ADMINISTRATIVE REVISIONS TO THE NOTICE OF INTENT

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

MS4 Operator Mailing Address: Yes _____ No X

_____

_____

_____

_____

Persons Responsible: Yes _____ No X

Name: _____

Title: _____

Telephone Number: _____

Area of Responsibility: _____

Introduction

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

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

Best Management Practice (BMP) Summary of 2022-2023 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 2022-March 2023:

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 participates in educational programs, including involvement in the Green Schools Program.

4) **A.6**- Madison County provides a regular Newsletter which promotes and highlights water quality events.

5) **B.4-** 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.6**- The Co-Permittee group met (4) times throughout the year to provide training and updates on various topics.

7) **B.7-** Each community was made aware of County sponsored events. Madison County was responsible for program development and coordination. Other Community involvement includes Stormwater Management, Watershed Plans, Recycling and Resource Management.

8) **C.1**- Communities were to review outfall map completeness and update revised or new storm sewer systems.

9) **C.2-** Revisions to existing illicit discharge ordinances have been delayed until completion of the County Stormwater Master Plan. Madison County is working with the Stormwater Commission to prepare a Master Plan for the County. The Master Plan is currently in development.

10) **C.5-** Communities reviewed the inlet stenciling program. Standards for inlet stencils were available to the Co-Permittee Group upon request. The County is working to assist communities with resources to complete their inlet stenciling program as well as auditing the condition of existing markings.

11) **C.7-** Communities were to conduct illicit discharge inspections of facilities and outfall points. Illicit discharge detection training was included during (1) quarterly meeting.

12) **D.1, D.4, E.3, E.4-** Revisions to construction and post-construction stormwater ordinances have been delayed until the completion of the County Stormwater Master Plan. Training was provided on understanding, interpreting, and enforcing stormwater ordinances in place at this time.

13) **D.2-** Madison County provided Erosion and Sediment Control BMP training at (1) quarterly meeting.

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) **E.6**- Madison County Highway Department routinely inspects creeks, ditches, and drainageways for debris and siltation and remove accumulated debris.

17) **F.1-** Madison County provided Operations Training as part of continuing education at (1) quarterly meeting.

18) **F.2-** Madison County will implement a maintenance program, inspect facility BMPs annually, and maintain records of inspections.

19) **F.3-** Communities are to review and update O&M manuals annually.

20) **F.5-** Madison County has continued to work towards a county-wide Stormwater Master Plan

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, 2022 To March, 2023

Permit No. ILR40 0244

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

Name: VILLAGE OF ROXANA Mailing Address 1: 400 SOUTH CENTRAL AVENUE

Mailing Address 2: County:

City: ROXANA State: IL Zip: 62084 Telephone: 618-254-0980

Contact Person: KEN HOXSEY Email Address: roxanastreetdept@yahoo.com
(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
CHOUTEAU TOWNSHIP, EDWARDSVILLE TOWNSHIP
MADISON COUNTY
FORT RUSSEL TOWNSHIP, WOOD RIVER 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 ☐
2. Public Participation/Involvement ☐
3. Illicit Discharge Detection & Elimination ☐
4. Construction Site Runoff Control ☐
5. Post-Construction Runoff Control ☐
6. Pollution Prevention/Good Housekeeping ☐

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

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

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

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

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

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

Owner Signature: Date: 5-19-23

KEN HOXSEY
Printed Name:

STREET SUPERINTENDENT
Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

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

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: *Village of Roxana* **PERMIT #:** *ILR400244*

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2022 through March 2023

A. Changes to Best Management- Were there any changes to the BMPs?			**B.** The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	**C.** Provide results of information collected and analyzed, including monitoring data. Information attached?			**D.** Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. A.1- Distributed Paper Materials: Informational Brochures								
Milestone For Reporting Year: Brochures were posted in a public location and available to residents.								
		X	The Village has stormwater brochures available to residents inside the Village Hall Lobby at new location of Village Hall.			X	The Village will continue to make brochures available through the upcoming permit cycle.	Ongoing through 2021-2026 permit cycle.
BMP No. A.4- Community Event: Attend and Participate in Water-Quality Oriented Public Events								
Milestone For Reporting Year: No specific milestone								
		X	Madison County attended the Lewis & Clark Water Festival and the Mississippi Earth Tones Festival was presented on September 17, 2022. Madison County set up a booth.	See Page 10 and Exhibits A.4-A and A.4-B for more information.	X		The County will continue to attend at least two water related events per year.	Ongoing through 2021-2026 permit cycle.
BMP No. A.5- Classroom Education Material								
Milestone For Reporting Year: Update and make available copies of brochures and green infrastructure program information to schools								
		X	Provided through the Green Schools Program - Madison County schools operate a Green Schools program which educates children about the need to recycle and explore "green" options in their lives	Review of Classroom Educational Materials See Page 10 and Exhibit A.5-A	X		The County will work with the Communities to coordinate educational opportunities.	Ongoing through 2021-2026 permit cycle.
BMP No. A.6- Other Public Education: Make Available A Regular Newsletter, Which Promotes and Highlights Water Quality Events.								
Milestone For Reporting Year: No specific milestone								
		X	Madison County Resource Management posts Newsletters on the County website which promotes and highlights water quality events. Quarterly Meeting Newsletters are distributed to Madison County MS4 Program members for their use.	See Page 10 and Exhibit A.6-A for more information	X		The County will continue involvement in educational programs.	Ongoing through 2021-2026 permit cycle.

