home Depot parking lot, serviced Monday through Friday.* NOTE: This container is not available on weekends and is removed from the location at 10 a.m. on Fridays.
- **Alton:** 400 Piasa St., *downtown Alton across from the federal building, serviced Monday, Wednesday, and Friday.*
- **Collinsville:** 1600 Olive St, at Fletcher Field Parking Lot, *serviced Monday, Wednesday, and Friday.*
- **Hamel:** 403 Old US Route 66, *Located at the Township maintenance shed and Hamel Community Fire Protection District Office, serviced Mondays and Fridays.*
- **Marine:** 630 W Leopold St., *Off Leopold, behind Marine Township Highway Garage, just past Vernon, serviced Mondays and Fridays.*
- **Maryville:** 8 Schiber Court, *Off Vadalabene, by Drost Park, Public Works Department, and Community Library, serviced Mondays and Thursdays.*
- **New Douglas:** 8363 East Frontage Road, *Across I-55 from the Pink Elephant Antique Mall, off Alhambra Road, serviced Tuesdays & Fridays.*



**Find a Recycling Station near you!**

An interactive map of the recycling drop-off locations can be found here – [GIS Viewer](#)



*What materials can I recycle through curbside service?*

**Curbside Service:** Materials accepted in curbside bins vary depending on the hauler. For residents whose recycling services are provided by Republic/Allied Waste, a PDF of accepted materials can be found [here](#).

Other **recycling questions?** Contact Brandon Banks at 618.296.5237 or email [recycling@co.madison.il.us](mailto:recycling@co.madison.il.us).

*Where can I recycle materials **NOT** allowed through curbside service?*

**Plastic Bags and Wraps:** Click [here](#) to visit the drop-off directory at Plastic Film Recycling.org.

**Christmas Trees:** Click [here](#) for a list of locations that offer seasonal Christmas tree drop-offs for residents.

**Household Hazardous Waste:** click [here](#) for information on Madison County's next HHW collection.

**Electronic Recycling (E-Waste):** click [here](#) for information on Madison County's next E-Waste Collection.

**Other items not listed:** If you are unable to find information on the items you wish to recycle listed on the Madison County Recycling Resource List, try [Earth 911](#)'s searchable database to find the nearest collection location.

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## About Madison County Recycling and Resource Management

*What is the purpose of Madison County Recycling and Resource Management?*

**The purpose of the recycling and resource management program is to improve quality of life for Madison County residents, businesses, schools, and local governments through programs that foster healthy, resilient, connected communities.**

Madison County is a regional leader in recycling and resource management initiatives. Our innovative programs have received great success in recent years and we continue to build on them.

The program serves Madison County communities through a wide range of strategies that promote wise use of resources and awareness of solid waste-related issues and options. These practices result in healthier communities, reduced waste, and cost savings for all members of the county and metro-east region. This approach helps residents make informed choices that contribute to a greater quality of life for those who live and work in Madison County and serve to attract an increased number of potential new residents and businesses.

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## **Madison County Recycling and Resource Management Initiatives**

*How does Madison County manage solid waste?*

State and local laws mandate that a minimum of 25% of the entire solid waste stream be recycled. To satisfy these mandates, Madison County Planning & Development manages solid waste disposal and supplementary options such as recycling and composting in the county.

Today more than 35% of all household trash in Madison County is recycled, while the state's rate is about 37%. Within Madison County government buildings, more than 85% of waste is recycled. These numbers continue to increase as the county works toward a goal of zero waste in the future.

**Not only does recycling divert materials out of the landfills, thereby helping Madison County meet the state mandated 25% diversion rate, it also promotes jobs in our county and provides commerce.**

**Primary functions of Recycling and Resource Management initiatives include:**

**Waste & Recycling Haulers:** Managing the issuance and enforcement of certifications for county waste and recycling haulers.

**County-wide Recycling Drop-off Locations:** The department funds six drop-off recycling stations throughout Madison County so that residents without curbside recycling have a place to take their recyclable materials.

**Recycling Resources & Hotline:** Resources regarding how to safely and properly dispose of items not accepted in the curbside or drop-off bins.

**Medication Collection and Recycling:** Old and unused medications are collected and recycled to protect water quality and preserve public safety. With the assistance of the Madison County Sheriff's Department, the Building & Zoning Department funds collection and recycling of medications at local police departments.

**Community Clean-ups & Collections:** Special free recycling events reduce the problem of illegal and roadside dumping within the county. These include community clean-ups, disposal of electronic waste and tires, and Christmas trees, among others.

**General Composting:** [Download your Composting Fact Sheet](#) courtesy of Madison County's Small Green Steps.

**Pumpkin Purge Community Composting Program:** Part of a state-wide initiative, the pumpkin composting program provides an opportunity to drop off old pumpkins and gourds for composting which, in turn, keeps them out of local landfills.

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## Support for Madison County Communities

*How does Recycling and Resource Management support local communities?*

**Resource Management Grants:** Supports units of local government with solid waste management, air quality initiatives, energy efficiencies, smart growth, and stormwater projects. Find out more about the 2022 Environmental Grant by clicking [here](#).

**Green Cities Challenge:** Sponsors local municipalities' participation in the Green Cities Challenge to foster incorporation of thoughtful policies and practices within local government operations. In 2015, Alton and Highland participated, while in 2016, Granite City joined the two other communities. In 2019, Madison County grew the program to six communities in the challenge, including Alton, Collinsville, Granite City, Glen Carbon, Godfrey, and Edwardsville.

**Internship Program:** Works with local Universities to provide ongoing education in a real-world setting.

**Public Outreach & Engagement:** Providing additional information on a wide range of issues allows residents to understand and address issues within their own neighborhoods and take part in land use processes. Several educational formats exist including:

- **OneSTL:** In 2019, Building & Zoning began a bi-state partnership with OneSTL in efforts to plan for sustainable development that includes a vision, goals, and objectives that outline a positive future for our communities. Learn more about our partnership [here](#).
- **Public Presentations:** Building & Zoning staff are available to provide talks to local schools, clubs and organizations.

- **Newsletters & Informational Handouts:** A department-wide Monthly Report along with other informational fliers, brochures, and newsletters convey timely information about events, programs and statistics provided by the department. To see past reports, click [here](#). To be added to the recipient list for updates contact Recycling and Resource Management Coordinator, Brandon Banks at 618-296-5237.
  - **Local Events:** Providing support, planning, and participation in a number of regional and state-wide events.
  - **Air & Health Forum:** An annual health and wellness-themed dialogue focusing on the connection between obesity, nutrition, air quality and the environment, aimed to engage the community in local and healthy options and solutions.
- 

## Green Schools Program

*How does Recycling and Resource Management support quality of life for students and children?*

The award-winning Green Schools Program supports over 80 public, private and parochial schools within the county and impacts over 26,000 students to create resource-efficient schools that educate students about maintaining and promoting a healthy community. To find out more about the Madison County Green Schools Program, click [here](#).

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## Long-term Planning

*How is Madison County planning for the future?*

Madison County Building & Zoning is completing a county-wide resource management plan that addresses best management practices ranging from air quality, to ecological health, to growth of green businesses.

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## Intra-government Resource Management

*How does Madison County practice recycling and resource management within its own organization?*

Recycling and Resource Management works in cooperation with other county departments to provide a variety of wise use initiatives including:

**County Building Recycling:** Numerous options exist for staff to recycle an assortment of

materials used in day to day operations. There are also opportunities for the public to drop off materials such as cell phones, eye glasses and shoes. Contact Recycling and Resource Management at (618) 296-5237. Click [here](#) to view the visual guide to Madison County building recycling.

**St. Louis Green Business Challenge & County Green Team:** The Madison County Green Team was started as part of the St. Louis Regional Green Business Challenge and includes representatives from multiple county departments. The team continues to develop the in-house resource management strategy including improvements to the County's ongoing recycling efforts, options for energy efficiency, a green purchasing policy, and general resource management that will save both money and meet objectives.

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Contact Information:

Bailey Lutz  
Green Schools Coordinator  
Phone: (618) 296-4606  
Email: [bnlutz@co.madison.il.us](mailto:bnlutz@co.madison.il.us)  
157 N. Main Street, Suite 254  
Edwardsville, IL 62025

Brandon Banks  
Resource Management Coordinator  
Phone: (618) 296-5237  
Email: [blbanks@co.madison.il.us](mailto:blbanks@co.madison.il.us)  
157 N. Main Street, Suite 254  
Edwardsville, IL 62025



## USED TIRE COLLECTION

Madison County is pleased to sponsor a Used Tire Removal Action in cooperation with the Illinois Environmental Protection Agency.

This Used Tire Removal Service is being conducted to assist units of local government with disposal of used or waste tires collected from open dumping, public ROWs or on abandoned properties.

### PLEASE NOTE:

**Governmental entities ONLY.** Do not advertise this service to the public. Used or waste tires generated from ULG fleets or from local businesses are prohibited.