COMMUNITY NAME: *Village of Roxana* **PERMIT #:** *ILR400244*

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2022 through March 2023

A. Changes to Best Management- Were there any changes to the BMPs?			**B.** The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	**C.** Provide results of information collected and analyzed, including monitoring data. Information attached?			**D.** Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. B.4 - Public Hearing								
Milestone for Reporting Year: Schedule one public meeting per year where residents can provide input on existing stormwater program.								
2021-2026 NOI Permit Cycle	X		The Village discussed their MS4 program at a Public Meeting held on January 16, 2023.			X	The Village will continue to provide an annual public meeting.	Ongoing through 2021-2026 permit cycle.
BMP No. B.6- Program Involvement: Coordinate Meetings and Annual Reports								
Milestone For Reporting Year: Coordinate, conduct and attend 4 quarterly co-permittee meetings as available.								
		X	The Madison County MS4 Co-Permittee Group held four quarterly training meetings during the 2022-2023 permit year. Meetings were held: --- March 16, 2022 --- June 8, 2022 --- September 14, 2022 --- December 14, 2022 A representative from the Village attended (2) Quarterly Meetings.*A Quarterly Newsletter is distributed to keep all members informed.	See Page 10 and attached Exhibit B.6-A and B.6-B for review of meetings, topics and Certificates of Attendance	X		The Village will continue to meet with the Co-Permittee Group to share BMPs and training opportunities.	Ongoing through 2021-2026 permit cycle.
BMP No. B.7- Other Public Involvement- Participate in Recycling, Sustainability and Green Infrastructure Programs								
Milestone for Reporting Year: Participate in as many recycling, sustainability, and green infrastructure programs as possible.								
		X	County sponsored numerous recycling, sustainability, and green infrastructure programs including Pharmaceutical Drop-off, Christmas Tree Recycling, Electronic Waste Collection, Tire Collection, Hazardous Waste Disposal and Clean Communities Litter Program. 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		The County and Village will continue to participate in and promote programs related to stormwater activities.	Ongoing through 2021-2026 permit cycle.

COMMUNITY NAME: *Village of Roxana* **PERMIT #:** *ILR400244*

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2022 through March 2023

A. Changes to Best Management- Were there any changes to the BMPs?			**B.** The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	**C.** Provide results of information collected and analyzed, including monitoring data. Information attached?			**D.** Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. C.1- Storm Sewer Map Preparation								
Milestone for Reporting Year: Develop and update a storm sewer map showing the location of all outfalls and names of receiving waters.								
		X	The Village is 100% complete with their outfall mapping program.			X	The Village will review map completeness and update with revised or new storm sewer systems.	Ongoing through 2021-2026 permit cycle.
BMP No. C.2- Regulatory Control Program: Illicit Discharge Control Ordinance								
Milestone for Reporting Year: Continue to review illicit discharge control ordinances.								
		X	The Village's Stormwater Ordinance contains a section on illicit discharge and is displayed at Village Hall Clerk's Office & Village Website. *Changes to illicit discharge ordinances will be delayed until the completion of the Madison County Stormwater Plan, currently in development.			X	Enforce illicit discharge ordinances regularly.	Ongoing through 2021-2026 permit cycle.
BMPs No. C.5 - Illicit Source Removal Procedures: Inlet Stenciling								
Milestone for Reporting Year: Review illicit discharge ordinances / Inspect stenciling and decals to review condition and replace as necessary								
		X	The Village is 100% complete with their inlet stenciling. The Village re-applied missing or damaged markers in March, 2023. The presence and condition of inlet markers is being confirmed by Madison County and IEPA during routine audits.			X	Continue to replace missing and worn inlet markers.	Ongoing through 2021-2026 permit cycle.
BMP No. C.7- Visual Dry Weather Screening - Illicit Discharge Detection								
Milestone for Reporting Year: Include illicit discharge detection in training during one quarterly meeting. Conduct inspections of facilities and outfall points annually.								
		X	The Co-permittee group reviewed illicit discharge detection and elimination procedures at the March 16, 2022 quarterly meeting. The Village was unable to attend.	See Page 10 and attached Exhibit B.6-A Quarterly Meeting Agenda	X		Continue to conduct annual inspections and attend Quarterly Meeting Training.	Ongoing through 2021-2026 permit cycle.
BMPs No. D.1, D.4, E.3, and E.4 - Regulatory Control Program: Site Plan and Pre-Construction Review Procedures								
Milestone for Reporting Year: Enforce ordinances, Review O&M manuals and standard operating procedures, updating as necessary								
		X	The Village's Stormwater Ordinance contains sections on construction site runoff control and is displayed on Village Website and Village Clerk's Office. Madison County has continued to work towards a county-wide Stormwater Master Plan.			X	Continue to enforce erosion and sediment control ordinances.	Ongoing through 2021-2026 permit cycle.

COMMUNITY NAME: *Village of Roxana* **PERMIT #:** *ILR400244*

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2022 through March 2023

A. Changes to Best Management- Were there any changes to the BMPs?			**B.** The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	**C.** Provide results of information collected and analyzed, including monitoring data. Information attached?			**D.** Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. D.2- Erosion and Sediment Control BMP's								
Milestone for Reporting Year: Include BMP training in one quarterly meeting								
		X	BMP training was provided during the June 8, 2022 quarterly meeting. The Village attended.	See Page 11 and attached Exhibit D.2-A Erosion and Sediment Control BMP Training	X		Continue to attend training as part of Co-permittee group.	Ongoing through 2021-2026 permit cycle.
BMP No. D.5- Public Information Handling Procedures: Stormwater Hotline								
Milestone for Reporting Year: Madison County will continue to provide support to communities with communicating hotline requests.								
		X	Madison County received numerous hotline calls during the reporting period. Many complaints are addressed by the communities prior to calls to the hotline.			X	Madison County will continue to provide support throughout the permit cycle.	Ongoing through 2021-2026 permit cycle.
BMPs No. D.6 and E.5- Training for Construction Site Inspectors								
Milestone for Reporting Year: County sponsored training courses for construction site inspectors. County attends NPDES permit inspections, when possible.								
		X	The Village does note have a CESSWI Certified Inspector nor a 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 December 14,2022 quarterly meeting. The Village attended.	See Page 11 and attached Exhibit D.6/E.5-A for training materials	X		Madison County and the Co-Permittee group will continue to explore opportunities for additional training seminars.	Ongoing through 2021-2026 permit cycle.
BMP No. E.6- Post Construction Inspections: County H.D. Routinely Inspects Creeks, Ditches, and Drainageways for Debris and Siltation								
Milestone for Reporting Year: Continue to routinely inspect and remove accumulated debris. Street sweeping is conducted								
		X	The Village routinely inspects creeks, ditches, drainageways for debris & siltation. Accumulated debris is removed by street sweeping. Regular cleaning of storm drains and street sweeping has kept basins mostly clear.	See Page 12 - Additional Community Acitivities for details	X		The Village will continue to inspect and maintain various roadways.	Ongoing through 2021-2026 permit cycle.

COMMUNITY NAME: *Village of Roxana* **PERMIT #:** *ILR400244*

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2022 through March 2023

A. Changes to Best Management- Were there any changes to the BMPs?			**B.** The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	**C.** Provide results of information collected and analyzed, including monitoring data. Information attached?			**D.** Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. F.1- Employee Training Program								
Milestone for Reporting Year: The Co-Permittee Group will hold an Operations Training class as part of continuing education opportunities.								
		X	Operations Training was provided during the September 14, 2022 quarterly meeting. The Village was unable to attend. The County attended the 2023 IAFSM Conference.	See Page 10 and attached Exhibit B.6-A Quarterly Meeting Agenda, See Page 11 and attached Exhibit F.1-A for Annual Conference.	X		The Co-Permittee Group will continue to offer Operations Training and other educational and training opportunities throughout the permit year.	Ongoing through 2021-2026 permit cycle.
BMP No. F.2- Inspection and Maintenance Program								
Milestone for Reporting Year: Review to implement a monitoring and assessment of maintenance program and inspect facility BMPs annually. County to maintain records of annual inspections								
2021-2026 NOI Permit Cycle	X		The Village has implemented an Inspection and Maintenance Program performing an Annual Visual Inspection on March 1, 2023. Document of Inspections Location: East 7th and 111			X	The Village will continue to implement a monitoring and assessment of their program to inspect facility BMPs annually as well as maintain records.	Ongoing through 2021-2026 permit cycle.
BMP No. F.3- Other Municipal Operations Controls- Standard Operating Procedures								
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	Stormwater Operation Procedures were reviewed during the permit year and modified as needed. Document Location: Village Website			X	Operation procedures will be reviewed annually and modified as appropriate.	Ongoing through 2021-2026 permit cycle.
BMP No. F.5- Flood Management / Assess Guidelines: Countywide Stormwater Management Plan								
Milestone for Reporting Year: No significant milestones								
2021-2026 NOI Permit Cycle	X		Madison County has continued to work towards a county-wide Stormwater Master Plan			X	Continue to work towards a county-wide Stormwater Master Plan	Ongoing through 2021-2026 permit cycle.

ADDITIONAL INFORMATION

BMP A.4	**Water Quality Oriented Public Events - Water Festival**
	Water Festival. See attached Exhibit A.4-A for additional details.
	Water Quality Oriented Public Events - Mississippi Earthtones Festival
	Was held on September 17, 2022 - Madison County set up a booth. See attached Exhibit A.4-B for additional details.

BMP A.5	**Classroom Educational Materials - Madison County Soil and Water District**
	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.

BMP A.5	**Classroom Educational Materials - Madison County Green Schools Program**
	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.5-A for additional details.

BMP A.6	**Other Public Education - Make Available A Regular Newsletter Promoting Water Quality Events**
	Madison County provides a regular Newsletter which promotes and highlights water quality events. Quarterly Meeting Newsletters are distributed to Madison County MS4 Program members for their use. See attached Exhibit A.6-A for additional details.

BMP B.6	**Stakeholder Meetings - Co-Permittee Group Training Opportunities**
	The Madison County MS4 Co-Permittee Group held four quarterly training meetings during the 2022-2023 permit year. Topics covered included a review of proposed changes to Phase II requirements in the MS4 permit cycle, sediment & erosion control, post construction stormwater management, outfall mapping, illicit discharge detection and elimination, operations training, and annual report requirements. Members were issued Certificates of Attendance.See attached Exhibit B.6-A and Exhibit B.6-B for additional details.

BMP B.7	**Community Events**
	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. See attached Exhibit B.7-A for additioanl details.
	Madison County managed a Christmas Tree recycling program in conjunction with area public works and township highway departments from late December 2022 to mid January 2023. 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. See attached Exhibit B.7-B for additional details.

BMP B.7	Community Events
	Madison County "Planning and Development" sponsored electronic waste collections on March 12th, June 18th, September 17th, and October 22nd, 2022 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 for additional details.
	Madison County Sponsored a tire recycling collection in October 2022 with a total of 71 tons collected and recycled. See attached Exhibit B.7-D for additional details.
	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 for additional details.
	Madison County sponsored a "Clean Communities Litter Program" and distributed over 1,600 resource kits to residents each including a safety vest, litter grabber, gloves, and trash bags. The County along with IEPA also sponsored a "Bulk Item Cleanup" and collected 15 large roll off dumpsters full of bulk waste. See attached B.7-F for additional details.

BMP B.7	Other Public Involvement
	Madison County adopted ORDINANCE AUTHORIZING THE MADISON COUNTY FLOOD DAMAGE PREVENTION ORDINANCE. Madison County hosted Updated Flood Map Open Houses on January 18th in Granite City and on January 19th in Wood River. 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 additional details.
	Madison County provides a Recycling and Resource Management Program. Madison County provides updates at Quarterly Meetings regarding sponsored Recycling Campaigns, a Clean Communities Program, Bulk Item Cleanups, and announced that 3 of the 11 Environmental Grant Projects have been completed. See attached Exhibit B.7-H for additional information.
	Madison County is actively involved in groups and organizations that are connected with MS4. See attached Exhibit B.7-I for more details.