**THURSDAY, OCTOBER 7th  
& FRIDAY, OCTOBER 8th**



**8:00 AM - 3:00 PM**

**NIKE BASE STORAGE FACILITY  
(MADISON COUNTY HIGHWAY DEPARTMENT)  
10241 FRUIT ROAD, ALHAMBRA, IL**

#### NO:

General Public  
Off the Road (OTR) Tires  
Tire Dealers  
Service Stations  
Commercial Businesses  
Trucking Firms  
Contractors

#### YES:

Municipalities  
Townships  
Car Tires  
Truck Tires  
Tractor Tires  
Tires on Rims

# GOT E-WASTE?

RECYCLE IT RESPONSIBLY!



**ACCEPTABLE ITEMS:** ANYTHING WITH A CORD, ALL TV MODELS, HOME ELECTRONICS, COMPUTERS & MONITORS SMALL APPLIANCES, AIR CONDITIONERS, WASHER/DRYERS, DISHWASHERS, REFRIGERATORS, FURNACES, LAWN EQUIPMENT, LEAD ACID BATTERIES

## JOIN US ON THESE 2021 COLLECTION DATES!

APRIL 10	8 AM-2:30 PM
JUNE 12	8 AM-2:30 PM
SEPT. 11	8 AM-2:30 PM
OCT. 9	8 AM-2:30 PM

## COLLECTIONS WILL BE HELD AT CJD E-CYCLING

5257 N. STATE RT. 157 | EDWARDSVILLE, IL

**NON-ACCEPTABLE ITEMS:** BUSINESS AND CONTRACTOR WASTE, PAINT, HAZARDOUS WASTE, BATTERIES, OILS, FIRE EXTINGUISHERS, PROPANE TANKS, OXYGEN TANKS, DVDS, VHSS, CDS, CASSETTE TAPES, PCB, BALLASTS, DEVICES CONTAINING MERCURY, SMOKE DETECTORS.

## FREE FOR ALL MADISON COUNTY RESIDENTS!

**\*APPOINTMENTS REQUIRED\***

CONTACT [RECYCLING@CO.MADISON.IL.US](mailto:RECYCLING@CO.MADISON.IL.US) OR CALL 618.296.6647 TO SIGN UP

BROUGHT TO YOU BY:  
MADISON COUNTY BUILDING & ZONING  
CJD E-CYCLING



REGISTER HERE!  
[HTTPS://RECYCLERESPONSIBLY.AS.ME/ELECTRONICS](https://recycleresponsibly.as.me/electronics)  
OR SCAN THE QR CODE

(OPEN PHONE CAMERA AND POINT  
TO SCAN CODE)



# Clean Communities Resource Tool Kits

- STILL AVAILABLE
- World Cleanup Day – Sept. 18<sup>th</sup>
- Contact for more info



# Environmental Grant Reimbursement

- **Paperwork due by October 22, 2021**
- Awarded 10 Grants to Municipalities and Townships for environmental projects.
- 137K+ funds distributed
- Applications for FY 2022 available in December

## ENEW) Online Permitting

- Now fully online. Download, fill out, and submit permit applications completely online. Saving county staff and applicant time in validation process.

# Bulk Item Cleanups

- IEPA Sponsored
- Large roll off dumpsters for bulk items provided in the month of June.
- Collected 15 large roll off dumpsters full of bulk waste.
- Venice Township
- Choteau Township
- Cottage Hills



**WOOD RIVER TOWNSHIP  
COMMUNITY  
CLEANUP**

**June 7-11  
7:00AM TO 3:00PM**

Madison County and Wood River Township are hosting a community clean-up FREE for Cottage Hills-area residents.

**Accepted Items:** Demolition Debris, Furniture, Mattresses, Household Waste, Carpet Tiles, and Flooring

**When/Where:** June 7-11  
Wood River Township Highway Dept.  
1030 8th Street, Cottage Hills, IL

**Curbside Pick-Up:** Disabled/elderly residents (60+) call  
Township Highway Dept.  
618-259-2490

**Items NOT accepted:** Business/Contractor Waste, Electronics, Hazardous Waste (chemicals, oils, and paints), Tires, Fire Extinguishers, Landscape Waste, Propane Tanks, Lawn Equipment

**IDENTIFICATION WITH PROOF OF ADDRESS IS REQUIRED FOR DROP OFF**

Sponsored by:  
Madison County Government  
Kurt Pringle, County Board Chairman  
Wood River Township

**MADISON COUNTY**

Looking for Electronics Recycling?  
Visit [madisoncountyil.gov](http://madisoncountyil.gov)  
for information on upcoming electronics collections!



## What can be done to control soil erosion and provide sediment control?

### ✓ Preventative Action

Numerous studies show that it is more cost effective and institutionally feasible to develop measures to prevent or reduce pollutants in stormwater during new development than to correct problems caused by these pollutants later.

#### Establish Local Ordinances:

Many counties and municipalities have adopted soil erosion and sediment control ordinances which, when consistently enforced and coordinated with state and federal permit authorities, can be an extremely effective method to minimize damages caused by erosion and sediment.

#### Incorporate Soil Erosion and Sediment Control As An Integral Part of Construction

Planning for soil erosion and sediment control should be considered as important as any other component of the development process. Proper implementation and maintenance of planned practices will assure that costs incurred will be offset by economic, environmental and other benefits.

WWW.MADISONCOUNTYBZ.COM

## Let's work together on your property!

SCAN THE QR CODE FOR MORE RESOURCES



Soil is a valuable natural resource that is vital to the maintenance of the natural environment as we know it.

#### CONTACT INFO:

Madison County Building & Zoning  
157 N. Main Street Suite 254  
Edwardsville, IL 62025  
(618) 296-4468  
Zoning@co.madison.il.us



WWW.MADISONCOUNTYBZ.COM

## Sediment & Erosion Control



# MADISON COUNTY

WWW.MADISONCOUNTYBZ.COM



#### WHY SHOULD YOU BE CONCERNED ABOUT SOIL EROSION & SEDIMENT CONTROL?

##### It's The Law:

Soil erosion and sediment control requirements are part of Federal and State regulations and are often required by local ordinances as well.

##### Surface Water Quality:

Based on the most recent EPA Integrated Water Quality Report, 48% of Illinois' streams and more than 46% of lake acres assessed are adversely impacted by nonpoint source (NPS) pollutants. Urban runoff and construction site erosion have been identified as significant sources of this pollution.

##### Chemical Pollutants:

Chemicals, such as some pesticides, phosphorus, as well as toxicants and trace metals, can be transported with sediment to receiving waters where they cause additional damage to aquatic ecosystems.

##### Fish and Aquatic Plants:

Suspended solids reduce sunlight penetration, reduce survival rates for fish eggs, interfere with fish feeding habits and clog and damage fish gills which increases risk of infection and disease. Sediment deposits destroy fish spawning areas resulting in the loss of sensitive or threatened fish species, adversely impact aquatic insects which are at the base of the food chain, reduce channel capacity, and decrease the overall quality of lakes, streams, and wetlands.

##### Flooding:

Sediment accumulation reduces stormwater conveyance and storage functions of streams, wetlands, storm sewers, detention basins, highway drainage ditches, and floodplains, which can result in flooding.

← Drive stakes every 3-4 feet along the filter log.

# We want to help you!

#### Filter Log Installation



Do

#### WHAT IS SOIL EROSION?

Soil erosion is the detachment and movement of soil particles by water, wind, ice, or gravity.

#### WHAT IS SEDIMENT?

Sediment is the result of erosion. Once soil particles have detached from the surface, are transported from their site of origin and have come to rest on other ground surfaces or in bodies of water or wetlands, they are referred to as sediment.



### Construction Erosion & Sedimentation



Do

Inlet Protection

Do

Silt Fence



Do

Exit/Entrance Pad

#### CONSTRUCTION SITES

Construction site erosion is a significant source of sediment and other NPS pollutants. Soil erosion from a construction site without proper soil erosion and sediment control practices in place can average between 10-20 tons/acre/year. This is ten to twenty times greater than typical soil losses on agricultural lands.



Do

Straw Blanket

#### Best Management Practices:

Implementing appropriate best management practices on construction sites protects and improves local surface water resources and community infrastructure investments.

#### Straw Blanket

Straw blankets are temporary control products designed to address erosion control and stabilization requirements around hills, slopes, banks, and wetlands.

#### Inlet Protection

Typical inlet protection that allows sediment to settle out before stormwater is discharged to the storm drain.

#### Silt Fence

Application of silt fencing to control muddy runoff from soil stockpile.

#### Exit/Entrance Pad

Temporary gravel construction entrance to prevent muddy tires from tracking sediment onto paved roads.

#### Filter Log Installation

Make sure filter log stakes are spaced to prevent undercutting or bypasses. Leave stake tops extended along sections to prevent drive-overs.