BMP D.2	Erosion and Sediment Control BMP's
	Erosion and Sediment Control BMP training was provided during the June 8, 2022 quaterly meeting. See attached Exhibit D.2-A for additional details.

BMP D.6/E.5	Training for Construction Site Inspectors
	At the December 14, 2022 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 for addtional details.

BMP F.1	Employee Training Program
	Madison County attended the 2023 Illinois Association for Floodplain and Stormwater Management Annual Conference on March 14th and 15th, 2023. See attached Exhibit F.1-A for additional details.

ADDITIONAL COMMUNITY ACTIVITIES

Community Name: **Village of Roxana** Permit #: **ILR400244**

List any additional community-sponsored activities performed between March 2022 and March 2023 not listed in *Notice of Intent (NOI)* submittal, but which addresses one of the six minimum control measures:

- The Village of Roxana has a weekly pickup recycling program.
- The Village provided 156 hours of street sweeping on a cumulative 156 miles of roadway. Approximately 108 tons of material was collected for Roxana landfill disposal.
- The Village maintains nine dumpsters (3) four cubic yard and (6) two cubic yard which were emptied throughout the permit year twice weekly. These dumpsters are located at NW Doerr Alley, East Thomas Alley, Roxana Park, 3rd St., Old Village Hall Parking Lot, Reller Ave., Nazarene Church Parking Lot, Behind Old Post Office..
- The Village participates in a Pharmaceutical Collection located in the Village Hall Lobby in which they collected 129 pounds throughout the permit year.
- The Village has a leaf collection program on an as needed basis.
- The Village participates in cleaning the storm drains in the Village before and after every rain event.
- The Village collects used tires at residences weekly, as needed.
- The Village collects Electronics at residences weekly, as needed.
- The Village has a Christmas Tree Recycling Program with Alleyway pickup at each home, as required.

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 Village is part of the Madison County Co-Permittee Group.

F. List of Construction Projects during the Current Reporting Year

Permit #	Project	Status

EXHIBIT A.4-A

2022 - Annual Lewis and Clark Water Festival


Tabling Events & Education
• Water festival
• Criterium
• Earthtones Festival
• Green Schools
Thank
Thank you!
Thank you!
ACTION
Thank you!
Thank
you!



The National Great Rivers Research and Education Center

Search For Find

Water Festival

Each year, NGRREC's Water Festival is flooded with hundreds of fifth grade students and their teachers for a fun-filled day of educational activities and interactive demonstrations. Host with the help of local partner organizations, the annual Water Festival offers over 30 hands-on activity station promoting water resource awareness as well as canoe rides and fishing.

Participating teachers attend a one-day teacher workshop in advance of the festival where they are introduced to concepts of water resources management and big river ecology. Teacl also receive free materials and resources to incorporate water conservation education into their classroom sessions to help prepare students for the festival.

In addition to the materials and workshops, participating schools are provided with funding for bus transportation and teacher substitutes.

2022 celebrates the 20-year anniversary of Water Festival. Since 2002, more than 13,000 students and 150 teachers from 42 schools have participated in Water Festival.



All rights reserved
Water Fest 2019 IMG_4379
by NGRREC

Album — Water Festival 2019 by NGRREC





Water Festival

For more information about the Water Festival

Environmental Education Department
NGRREC/L&C

1 Confluence Way
East Alton, IL 62024

NGRRECEducation@lc.edu
Phone: (618) 468-2790

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EXHIBIT A.4-B

2022 - 16th Annual

Mississippi EARTHTONES Festival

MISSISSIPPI EARTHTONES FESTIVAL

SEPTEMBER 17, 2022
NOON-10PM
LIBERTY BANK ALTON AMPHITHEATER
#1 RIVERFRONT DRIVE ALTON, IL

JOIN US FOR THE 16TH ANNUAL CELEBRATION OF OUR RIVER THROUGH ART, MUSIC, AND CONSERVATION!



ECO-FRIENDLY VENDORS
ART EXHIBITS
FOOD & BEVERAGE
FREE & FAMILY-FRIENDLY

LIVE MUSIC ALL DAY:

JAKE'S LEG
(7-10PM)

NONSTOP REGGAE BAND
(3-6PM)

LOFTYS COMET
(12-2PM)

JASON "GORDO" GORDON
(2-3PM & 6-7PM)

SIERRA CLUB
ILLINOIS CHAPTER

DowntownAlton.com
Facebook.com/EarthtonesFestival

ALTON MAIN STREET

AMPLIFY THE RIVER

WE THANK OUR SPONSORS

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EXHIBIT A.5-A

Green Schools Program

(GSP)

Kicked off the 2022 Green Schools Program

- Enrollment is now open, and open year round, 17 schools enrolled so far
- Grant round for 2023 school grant projects will be open next month- Up to $2,000 for environmental education projects

Stormwater Education Program (Illicit Drainage Stencil Opportunities)

- Hosted event at Willoughby Farms August 27th in partnership with Heartlands, pictures below
- Event to be hosted again in the future with hopes of participation, possibly work directly with a teacher
- The storm drain labeling supplies can be rented and used
    - We provide the stencil, paint, rollers and trays, safety vests, trash bags
- We have activity books available focused on storm water education

America Recycles Day Poster Contest coming up

- Theme: When in Doubt, Leave it Out! Focus on recycling contamination
- Deadline October 21st, 2022 @4pm, grades K-12





2022-2023

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
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MADISON COUNTY BUILDING & ZONING

MADISON COUNTY GREEN SCHOOLS PROGRAM

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To view the Program Guide online and have access to the interactive links, scan the QR code or visit our website www.madisoncountybz.com

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 schools 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



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?

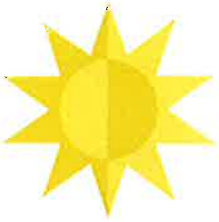


Benchmarking Survey

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.

Ideas on How to Spend 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.



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.

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





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- Program on pause as of August 2022.