**For additional resources or  
questions:**

**Brandon Banks  
Resource Management Coordinator  
blbanks@co.madison.il.us  
(618) 296-5237  
Website:  
[www.madisoncountybz.com](http://www.madisoncountybz.com)**



# Resource Management

Program Updates: Fall/Winter

Brandon Banks – Resource Management Coordinator





# Resource Management

## Fall/Winter Updates

- Household Hazardous Waste Facility
- Electronic Waste Collection Data
- 24<sup>th</sup> Anniversary Christmas Tree Recycling Locations
- Municipal Tire Collection
- 2022 Environmental Grant Release

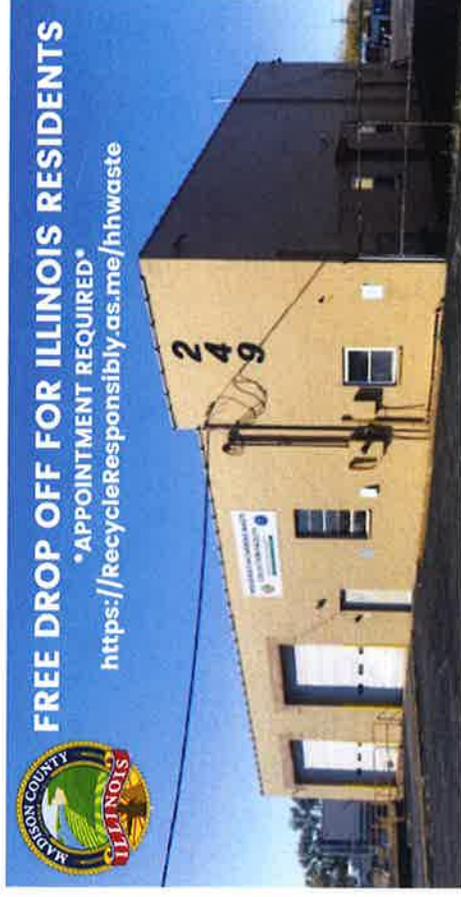
# HOUSEHOLD HAZARDOUS WASTE FACILITY



- Permanent site – Opened Nov. 6th
- Free to Illinois Residents
- Open 1<sup>st</sup> Saturday & 3<sup>rd</sup> Friday – Monthly
- 249 N. Old St. Louis Rd. Wood River, IL

• **\*Appointment Required\***

YTD	Pounds Collected
Sat., Nov 6th	17,666 lbs
Fri., Nov 19th	8,928 lbs
Sat., Dec 4th	6,612 lbs
<b>Total YTD</b>	<b>33,206 lbs</b>



## HOUSEHOLD HAZARDOUS WASTE COLLECTION SITE

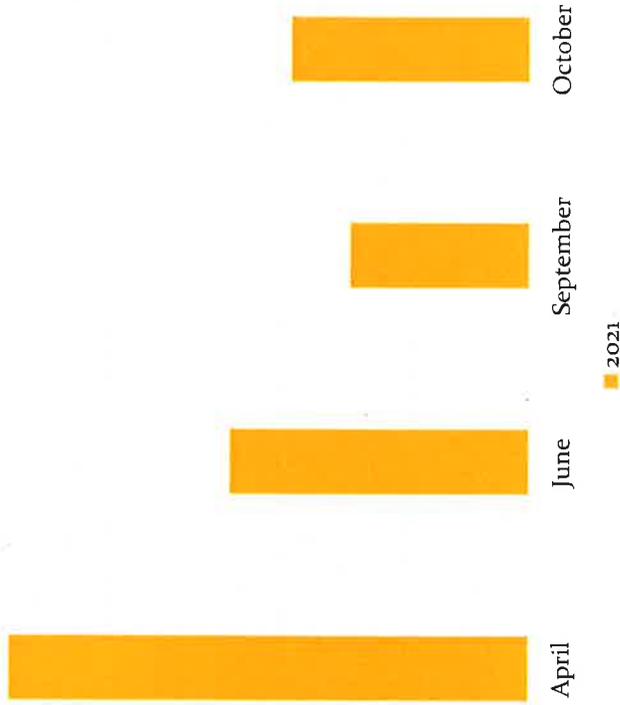
OPEN EVERY MONTH – 1st Saturday & 3rd Friday



249 N. Old St. Louis Rd. Wood River, Illinois



# Electronic Waste Collection



Month	LBS	TONS
April	81,527	40.7
June	63,922	~32
September	54,230	27.1
October	59,014	29.5
<b>TOTAL</b>	<b>258,693</b>	<b>129.35</b>

# 2021-2022 Christmas Tree Drop-off Locations



## 2021-2022 Madison County Christmas Tree Recycling Drop-Off Locations

Municipality/Township	Drop-Off Locations	Address	Curbside Pick-Up?	Comments
Alhambra/Alhambra Township	Village Maintenance Shed	421 Elm St, Alhambra	Yes, please call 618-488-3505 to request	
Alton (5 locations)	<ol style="list-style-type: none"> <li>Riverview Park – Park Ave</li> <li>Haskell Park – 1211 Henry St.</li> <li>James Killion Park at Salu – Washington Ave at Salu</li> <li>Milton Park – End of Aberdeen Ave.</li> <li>Former Great Central Lumber lot – at the foot of Henry St.</li> </ol>		No	
Chouteau Township	Township Garage	906 Thorngate Rd., Granite City	Yes, please call 618-991-6333 to request.	
Collinsville (2 locations)	<ol style="list-style-type: none"> <li>Willoughby Farm – 631 Willoughby Lane</li> <li>Woodland Park – 2 Pine Lake Road @ Fletcher Filed parking lot</li> </ol>		No	
Collinsville Township	Collinsville Township Road District	1407 N Bluff Rd, Collinsville	Yes, unincorporated Collinsville Township only	Curbside pickup for unincorporated Collinsville Township ONLY
Village of East Alton	City Garage	331 Playground Ct.	Yes	Hours: 7AM to 3PM
Edwardsville	Winston Brown Recreation Complex	1325 Schiller Avenue	No	Hoppe Park, West end of parking lot
Edwardsville Township	Township Community Park	6368 Center Grove Rd, Edwardsville, near dumpster	No	
Fort Russell Township**		5456 Buchta Rd. Bethalto, IL	No	
Foster Township	Township Garage	4754 Fosterburg Rd, Alton	No	Behind Foster Township highway garage

## 2021-2022 Madison County Christmas Tree Recycling Drop-Off Locations

Municipality/Township	Drop-Off Locations	Address	Curbside Pick-Up?	Comments
Glen Carbon **	New Firehouse (across from Casey's)	199 S. Main St., Glen Carbon	No	Hours: 8AM to 430PM Monday - Sunday
Godfrey	Street Dept.	6212 Godfrey Rd, Godfrey	No	
Granite City	Granite City Park District	Circle drive at end of 29th St., Granite City	No	Accepting trees from Dec 26-Jan 10
Hamel/Hamel Township	Township Highway Dept	403 N Old US Rte 66, Hamel	No	
Hartford**	Curbside & Alley Pick-Up Only		Yes	Must Call: 618-251-2691
Helvetia Township	Township Shed	12466 Buckeye Rd, Highland	No	
Leef Township	Township Garage	12905 Niggli Road N 160	no	
Madison	None, curbside only		Yes	
Marine Township	Township Shed	620 N Vernon St, Marine	No	
Village of Maryville**	None, curbside pickup only		Yes, please call 345-7028 x2326 or email <a href="mailto:streets@maryville-il.us">streets@maryville-il.us</a> to request pickup	<b>Trees Only</b> Charge for limbs and yard waste
Moro Township		117 Montgomery St., Moro	No	

## 2021-2022 Madison County Christmas Tree Recycling Drop-Off Locations

Municipality/Township	Drop-Off Locations	Address	Curbside Pick-Up?	Comments
Nameoki Township**	Township Shed	4250 Hwy 162, Granite City	Yes, Call 618-931-1290	Hours: 7AM to 3PM Monday-Friday
Olive Township	Olive Township Maintenance Facility	8363 E. Frontage Rd, New Douglas	No	For Livingston, Williamson & Olive Townships
Pin Oak Township	Pin Oak Township Highway Dept	3702 Tosovsky Ln, Edwardsville	No	
Saline Township	Saline Township Shed	3642 George St, Highland	No	
St. Jacob Township	Township Highway Dept.	10048 Ellis Rd, St. Jacob	No	
Troy	Tri-Township Park	410 Wickliffe St, Troy	No	
Wood River**	Compost Site	400 Smith Ct, Wood River	Yes, for the first two weeks of January only	Fri, Sat, Mon: 8AM to 4PM Sunday: 12PM to 4PM
Wood River Township	Wood River Township Building	1010 8th St, Cottage Hills	Yes	

\*\*CHANGE FROM PREVIOUS YEAR



# Municipal Tire Collection 2021



<b>YEAR</b>	<b>TONS</b>	<b># of GOV PARTICIPANTS</b>
2018	85.96	37
2019	118.75	37
2020	72.76	30
<b>2021</b>	<b>81.54</b>	<b>31</b>



# 2022 Environmental Grants: NOW AVAILABLE

## REIMBURSEMENT PROCESS & TIMELINE

- December 2021  
Grant Announced
- January 28, 2022  
Grant Application Due
- March, 2022  
Grant Applicants Notified
- October 21, 2022  
Reimbursement Request  
Deadline



- Open CAMERA
- Hover over QR CODE
- Link will open at the top



• [blbanks@co.madison.il.us](mailto:blbanks@co.madison.il.us)

## 2021 Groups and Organizations

Join APWA for half price by taking advantage of our "Never Been A Member" special offer

Join Now!

Jobs | Store | Cart | Members' Library | eLearning Portal | Join



Sign in



## 'In the Know' Articles

Identifying tips and practices for a more sustainable future



### **Madison County, Illinois cities recognized for their sustainability efforts**



MADISON COUNTY, IL – The cities of Alton and Highland were awarded earlier this year for their participation in the pilot program of the Green Cities Challenge, which was launched in 2015 as an extension of the St. Louis Green Business Challenge.

The Green Cities Challenge, developed by Sustainable St. Louis, Earthways Center of the Missouri Botanical Garden, and the St. Louis Regional Chamber, addresses the unique needs of municipalities to help implement sustainability strategies in everyday operations and to engage constituents, both residents and businesses.

Join APWA for half price by taking advantage of our "Never Been A Member" special offer

Join Now!

three years because of lighting upgrades and other energy efficiency strategies

The City of Highland was recognized for:

- Instituting a Complete Streets Policy
- Creating an opportunity for children to interact with nature in a mini-ecosystem at Silver Lake Park
- Establishing a community recycling policy for curbside recycling and City department

Both cities, who are sponsored in the challenge by Madison County Planning & Development Department, are building on these programs to further their work in sustainability.

"The City of Alton continues to explore opportunities to engage in efficient energy practices in order to maintain our current standard of living and preserve resources for future generations," said Alton Mayor Brant Walker.

"Having the opportunity to be a part of the Green Cities Initiative has shed new light on best management practices in the green industry," stated Mark Rosen, Highland's Director of Parks & Recreation. "We are excited to embark on incorporating new ideas to be an area leader in conserving and enhancing our environmental resources."

Other cities participating in the Green Cities Challenge are Chesterfield, Creve Coeur and Maplewood in Missouri, as well as Granite City in Illinois.

## News Article

### **For additional information:**

**City of Highland, Illinois** - Mark Rosen, Director of Parks and Recreation, [mdrosen@highlandil.gov](mailto:mdrosen@highlandil.gov)

**City of Alton, Illinois** - Matt Asselmeier, Deputy Director, Department of Development and Housing, [masselmeier@cityofaltonil.com](mailto:masselmeier@cityofaltonil.com)

**Madison County, Illinois** - Kim Petzing, Sustainability Coordinator, Planning & Development, [kspetzing@co.madison.il.us](mailto:kspetzing@co.madison.il.us)

**EarthWays Center of the Missouri Botanical Garden** - Jean Ponzi, Green Resources Manager, [greenresources@mobot.org](mailto:greenresources@mobot.org)

**For resources and tools related to sustainability, visit the Center for Sustainability (C4S) and C4S Toolkit.**

## Chapters



**AGENDA**  
**APWA Illinois Chapter; Gateway Branch**  
**General Membership Meeting**  
**Bella Milano Restaurant, O'Fallon, IL**  
**Date: 04/05/2022**

President: Jeff Reis  
Secretary: Troy Turner

Vice President: Brian Schmidt  
Treasurer: Amanda Dioneda

Past President: Lori Daiber

Directors:       2-yr: Rebecca Tharp, Tim Ahrens, Ryan Zwijsack  
                  1-yr: Bob Hotz, Joe Gillespie, Tom Cissell

**Introduction of Attendees**

**Secretary's Report** – Approval of Minutes – Troy Turner

**Treasurer's Report** – Approval of Report – Amanda Dioneda

**Old Business** – None

**New Business**

1. Branch Dues - \$20
2. Illinois Chapter Meeting held March 18<sup>th</sup> in Carbondale
  - a. Fill-a-Truck Food Drive
  - b. National Public Works Week – May 15-21, 2022 – Resources at [npww.apwa.net](http://npww.apwa.net)
  - c. Consider bringing a young professional to the June branch meeting
3. Next Illinois Chapter Meeting May 4<sup>th</sup> in Peoria at State Conference – 3:00 PM
4. State Conference May 4<sup>th</sup> – 6<sup>th</sup>
  - i. May 4<sup>th</sup> - Awards Dinner
  - ii. May 5<sup>th</sup> - Conference
  - iii. May 6<sup>th</sup> - Golf @ 10:00 AM
5. Gateway Branch will be hosting the State Chapter meeting on September 23<sup>rd</sup> – Location TBD
6. IPSI (Illinois Public Service Institute)
  - a. April 24-29, 2022, Effingham IL
  - b. October 2-7, 2022, Effingham IL
  - c. Registration - [www.ilpsi.org](http://www.ilpsi.org)
7. MAPSI (Midwest Advanced Public Service Institute)
  - a. April 10-13, 2022, St. Joseph, Michigan
  - b. Registration - [www.themapsi.org](http://www.themapsi.org)
8. 2022 PWX - Public Works Expo, August 28-31, 2022, Charlotte, NC
9. Annual Chapter Golf Outing – Belk Park, September 9<sup>th</sup>
  - a. Possible earlier start time – 10:00 or 11:00 AM?
  - b. Pick-up lunch at the clubhouse on the turn
10. Next Meeting of Gateway Branch, June 7<sup>th</sup> (Bella Milano – Edwardsville)

**Presentation – Bryan Carlo (SCI Engineering) – “Cultural Resource Investigations in Illinois: Triggers and Timeframes”**

**Adjournment**



# ILLINOIS NUTRIENT LOSS REDUCTION STRATEGY

Improving our  
water resources  
with collaboration  
and innovation

Nutrient pollution is a major threat to water quality in Illinois. Over the decades, state and local efforts to control nutrients have yielded positive results, but new strategies are needed to improve the effectiveness of existing water quality programs and secure the long-term health of water bodies in Illinois and throughout the Mississippi River Basin.

## What is nutrient pollution?

Plants and animals need nitrogen and phosphorus to survive. But when too much of either is carried in runoff from city streets and farm fields or flows out of wastewater treatment plants, it can fuel algal blooms that decrease oxygen needed by aquatic plants and animals. In the Gulf of Mexico, nutrients washed down by the Mississippi River have created a 'dead zone' that covers thousands of square miles. Algal blooms also lower property values, hinder recreation, and threaten public health. In addition, nutrient pollution can degrade drinking water quality and require utilities to install costly treatment equipment.



## What is Illinois doing to address the problem?

To help protect local streams and the Gulf, Illinois and 11 other states in the Mississippi River Basin have pledged to develop strategies to reduce the nutrient loads leaving their borders.

These strategies are part

of a national plan developed by the Mississippi River, Gulf of Mexico Watershed Nutrient Task Force to reduce the size of the Gulf of Mexico hypoxic zone.

The Illinois Nutrient Loss Reduction Strategy builds on existing efforts by state and local governments, as well as non-profits and industry, to protect and restore Illinois waterways.

## Key Strategy Components

1. Extends ongoing regulatory and voluntary efforts
2. Identifies priority watersheds for nutrient loss reduction efforts
3. Establishes the Nutrient Monitoring Council to coordinate water quality monitoring efforts by government agencies, universities, non-profits, and industry
4. Creates the Nutrient Science Advisory Committee to develop numeric nutrient criteria for Illinois waters
5. Forms the Agricultural Water Quality Partnership Forum to oversee outreach and education efforts
6. Establishes the Urban Stormwater Working Group to coordinate and improve stormwater programs and education
7. Lays out strategies for improving collaboration among government, non-profits, and industry
8. Defines a process for regular review and revision

## What does the strategy call for?

The Illinois Nutrient Loss Reduction Strategy lays out a comprehensive suite of best management practices for reducing loads from wastewater treatment plants and urban and agricultural runoff. Recommended activities target the state's most critical watersheds and are based on the latest science and best-available technologies. Along with water quality standards currently being developed, these practices will help the state achieve its ultimate goal of reducing phosphorus and nitrate loads by 45 percent.

The strategy also calls for more collaboration among state and federal agencies, cities, non-profits, and technical experts.



## How was the Illinois Nutrient Loss Reduction Strategy developed?

The strategy was developed by a policy working group led by the Illinois Water Resources Center, the Illinois Environmental Protection Agency, and the Illinois Department of Agriculture. Group members included representatives from state and federal agencies, agriculture, and non-profit organizations as well as scientists and wastewater treatment professionals. By relying on the expertise of diverse stakeholders, the working group developed a cost-effective strategy that meets community and industry needs while still reducing the negative impacts of nutrient pollution on environmental and public health.