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

NEW IN 2021

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

Facebook

Twitter

Instagram

Website

Danielle Cares for Chairs

CHAIRish your bread tags

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

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 2022-2023 Madison County Green School. Students should design a poster or video (based on their grade level outlined on the contest form) that showcases the benefits of composting. Winning students will receive a Dual Chamber Composting Tumbler.



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

View the full contest rules and entry form HERE.

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 14th, 2023. 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.

Please see the Contest Rules and Entry Form for full details.









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.



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

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.

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.



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

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 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



Air Quality Flag PROGRAM

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 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 website.

2. Educate your students and staff on the program

You can access the Coordinator Handbook and Fact Sheet on the 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 website includes activity guides on actions to take for each color.

Tree-Plenish

NEW IN 2021

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.

2020-2021 Impact

2000+ volunteers	20 states
85 high schools	19,787 trees planted

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.

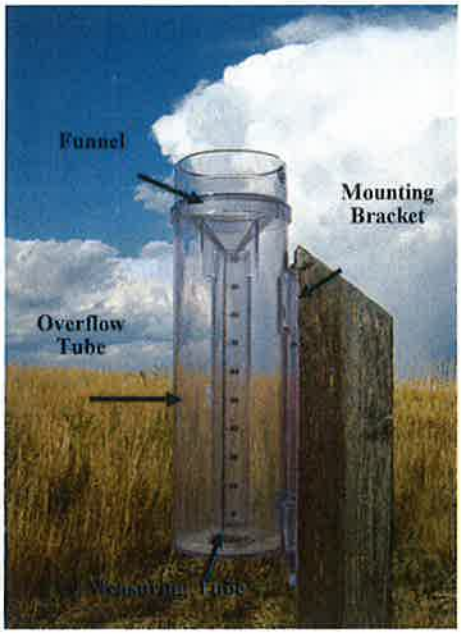
Green Infrastructure Practices for Schools to consider: Permeable Pavements, Green Roofs, Rainwater Harvesting, Rain Gardens , Planter Boxes



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



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.

naaee
North American Association for Environmental Education

- San Diego Zoo Cam
- Virtual Farm Tour
- Monteray 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:

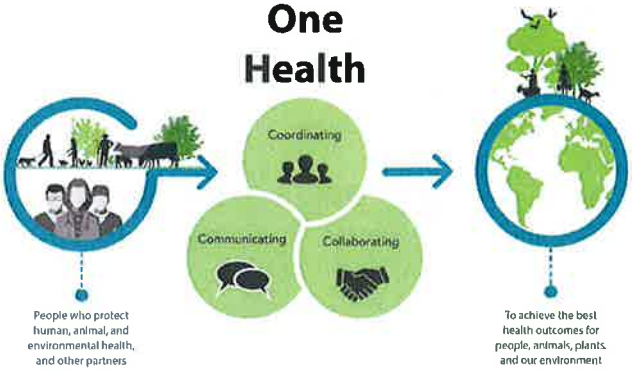
Bailey Lutz, Madison County Green Schools Coordinator, discussed the Green Schools Program and funding opportunities with the Madison County Green Seed Grants.
Lindsay Serrano, Farm to School Coordinator with the Goshen Market, focused on school gardens.
Chris Hartley, Science Education Coordinator with 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

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 EEAI have provided leadership on this front at the national, state and community levels. The strength of EEAI 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. EEAI 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 EPAs *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.



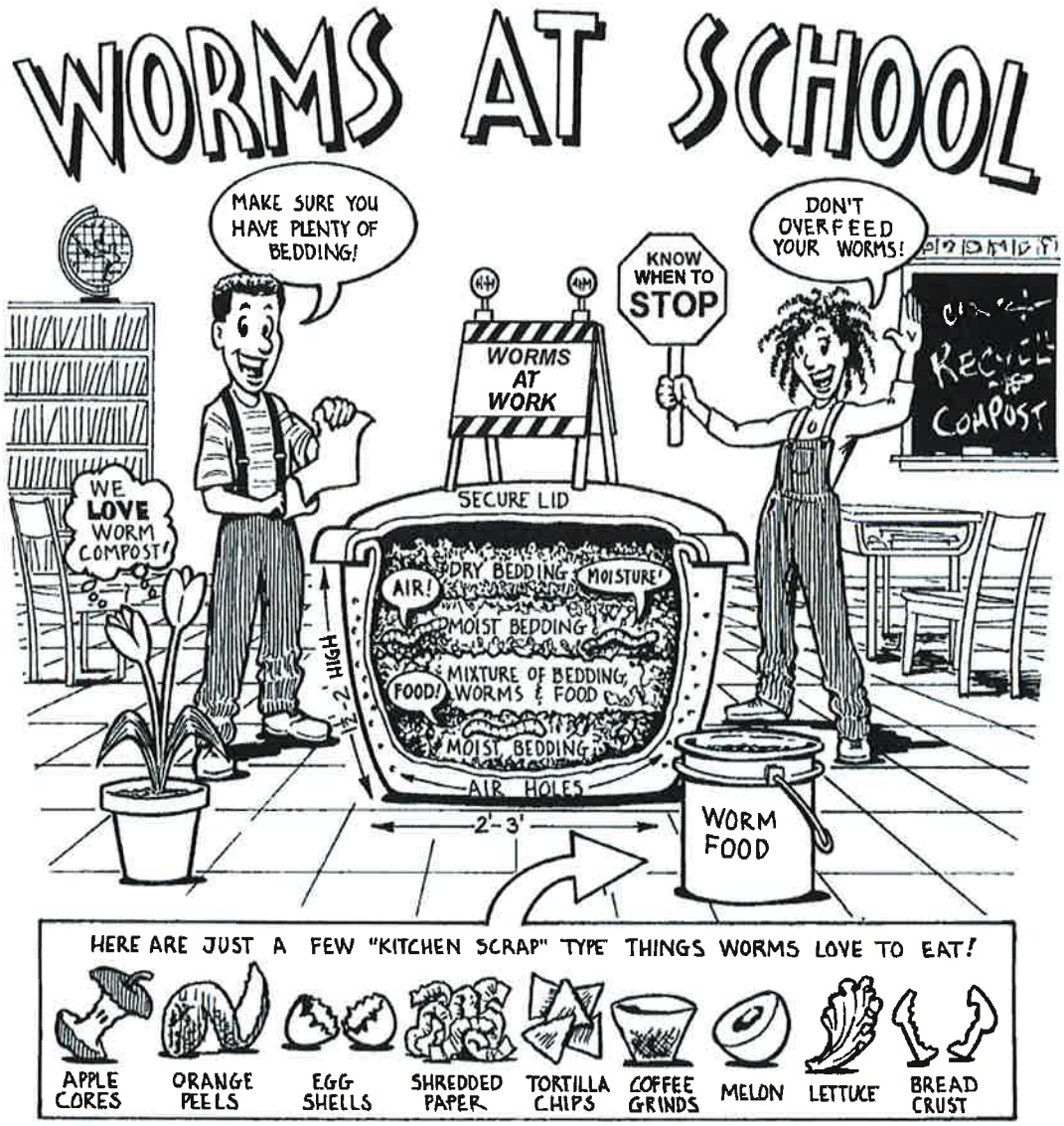
31% of food at the consumer & retail level goes uneaten
(Buzby et al.)



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)



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.



EPA 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 2022

St. Ambrose School– Outdoor Classroom
South Primary School– Plastic Waste Reduction
Lincoln Middle School– School Garden Expansion
Evangelical School– Monarch Habitat
Roxana High School– Environmental Improvement Project
East Alton Wood River High School– Outdoor Classroom
Highland High School– Electronics Recycling Drive
Highland Middle– Outdoor Classroom and Native Planting
Leclaire Elementary– School Garden Expansion
Meadowbrook Intermediate– Water Bottle Filling Station
Trinity Lutheran– Water Bottle Filling Station
East Elementary School– School Garden and Outdoor Classroom



To view the full grant application and grant requirements, please contact your County Coordinator or visit 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 heath or well-being.

2022 Green Team of the Year– East Elementary, Alton IL.

Nominated by Jen Herring who serves as the East Elementary coordinator for the Madison County Green Schools Program, the East Elementary Green Team works to encourage sustainable practices among the students and staff. The 2022 Green Team consists of Jen Herring, Sarah Jones, Lisa Embrey, and Monica O'brien. Together, this Green Team works to provide opportunities to students and staff at the school centered on recycling, gardening, and the new outdoor classroom. As participants of the Green Schools Program for the last 10 years, East Elementary implements many different types of recycling and environmental programs throughout the school.

The biggest achievement for East Elementary this year was the opening of their outdoor classroom which will be used for more sustainability and science education with student's right outside next to the gardens. This has been a 7 year project and they were finally able to cut the ribbon this year and it is ready for use!



Jen Herring explains "All of our sustainability-related activities not only benefit our environment, they also provide educational opportunities to all of our students and community members. My dream for the sustainability efforts at the school would not be possible without the hard work and dedication of the Green Team members."

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– Kim Antonovich-Merz, Mitchell Elementary, Granite City IL

Currently serving as the Green School coordinator at Mitchell Elementary School in Granite City, Kim Antonovich-Merz shows her passion for environmental education and her dedication to the efforts of the Green Schools Program. Since starting in the role as Green School Coordinator in 2004, Kim has worked effortlessly to start a sustainable recycling program. Kim works to hold public recycling days for electronics, shoes, tabs, you name it! If there is something that needs recycled, Kim will find a way to make it happen.

In the 2021-2022 school year, Kim promoted many of the Madison County competitions and collection programs. This included recycling over 140 lbs. of plastic bags, 393 lbs. of soda can tabs, 17 pairs of eyeglasses, and 59 pairs of shoes, just to name a few. Kim also continues to promote the paper recycling at the school which she helped get started in 2004. She explains, "I feel that the recycling program at Mitchell has had a great impact on students learning to protect our Earth by recycling items instead of sending them to the landfill."



Kari Dioneda, a fellow staff member at Mitchell Elementary School explains, "Kim is the originator of our recycling program and has performed this task as Green School Coordinator honorably for eighteen years. Her long list of achievements overseeing the recycling program and dedication to our planet should not go unrecognized".

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

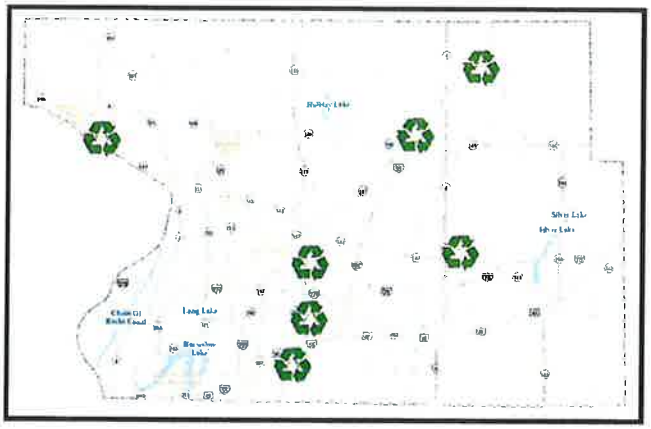
The Recycling and Resource Management Program works to improve the quality of life for Madison County residents, businesses, schools, and local governments through programs that foster healthy, resilient, connected communities. Madison County is a regional leader in recycling and resource management 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





Tammy Mezo

From: Bailey N. Lutz <bnlutz@madisoncountyil.gov>
Sent: Wednesday, June 8, 2022 11:10 AM
To: Tammy Mezo
Subject: MS4 notes

[External Email – Please confirm before you open any links or attachments!]

Hi Tammy, here is an outline of my update from the MS4 meeting today.