## For more information:

- [www.epa.illinois.gov/topics/water-quality/watershed-management/excess-nutrients/nutrient-loss-reduction-strategy/index](http://www.epa.illinois.gov/topics/water-quality/watershed-management/excess-nutrients/nutrient-loss-reduction-strategy/index)
- [water.epa.gov/type/watersheds/named/msbasin/](http://water.epa.gov/type/watersheds/named/msbasin/)



Photo courtesy of David Riecks; other photos courtesy of Illinois-Indiana Sea Grant

This report was prepared using United States Environmental Protection Agency funds under Section 319 of the Clean Water Act distributed through the Illinois Environmental Protection Agency. The findings and recommendations contained herein are not necessarily those of the funding agencies.





**EAST-WEST GATEWAY**  
Council of Governments



## EVENT DETAIL

◀ All Events

### Water Resources Committee (WRC) Virtual Meeting



DUE TO THE OUTBREAK OF COVID-19, THE COUNCIL'S OFFICES ARE CURRENTLY CLOSED TO THE PUBLIC AND WILL BE UNTIL FURTHER NOTICE

You can listen, talk, and/or view the February 4, 2021, meeting via:

Computer:

<https://global.gotomeeting.com/join/839034973>

Access code for meeting through computer: 839-034-973

Or

Phone:

+1(872) 240-3212

[Meeting packet for January 2021](#)

You can find more information about the WRC, including past meeting packets, on the [Committees](#) page.

+ Add to gCal

+ Add to iCal

**Details**

**Date:** February 04 **Time:** 10:30 am - 11:45 am

**Event Categories:** [Environmental](#), [WRC](#)

**Venue**

VIRTUAL ACCESS

**STAY CONNECTED**

**SIGN UP**



**AGENDA**  
**WATER RESOURCES ADVISORY COMMITTEE**  
**Friday, November 5, 2021**  
**10:30 AM – 12:00 PM**  
**VIRTUAL MEETING - GoToMeeting**

**DUE TO COVID-19 OUTBREAK, EAST-WEST GATEWAY'S OFFICES ARE CURRENTLY CLOSED TO THE PUBLIC AND WILL BE UNTIL FURTHER NOTICE**

You can listen, talk, and/or view the meeting via:

**Computer - <https://global.gotomeeting.com/join/544001813>**

Access code for meeting through computer: **544-001-813**

**Or Phone - [+1 \(571\) 317-3122](tel:+1(571)317-3122)**

1. CALL TO ORDER - Carol Lawrence, Chair, East-West Gateway Council of Governments
2. DISCUSSION ITEMS
  - A. Update Grand Glaize Creek Watershed Management Plan Efforts**
    - Jay Hoskins, Metropolitan St. Louis Sewer District
  - B. Silver Lake Watershed Project**
    - Mark Rosen, City of Highland, IL
  - C. Urban Stormwater Flooding Research**
    - Bob Criss, Washington University
  - D. Report on Mississippi River Plastics Pollution Initiative**
    - Jennifer Wendt, Mississippi Rivers Cities and Towns Initiative
3. OTHER BUSINESS/ANNOUNCEMENTS
4. ADJOURNMENT

Chair

Kurt Prenzler  
Chairman  
Madison County Board

Vice Chair

Dennis Gannon  
County Executive, Jefferson County

2nd Vice Chair

Mark A. Kern  
Chairman, St. Clair County Board

Executive Committee

Tim Brinker  
Presiding Commissioner  
Franklin County  
Steve Ehlmann  
County Executive  
St. Charles County

Tishaura Jones  
Mayor  
City of St. Louis

Vicki Koerber  
County Board Chairman  
Monroe County

Dr. Sam Page  
County Executive, St. Louis County

Members

Terry Briggs  
President  
Municipal League of Metro St. Louis

Ron Counts  
Mayor, City of Arnold  
Jefferson County

Honorable Rita Heard Days  
Councilwoman, 1st Council District  
St. Louis County

Robert Eastern III  
Mayor, City of East St. Louis

Mark Kupsy  
President, Southwestern Illinois  
Council of Mayors

Roy Mosley  
St. Clair County

Lewis Reed  
President, Board of Aldermen  
City of St. Louis

David Schwind  
Madison County

Herbert Simmons  
President, Southwestern Illinois  
Metropolitan & Regional  
Planning Commission

Seth Speiser  
Vice President, Southwestern Illinois  
Council of Mayors

Donald R. Summers, Jr.  
St. Louis County

John White  
St. Charles County

Regional Citizens

Barbara Geisman  
C. William Grogan  
John A. Laker  
Ron Williams

Non-voting Members

Holly Bieneman

Illinois Department of Transportation  
Vacant

Illinois Department of Commerce  
and Economic Opportunity

Patrick McKenna  
Missouri Department of Transportation

Taulby Roach  
Bi-State Development

Aaron Willard  
Missouri Office of Administration

Executive Director

James M. Wild

Gateway Tower  
One Memorial Drive, Suite 1600  
St. Louis, MO 63102-2451

314-421-4220  
618-274-2750  
Fax 314-231-6120

webmaster@ewgateway.org  
www.ewgateway.org

**AGENDA**  
**WATER RESOURCES ADVISORY COMMITTEE**  
**Friday, February 25, 2022**  
**10:30 AM – 12:00 PM**  
**VIRTUAL MEETING - GoToMeeting**

DUE TO COVID-19 OUTBREAK, EAST-WEST GATEWAY'S OFFICES ARE CURRENTLY CLOSED TO THE PUBLIC AND WILL BE UNTIL FURTHER NOTICE

1. CALL TO ORDER - Carol Lawrence, Chair, East-West Gateway Council of Governments
2. DISCUSSION ITEMS
  - A. **Tower Grove Park East Stream Project**
    - Bill Reininger, Tower Grove Park
  - B. **Piasa Island Habitat Restoration and Enhancement Project**
    - Brian Markert, U.S. Army Corps of Engineers
  - C. **Upcoming Infrastructure Projects**
    - Shawn Sullivan, U.S. Army Corps of Engineers
3. OTHER BUSINESS/ANNOUNCEMENTS
4. ADJOURNMENT

**2021 Erosion and Sediment Control  
BMP Training**

## What can be done to control soil erosion and provide sediment control?

### ✓ Preventative Action

Numerous studies show that it is more cost effective and institutionally feasible to develop measures to prevent or reduce pollutants in stormwater during new development than to correct problems caused by these pollutants later.

#### Establish Local Ordinances:

Many counties and municipalities have adopted soil erosion and sediment control ordinances which, when consistently enforced and coordinated with state and federal permit authorities, can be an extremely effective method to minimize damages caused by erosion and sediment.

#### Incorporate Soil Erosion and Sediment Control As An Integral Part of Construction:

Planning for soil erosion and sediment control should be considered as important as any other component of the development process. Proper implementation and maintenance of planned practices will assure that costs incurred will be offset by economic, environmental and other benefits.

WWW.MADISONCOUNTYBZ.COM

## Let's work together on your property!

SCAN THE QR CODE FOR MORE RESOURCES



Soil is a valuable natural resource that is vital to the maintenance of the natural environment as we know it.

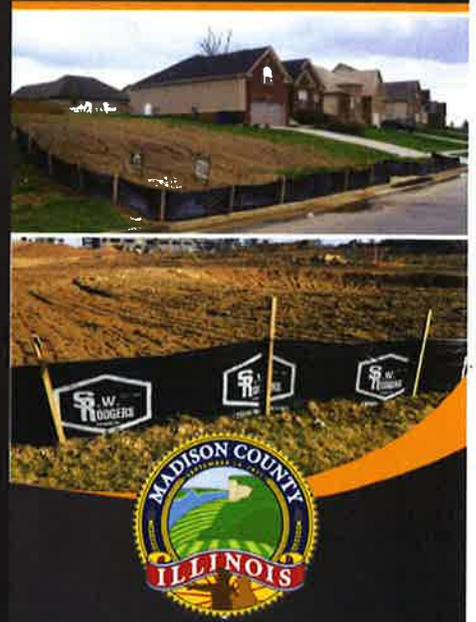
#### CONTACT INFO:

Madison County Building & Zoning  
157 N. Main Street, Suite 254  
Edwardsville, IL 62025  
(618) 296-4468  
Zoning@co.madison.il.us



WWW.MADISONCOUNTYBZ.COM

## Sediment & Erosion Control



MADISON COUNTY  
ILLINOIS

WWW.MADISONCOUNTYBZ.COM



#### WHY SHOULD YOU BE CONCERNED ABOUT SOIL EROSION & SEDIMENT CONTROL?

**It's The Law:** Soil erosion and sediment control requirements are part of several Federal and State regulations and are often required by local ordinances as well.

**Surface Water Quality:** Based on the most recent IEPA Integrated Water quality Report, 38% of Illinois streams and more than 46% of lake acres assessed are adversely impacted by nonpoint source (NPS) pollutants. Urban runoff and construction site erosion have been identified as significant sources of this pollution.