Green Schools Program Update

We closed out the year with 38 schools participating during the 2021-2022 school year, impacting nearly 18,000 students. We worked directly with teachers to promote recycling opportunities and competitions for schools and students.

End of Year Awards

- The Madison County Green Schools Program 'Coordinator of the Year' award recognizes an individual that shows leadership and creativity in organizing and managing the Green Schools Program for their school.
    - Kim Merz of Mitchell Elementary, $500 to the coordinator and $500 to the school.
- The Madison County Green Schools Program 'Green Team of the Year' award recognizes students and/or staff that demonstrate a commitment to organizing, managing, and leading conservation-related activities as part of the Madison County Green Schools Program.
    - East Elementary, $500 to the school.

Fantastic Plastic Competition- 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. During the 2021-2022 school year students and staff collected near 2,500 lbs. of plastic bags and stretchy plastic.

- First Place- Central Intermediate
- Second Place- East Elementary
- Third Place- Trinity Lutheran
- Fourth Place- Leclaire Elementary
- Fifth Place- Mitchell Elementary

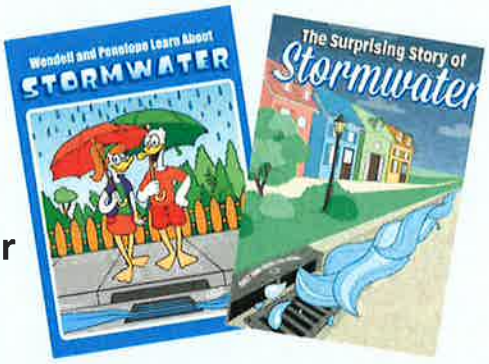
Green Seed Grants- we awarded funds to 12 schools in February who applied for projects for the 2021-2022 fiscal year. These projects included school gardens, water bottle filling stations, and outdoor classrooms. So far, half of the schools completed their projects already in the spring and the other half are to be completed in the fall. We will open the 2022-2023 grant round and start accepting application in January.

Thanks!

Bailey Lutz
Green Schools Coordinator
Madison County Building and Zoning Department
157 North Main Street, Suite 254 | Edwardsville, IL 62025
P:(618) 296.4606|F:(618) 692.8982 |www.co.madison.il.us
Please consider the environment before printing this email.

ONLY RAIN DOWN THE DRAIN

August 27th, 2022 **Willoughby Farms, Collinsville IL** **9:30-11AM**



The water that flows into the stormdrains is not treated or filtered for pollutants. Instead, the water eventually flows into our lakes, rivers and oceans. In this educational activity, participants will interact with an Enviroscape Model to learn about how water travels through our environment and gain a better understanding of how to prevent water pollution.



Participants will then split into groups and label the nearby by storm drains with paint and the stencil "ONLY RAIN DOWN THE DRAIN" shown to the left. Educational materials and handouts will be available to take home.

WHAT YOU CAN DO!

- Make sure small pieces of trash that fit down the sewer drain (straws, wrappers, bottle caps etc.) always make it into a trash can.
- Recycle oil based paint and used car oil at a local hazardous waste site. NEVER dump it down a drain.
- Volunteer in your community to help educate others on the importance of clean stormwater and the safe disposal of chemicals.



Please reserve your spot by emailing or calling John O'Donnell, 618-566-4451 ext. 14 or john.odonnell@heartlandsconservancy.org

Children and adults of all ages are welcome. Anyone under the age of 18 must have parental supervision during the activity. Participants will be asked to sign a waiver at the beginning of the activity.