**Chemical Pollutants:** Chemicals, such as some pesticides, phosphorus, as well as toxicants and trace metals, can be transported with sediment to receiving waters where they cause additional damage to aquatic ecosystems.

**Fish and Aquatic Plants:** Suspended solids reduce sunlight penetration needed for aquatic plants, reduce survival rates for fish eggs, interfere with fish feeding habits, and clog and damage fish gills which increases risk of infection and disease. Sediment deposits destroy fish spawning areas, resulting in the loss of sensitive or threatened fish species, adversely impact aquatic insects which are at the base of the food chain, reduce channel capacity, and decrease the overall quality of lakes, streams, and wetlands.

**Flooding:** Sediment accumulation reduces stormwater conveyance and storage functions of streams, wetlands, storm sewers, detention basins, highway drainage ditches, and floodplains, which can result in flooding.

<< Drive stakes every 3-4 feet along the filter log.

# We want to help you!

#### Filter Log Installation



Do

#### WHAT IS SOIL EROSION?

Soil erosion is the detachment and movement of soil particles by water, wind, ice, or gravity.

#### WHAT IS SEDIMENT?

Sediment is the result of erosion. Once soil particles have detached from the surface, are transported from their site of origin and have come to rest on other ground surfaces or in bodies of water or wetlands, they are referred to as sediment.



### Construction Erosion & Sedimentation



Do Inlet Protection



Do Silt Fence



Do Exit/Entrance Pad

#### CONSTRUCTION SITES

Construction site erosion is a significant source of sediment and other NPS pollutants. Soil erosion from a construction site without proper soil erosion and sediment control practices in place can average between 10-20 tons/acre/year. This is ten to twenty times greater than typical soil losses on agricultural lands.



Do

Straw Blanket

#### Best Management Practices:

Implementing appropriate best management practices on construction sites protects and improves local surface water resources and community infrastructure investments.

#### Straw Blanket

Straw blankets are temporary control products designed to address erosion control and stabilization requirements around hills, slopes, banks, and wetlands.

#### Inlet Protection

Typical inlet protection that allows sediment to settle out before stormwater is discharged to the storm drain.

#### Silt Fence

Application of silt fencing to control muddy runoff from soil stockpile.

#### Exit/Entrance Pad

Temporary gravel construction entrance to prevent muddy tires from tracking sediment onto paved roads.

#### Filter Log Installation

Make sure filter log stakes are spaced to prevent undercutting or bypasses. Leave stake tops extended along sections to prevent drive-overs.

# 2021 Construction Site Inspector's Training



# Stormwater Phase II Final Rule

## Post-Construction Runoff Control Minimum Control Measure

### Stormwater Phase II Final Rule Fact Sheet Series

#### Overview

1.0 – Stormwater Phase II Final Rule: An Overview

#### Small MS4 Program

2.0 – Small MS4 Stormwater Program Overview

2.1 – Who's Covered? Designation and Waivers of Regulated Small MS4s

2.2 – Urbanized Areas: Definition and Description

#### Minimum Control Measures

2.3 – Public Education and Outreach

2.4 – Public Participation/Involvement

2.5 – Illicit Discharge Detection and Elimination

2.6 – Construction Site Runoff Control

2.7 – Post-Construction Runoff Control

2.8 – Pollution Prevention/Good Housekeeping

2.9 – Permitting and Reporting: The Process and Requirements

2.10 – Federal and State-Operated MS4s: Program Implementation

#### Construction Program

3.0 – Construction Program Overview

3.1 – Construction Rainfall Erosivity Waiver

#### Industrial "No Exposure"

4.0 – Conditional No Exposure Exclusion for Industrial Activity

This fact sheet profiles the Post-Construction Runoff Control minimum control measure, one of six measures that the operator of a Phase II regulated small municipal separate storm sewer system (MS4) is required to include in its stormwater management program in order to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit. This fact sheet outlines the Phase II Final Rule requirements for post-construction runoff control and offers some general guidance on how to satisfy those requirements. It is important to keep in mind that the small MS4 operator has a great deal of flexibility in choosing exactly how to satisfy the minimum control measure requirements.

### Why Is The Control of Post-Construction Runoff Necessary?

Post-construction stormwater management in areas undergoing new development or redevelopment is necessary because runoff from these areas has been shown to significantly affect receiving waterbodies. Many studies indicate that prior planning and design for the minimization of pollutants in post-construction stormwater discharges is the most cost-effective approach to stormwater quality management.

There are generally two forms of substantial impacts of post-construction runoff. The first is caused by an increase in the type and quantity of pollutants in stormwater runoff. As runoff flows over areas altered by development, it picks up harmful sediment and chemicals such as oil and grease, pesticides, heavy metals, and nutrients (e.g., nitrogen and phosphorus). These pollutants often become suspended in runoff and are carried to receiving waters, such as lakes, ponds, and streams. Once deposited, these pollutants can enter the food chain through small aquatic life, eventually entering the tissues of fish and humans. The second kind of post-construction runoff impact occurs by increasing the quantity of water delivered to the waterbody during storms. Increased impervious surfaces (e.g., parking lots, driveways, and rooftops) interrupt the natural cycle of gradual percolation of water through vegetation and soil. Instead, water is collected from surfaces such as asphalt and concrete and routed to drainage systems where large volumes of runoff quickly flow to the nearest receiving water. The effects of this process include streambank scouring and downstream flooding, which often lead to a loss of aquatic life and damage to property.

### What Is Required?

The Phase II Final Rule requires an operator of a regulated small MS4 to develop, implement, and enforce a program to reduce pollutants in post-construction runoff to their MS4 from new development and redevelopment projects that result in the land disturbance of greater than or equal to 1 acre. The small MS4 operator is required to:

- Develop and implement strategies which include a combination of structural and/or non-structural best management practices (BMPs);
- Have an ordinance or other regulatory mechanism requiring the implementation of post-construction runoff controls to the extent allowable under State, Tribal or local law;

- Ensure adequate long-term operation and maintenance of controls;
- Determine the appropriate best management practices and measurable goals for this minimum control measure.

### What Is Considered a “Redevelopment” Project?

The Phase II Final Rule applies to “redevelopment” projects that alter the “footprint” of an existing site or building in such a way that there is a disturbance of equal to or greater than 1 acre of land. Redevelopment projects do not include such activities as exterior remodeling. Because redevelopment projects may have site constraints not found on new development sites, the Phase II Final Rule provides flexibility for implementing post-construction controls on redevelopment sites that consider these constraints.

### What Are Some Guidelines for Developing and Implementing This Measure?

This section includes some non-structural and structural BMPs that could be used to satisfy the requirements of the post-construction runoff control minimum measure. It is important to recognize that many BMPs are climate-specific, and not all BMPs are appropriate in every geographic area. Because the requirements of this measure are closely tied to the requirements of the construction site runoff control minimum measure (see Fact Sheet 2.6), EPA recommends that small MS4 operators develop and implement these two measures in tandem.

#### Non-Structural BMPs

- **Planning Procedures.** Runoff problems can be addressed efficiently with sound planning procedures. Local master plans, comprehensive plans, and zoning ordinances can promote improved water quality in many ways, such as guiding the growth of a community away from sensitive areas to areas that can support it without compromising water quality.
- **Site-Based BMPs.** These BMPs can include buffer strip and riparian zone preservation, minimization of disturbance and imperviousness, and maximization of open space.

#### Structural BMPs

- **Stormwater Retention/Detention BMPs.** Retention or detention BMPs control stormwater by gathering runoff in wet ponds, dry basins, or multichamber catch basins and slowly releasing it to receiving waters or drainage systems. These practices can be designed to both control stormwater volume and settle out particulates for pollutant removal.

- **Infiltration BMPs.** Infiltration BMPs are designed to facilitate the percolation of runoff through the soil to ground water, and, thereby, result in reduced stormwater runoff quantity and reduced mobilization of pollutants. Examples include infiltration basins/trenches, dry wells, and porous pavement.
- **Vegetative BMPs.** Vegetative BMPs are landscaping features that, with optimal design and good soil conditions, remove pollutants, and facilitate percolation of runoff, thereby maintaining natural site hydrology, promoting healthier habitats, and increasing aesthetic appeal. Examples include grassy swales, filter strips, artificial wetlands, and rain gardens.

### What Are Appropriate Measurable Goals?

Measurable goals, which are required for each minimum control measure, are intended to gauge permit compliance and program effectiveness. The measurable goals, as well as the BMPs, should reflect needs and characteristics of the operator and the area served by its small MS4. Furthermore, the measurable goals should be chosen using an integrated approach that fully addresses the requirements and intent of the minimum control measure.

EPA has developed a Measurable Goals Guidance for Phase II MS4s that is designed to help program managers comply with the requirement to develop measurable goals. The guidance presents an approach for MS4 operators to develop measurable goals as part of their stormwater management plan. For example, an MS4 program goal might be to reduce by 30 percent the road surface areas directly connected to storm sewer systems (using traditional curb and gutter infrastructure) in new developments and redevelopment areas over the course of the first permit term. Using “softer” stormwater conveyance approaches, such as grassy swales, will increase infiltration and decrease the volume and velocity of runoff leaving development sites. Progress toward the goal could be measured by tracking the linear feet of curb and gutter not installed in development projects that historically would have been used.

## For Additional Information

### Contacts

- ☞ U.S. EPA Office of Wastewater Management  
<http://www.epa.gov/npdes/stormwater>  
Phone: 202-564-9545
  
- ☞ Your NPDES Permitting Authority. Most States and Territories are authorized to administer the NPDES Program, except the following, for which EPA is the permitting authority:  

Alaska	Guam
District of Columbia	Johnston Atoll
Idaho	Midway and Wake Islands
Massachusetts	Northern Mariana Islands
New Hampshire	Puerto Rico
New Mexico	Trust Territories
American Samoa	
  
- ☞ A list of names and telephone numbers for each EPA Region and State is located at <http://www.epa.gov/npdes/stormwater> (click on “Contacts”).

### Reference Documents

- ☞ EPA’s Stormwater Web Site  
<http://www.epa.gov/npdes/stormwater>
  - Stormwater Phase II Final Rule Fact Sheet Series
  - Stormwater Phase II Final Rule (64 *FR* 68722)
  - National Menu of Best Management Practices for Stormwater Phase II
  - Measurable Goals Guidance for Phase II Small MS4s
  - Stormwater Case Studies
  - And many others
  
- ☞ Other EPA Web sites
  - Ordinance Database  
[www.epa.gov/owow/nps/ordinance](http://www.epa.gov/owow/nps/ordinance)
  - Urban Nonpoint Source Guidance  
[www.epa.gov/owow/nps/urbanmm/index.html](http://www.epa.gov/owow/nps/urbanmm/index.html)
  - Low Impact Development Web site  
[www.epa.gov/owow/nps/lid](http://www.epa.gov/owow/nps/lid)



# Stormwater Routine Inspection Form

## Control Measures

Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.

- Identify if maintenance or corrective action is needed.
- If maintenance is needed, fill out section B of this template
- If corrective action is needed, fill out section G of this template

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
7	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
8	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
9	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
10	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed

## Areas of Industrial Materials or Activities Exposed to Stormwater

Below are some general areas that should be assessed during routine inspections:

- Customize this list as needed for the specific types of industrial materials or activities at your facility that are potential pollutant sources.
- Identify if maintenance or corrective action is needed.
- If maintenance is needed, fill out section B of this template. If corrective action is needed, fill out section G of this template.

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective and operating)?	Maintenance or Corrective Action Needed and Notes
1	Material loading/unloading and storage areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
2	Equipment operations and maintenance areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
3	Fueling areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
4	Outdoor vehicle and equipment washing areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
5	Waste handling and disposal areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
6	Erodible areas/construction	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
7	Non-stormwater/ illicit connections	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
8	Salt storage piles or pile containing salt	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed

## Stormwater Routine Inspection Form

### Areas of Industrial Materials or Activities Exposed to Stormwater

Below are some general areas that should be assessed during routine inspections:

- Customize this list as needed for the specific types of industrial materials or activities at your facility that are potential pollutant sources.
- Identify if maintenance or corrective action is needed.
- If maintenance is needed, fill out section B of this template. If corrective action is needed, fill out section G of this template.

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective and operating)?	Maintenance or Corrective Action Needed and Notes
9	Dust generation and vehicle tracking	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	N/A
10	Processing areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	N/A
11	Areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	N/A
12	Immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	N/A
13	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	N/A
14	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	N/A

### Discharge Points

At discharge points, describe any evidence of, or the potential for, pollutants entering the drainage system. Also describe observations regarding the physical condition of and around all outfalls, including any flow dissipation devices, and evidence of pollutants in discharges and/or the receiving water. Identify if any corrective action is needed.

### Non-Compliance

## Stormwater Routine Inspection Form

Describe any incidents of non-compliance observed and not described above:

### Additional Control Measures

Describe any additional control measures needed to comply with the permit requirements:

### Notes

Use this space for any additional notes or observations from the inspection:

### Certification Statement (Refer to permit for Signatory Requirements)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Name:		B. Title:	
C. Signature:		D. Date Signed:	

# Stormwater Visual Assessment Form

(Complete a separate form for each assessed outfall)

Facility Assessment Information			
Name of Facility:		Permit Auth. No.	
Outfall Name:	"Substantially Identical Discharge Point"?		<input type="checkbox"/> Yes <input type="checkbox"/> No
Person(s)/Title(s) collecting sample:			
Person(s)/Title(s) examining sample:			
Date & Time Discharge		Date & Time Sample Collected:	Date & Time Sample Examined:
Substitute Sample? <input type="checkbox"/> No <input type="checkbox"/> Yes			
Nature of Discharge: <input type="checkbox"/> Rainfall <input type="checkbox"/> Snowmelt			
Rainfall Amount:		Previous Storm Ended > 72 hours Before Start of This Storm? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Pollutants Observed			
Color	<input type="checkbox"/> None <input type="checkbox"/> Other	(Describe): _____	
Odor	<input type="checkbox"/> None <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Petroleum/Gas <input type="checkbox"/> Solvents <input type="checkbox"/> Other (Describe): _____		
Clarity	<input type="checkbox"/> Clear <input type="checkbox"/> Slightly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/> Opaque <input type="checkbox"/> Other		
Floating Solids	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Settled Solids**	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Suspended Solids	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Foam (gently shake sample)	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Oil Sheen	<input type="checkbox"/> None <input type="checkbox"/> Flecks <input type="checkbox"/> Globs <input type="checkbox"/> Sheen <input type="checkbox"/> Slick <input type="checkbox"/> Other (Describe): _____		
Other Obvious Indicators of Stormwater Pollution	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
<p>* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.</p> <p>** Observe for settled solids after allowing the sample to sit for approximately one-half hour.</p>			
<p><b>Identify probable sources of any observed stormwater contamination. Also, include any additional comments, descriptions of pictures taken, and any corrective actions necessary below (attach additional sheets as necessary).</b></p>   			
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# IAFSM 2022 Annual Conference



# IAFSM

**Illinois Association for  
Floodplain and Stormwater Management**

## **2022 Annual Conference**

**Tuesday & Wednesday  
March 8 & 9, 2022**

**Bloomington-Normal Marriott  
Hotel & Conference Center  
Normal, Illinois**

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

## LOCATION AND LODGING

**Location:** The conference is at the Bloomington-Normal Marriott Hotel & Conference Center -Normal, IL 201 Broadway Ave., Normal, IL 61761, [www.marriott.com](http://www.marriott.com).

**Lodging:** A special conference rate of \$137 plus tax, for a standard room, per night, has been established at the Marriott. The hotel is full. If you have reserved a room but need to cancel, please contact Sarah Harbaugh at [iafsm@illinoisfloods.org](mailto:iafsm@illinoisfloods.org). She will then make arrangements to switch the reservation to an attendee on the waiting list. If you would like to be added to the waiting list, please let Sarah know.

IAFSM does have an additional block of rooms at the Hyatt across the street. The rate for that block is \$149. You can book a room at the Hyatt by following this link: <https://www.hyatt.com/en-US/group-booking/PIAZN/G-IAFS>. The same rule applies; if you reserve a room and need to cancel, please let us know so we can switch the reservation.

**Registration:** Registration covers lunches, breaks, materials and your 2022-2023 IAFSM membership. **Discount on or before February 11, 2022 (\$430).** If you register after February 4th the cost for the conference is \$490. The deadline for registrations and cancellations is February 18, 2022. If you must cancel due to COVID after February 18, 2022 you will be refunded your conference fee less IAFSM's costs.

Please follow the link below to register on-line.

<https://www.illinoisfloods.org/meetings/register/options/1023>

## 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 Feb 11	After Feb 12, thru Feb 18
Exhibitor Fee	\$800	\$900
Registration Fee	\$430	\$490
Full Time Student Registration Fee ( <i>2 day conference</i> ) Please contact Sarah Harbaugh at <a href="mailto:iafsm@illinoisfloods.org">iafsm@illinoisfloods.org</a> to arrange for this special rate)	\$165	\$165
Full Time Student Registration Fee ( <i>half day sessions - no meals</i> ) Please contact Sarah Harbaugh at <a href="mailto:iafsm@illinoisfloods.org">iafsm@illinoisfloods.org</a> to arrange for this special rate)	Free	Free

## CFM EXAMINATION

The Certified Floodplain Manager exam will be conducted at the Tinley Park Convention Center on Monday, March 7, 2022 from 6:00 – 9:00 PM. If you want to take the Floodplain Manager Certification Exam on March 7, 2022 the **ASFPM** must receive the CFM application packet and fee by February 25th. The application packet is available on our website, <https://www.illinoisfloods.org/about-iafsm/floodplain-manager-certification>.

## COMMUNITY RATING SYSTEM (CRS)

**CRS:** Lou Ann Patellaro, ISO will be exhibiting this year. If you are interested in the CRS or have questions, please visit her at her booth in the exhibitor hall.

## 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-2022> **App Download URL:** <https://crowd.cc/s/49GZ6>



A special thanks to our sponsors to date:

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*An Employee-Owned Company*



*Silver*

**Michael Baker**

**INTERNATIONAL**



**Silver**



***Hey and Associates, Inc.***  
Engineering, Ecology and Landscape Architecture



Christopher B. Burke Engineering, Ltd.



**Bronze**



engineers | scientists | innovators

**LOCHNER**

We look forward to viewing these  
early bird exhibitors

**BAXTER & WOODMAN**  
Consulting Engineers



**I** UNIVERSITY OF  
**ILLINOIS**  
URBANA - CHAMPAIGN



 **HANSON**  
Engineering | Planning | Allied Services

**ENVIRONMENTAL  
CONSULTANTS**

**CONTECH**  
ENGINEERED SOLUTIONS



**StormTrap**

MODULAR CONCRETE  
STORMWATER MANAGEMENT

 **ENGINEERING**  
RESOURCE ASSOCIATES

 **Farnsworth**  
GROUP

## Monday, March 7, 2022 (CFM Exam)

6:00 pm - 9:00 pm CFM Exam – The Certified Floodplain Manager exam will be conducted in the Redbird G at the Bloomington-Normal Marriott Hotel & Conference Center. See IAFSM's website for the application for the CFM exam, <https://www.illinoisfloods.org/about-iafsm/floodplain-manager-certification>. Applications must be received by ASFPM by February 22, 2022.

## Tuesday, March 8, 2022

- 8:00 am Registration  
Exhibits and continental breakfast - Exhibitor hall
- 9:00 am **Plenary Session**
- Welcome
  - Chad Pregacke, Founder of Living Lands & Waters
- 10:10 am Break - Exhibitor Hall
- 10:30 am **Concurrent Session 1**
- 1A Regulatory**
- ❖ IDNR Office of Water Resources Permit Program for NE Illinois
  - ❖ Illinois Environmental Protection Agency Permitting for Stormwater
  - ❖ Get Your Permit Faster: Avoiding Common Errors During Watershed Management Ordinance Permit Reviews
- 1B Floodplain Management**
- ❖ Violations and Variances
  - ❖ FEMA Post-Disaster Recovery: Substantial Damage Requirements and Recovery Resources
  - ❖ Waterway Restoration and Climate Resiliency
- 1C Mitigation**
- ❖ Floodplain Design and Innovations for 2022 Beyond
  - ❖ IDNR OWR Mitigation Programs
  - ❖ Illinois State Water Plan Update
- 1D Urban Flooding**
- ❖ Finding Green and Gray Infrastructure Opportunities in Chicago's Austin, Humboldt Park, and West Garfield Park Neighborhoods: A Masterplan Study of Social Equity and Building Resilient Community Infrastructure
  - ❖ Harrison Park Detention Pond Failure – Lessons Learned
  - ❖ Sugar Creek North Branch Streambank Stabilization
- 12:00 pm Lunch
- Lifetime Achievement Award
  - Rachel Sears, FEMA Headquarters
- 1:30 pm **Concurrent Session 2**
- 2A Community Rating System (CRS)**
- ❖ Community Rating System (CRS)
  - ❖ Participation in CRS with Minimal Staff and a Shoestring Budget
  - ❖ Annual CRS Requirements
- 2B Floodplain Management**
- ❖ Flood Insurance New Methodology, What Floodplain Managers Need to Know
  - ❖ Illinois Flood Center

- ❖ Automating HSPF Procedures for Event Selection and Model Calibration

**2C Climate Change and Urban Flooding**

- ❖ Current and Projected Changes in Precipitation Extremes in Illinois
- ❖ Peak-flow Frequency Analysis and Nonstationarity in Illinois
- ❖ Geneva Watershed Study – Case Study

**2D Stormwater in Cook County**

- ❖ StormStore™ – A Pilot Stormwater Credit Trading Market in Cook County
- ❖ When it Rains Money
- ❖ Leveraging Opportunities in an Urban Flood Control Master Plan, Case Study of an MWRD Funded Project in Harvey, IL

3:00 pm Break - Exhibitor Hall

3:20 pm **Concurrent Session 3**

**3A Community Rating System**

- ❖ FRESH Map and CRS Endangered Species Credit (90 Minute Session)

**3B Floodplain Management**

- ❖ Model Floodplain Ordinance Updates
- ❖ Davenport’s Flood Resiliency Plan
- ❖ Equitable Floodplain Management in Illinois

**3C Riverine Flooding**

- ❖ Updates Coming to Illinois StreamStats
- ❖ Hydraulic Modeling of Streams and Rivers in Illinois and Indiana: 1D or 2D, Which Approach is Better for Your Project?
- ❖ A Hydraulic Model for Routing Forecasted Flows to Support Reservoir Management Decisions

**3D Stormwater Resiliency**

- ❖ Climate-Based Transportation Resilience Planning
- ❖ 2022 Update: MWRD Stormwater Master Planning: Partnering for Resilient Communities (1 Hour Session)

4:50 -6:30 pm Social Hour - Exhibitor Hall

6:30 -7:30 pm Young Professionals After-Hours (Hotel Bar)

**Wednesday, March 9, 2022**

7:30 am IAFSM Board Meeting  
Registration & Continental Breakfast

8:30 – 9:00 am Young Professionals Meet-and-Greet Table (designated table in Redbird C&D )

9:00 am **Plenary Session**

- Silver Stars (French Wetmore, Molly O’Tolle, and Sally McConkey)
- Where Do We Go From Here and What Can I Do?, Dallas Alley

10:10 am Break

10:30 am **Concurrent Session 4**

**4A Planning and Permitting**

- ❖ Old Collinsville Road-Hydrologic & Hydraulic Permitting for Richland Creek
- ❖ How to plan for Climate Change: What If It Isn’t That Serious.?

- ❖ Lake Lou Yaeger – Sediment Reduction BMP's
- 4B Stormwater Management**
  - ❖ Pre-Vegetated Blankets: Providing Erosion Control While Preserving the Integrity, Stability & Beauty of the Native Plant Community
  - ❖ Tips for Site Visits of Localized Drainage Issues
  - ❖ TBD
- 4C Urban Flooding**
  - ❖ Stormwater Evolution of Alft Lane Watershed in Elgin, Illinois
  - ❖ Top 10 Things to Consider When Instituting a Stormwater Utility
  - ❖ Developing a Comprehensive and Interactive Countywide Drainage Infrastructure Mapping System for Kane County
- 4D BMP's for MS4**
  - ❖ Bulletin 70 vs. 75 and Adaptive Stormwater Management
  - ❖ Preparing an Illicit Discharge Detection and Elimination Plan: What is That and Why Do I Need One?
  - ❖ Is the Treatment Response of Manufactured Unit Operations to Urban Drainage Loads Portable?

12:00 pm

Lunch

- Awards Luncheon
- Vendor Door Prizes

1:30 pm

**Concurrent Session 5**

- 5A Stormwater Management**
  - ❖ Village of Orland Park Summary of Evaluation of 186 Stormwater Management Ponds
  - ❖ Municipal/HOA Partnerships for Drainage Improvement Projects
  - ❖ Native Landscape Design 101
- 5B Stormwater Management**
  - ❖ Green Infrastructure for Stormwater in Algonquin
  - ❖ Washington, IL Stormwater Master Plan
  - ❖ Bartlett's Bioswales Clean Stormwater While Addressing Local Flooding
- 5C Riverine Flooding**
  - ❖ Boneyard Creek: How a Flood Mitigation Project Became an Economic Development Showcase for Champaign
  - ❖ Successes and Lessons Learnt, Construction of Bank Stabilization/Stream Restoration Project: 7<sup>th</sup> Avenue Creek, St. Charles, IL
  - ❖ Cascading Dam Breach Analysis
- 5D BMP's for MS4**
  - ❖ East Branch DuPage Watershed Based Plan, Incorporating GIS Tools & Apps in Watershed Planning
  - ❖ Conducting Stormwater BMP Inspections During the Pandemic
  - ❖ Biofiltration: Design Considerations for Performance and Longevity

3:00 pm

Adjourn



Illinois Association for Floodplain and Stormwater Management

## Certificate of Training

STEVEN D. BRENDEL  
has satisfactorily completed training during the

## 2022 IAFSM Annual Conference

Conducted by  
The Illinois Association for Floodplain and Stormwater Management

Location: Normal, Illinois  
Date: March 8<sup>th</sup> and 9<sup>th</sup>, 2022

PDH Credits: 11.5  
CEC Credits: 10

Diane Bouckaert, PE, CFM, CPESC  
Chair, Education Outreach Committee