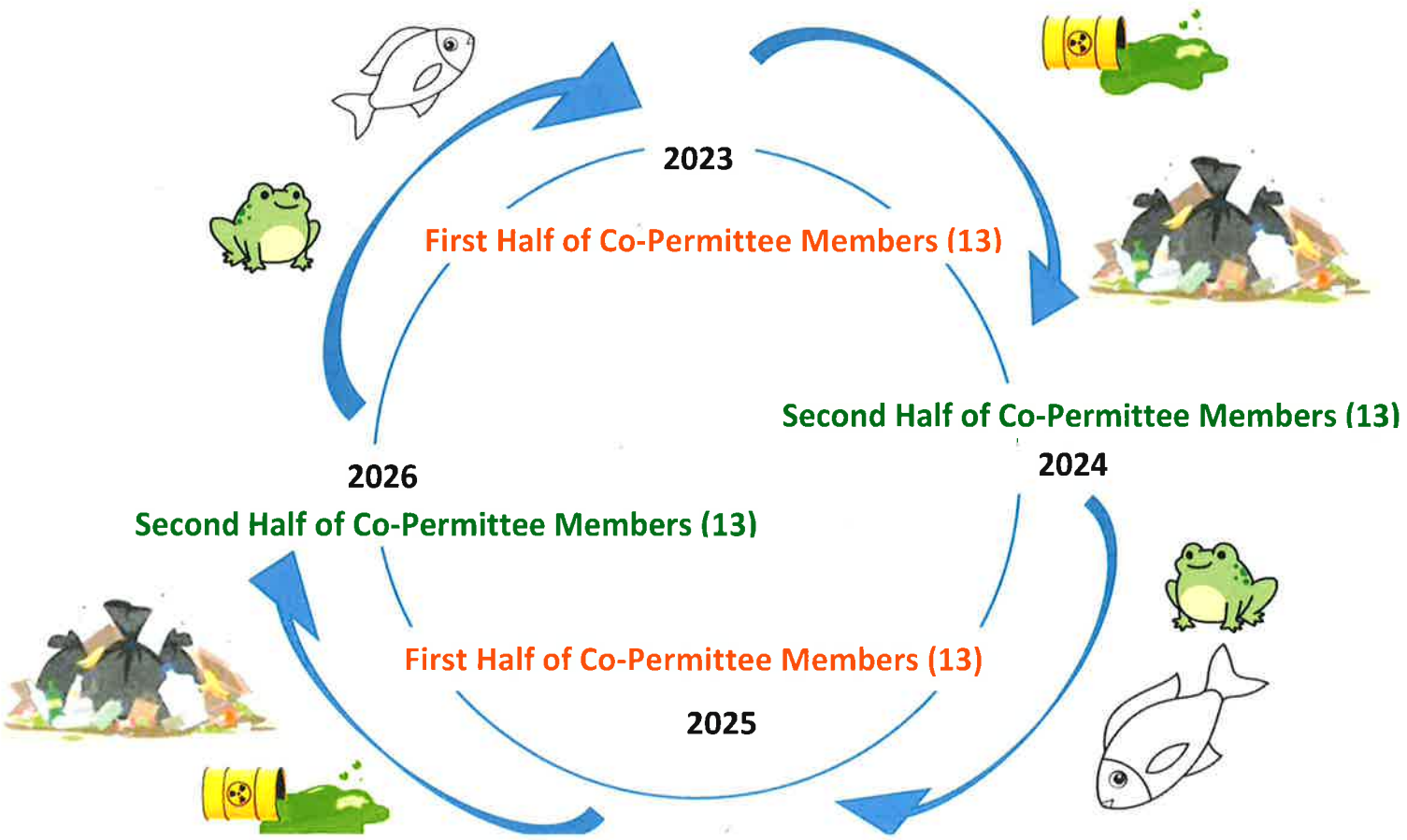
HEARTLANDS CONSERVANCY

MADISON COUNTY ILLINOIS

Illicit Drainage Labeling

Storm drain clean-up and illicit drainage labeling. > *Only Rain Down The Drain*

- 1x a year with ½ of the co-permittee group; other half will participate in alternating years.
- This meets the public outreach and education portion of the NOI and the illicit drain labeling portion of the NOI
- Co-permittee members who are interested can sign up at meetings or through email.
- County will talk with individual members to choose a date and time for their event.
    - Green Schools Coordinator may help out with the grade schools.
    - County can help out to get public involvement. (Flyers, newspaper, online)
    - County will bring materials. (stencils, brushes, paint, paint trays, trash bags for litter clean up)
- County will map out target areas for the Co-Permittee member for when we go out for this event.
- Each member of the co-permittee group will receive emails regarding the details of the opportunity.
- Ideal timeline would be May-October. One month before school is out, and three months after it has started for those interested in getting grade schools involved.
- This event will happen every other year for Co-permittee member and the groups will be determined by participants. Whoever decides earliest they would like to utilize this service from the county.





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 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 31st, 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.

MADISON COUNTY GREEN SCHOOLS PROGRAM

All entries and entry forms must be received no later than **4:00 pm, April 15th, 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-2nd Grade	3rd-5th Grade	6th- 8th Grade	9th-12th Grade
First Place- $125	First Place- $125	First Place- $125	First Place- $125
Second Place- $100	Second Place- $100	Second Place- $100	Second Place- $100
Third Place- $75	Third Place- $75	Third Place- $75	Third Place- $75
Fourth Place- $50	Fourth Place- $50	Fourth Place- $50	Fourth Place- $50
Fifth Place- $25	Fifth Place- $25	Fifth Place- $25	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=buffereda84&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):

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Pictures (please submit up to three picture) of the entry can be submitted via email to 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



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 for more composting information.

MADISON COUNTY GREEN SCHOOLS PROGRAM

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

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.**

Categories

6th-8th Grade Individual	**9th-12th Grade Individual**

Awards (one per category): 1st Place = $100, 2nd Place = $75, 3rd Place = $50

Eligibility

- Students must be currently attending 6th-12th 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.**

MADISON COUNTY BUILDING & ZONING | MADISON COUNTY GREEN SCHOOLS PROGRAM

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) 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

MADISON COUNTY BUILDING & ZONING

MADISON COUNTY GREEN SCHOOLS PROGRAM

EXHIBIT A.6-A

Madison County MS4 Co-Permittee Group 2022 Quarterly Newsletters

MADISON COUNTY MS4 CO-PERMITTEE GROUP NEWSLETTER

MARCH 2022

MADISON COUNTY STORMWATER MANAGEMENT

gonzalez

UPCOMING EVENTS:

HOUSEHOLD WASTE COLLECTIONS:
PERMANENT SITE BY APPOINTMENT
HTTPS://RECYCLERESPONSIBLY.AS.ME/HHWASTE

ELECTRONICS RECYCLING COLLECTIONS:
JUNE 18, SEPT. 17 & OCT. 22

TIRE COLLECTION:
81.5 TONS COLLECTED
UP 20% FROM 2020

ENVIRONMENTAL GRANTS:
$142,000 ALLOCATED DIVIDED BETWEEN 11 PROJECTS, UP TO $15,000 PER PROJECT

RESOURCE MANAGEMENT UPDATES
MADISONCOUNTYBZ.COM

Spring Brings Many Things.

✕ Sneezing
✕ Planting
✕ Cleaning
○ Flooding?

Learn why seasonal changes bring increased flood risk.

Spring brings warmer weather but also plenty of rainfall, melting snow, and ice jams. The result of runoff can cause severe flooding in your community.

Warmer temperatures can result in storms that carry more water and move at a slower rate. This means a concentrated area may get heavier rainfall for a prolonged period, increasing the risk of flooding.

The combination of melting snow and heavy precipitation in the Spring increases the risk and severity of flooding. Snowmelt happens when the ground is still frozen and unable to absorb the excess water, creating runoff that can overflow nearby streams, rivers, and lakes. Ice jams can cause flooding upstream as rivers overflow their banks. When the jam eventually breaks free, it may cause flash flooding downstream.



Just one inch of floodwater in your home can cause up to $25,000 of damage or more. Most renter, homeowner, & business insurance policies do not cover flood damage, and a policy takes 30 days to go into effect.

While federal disaster assistance may be available after flooding, FEMA's Individual and Household program is only available if the President declares a major disaster declaration and provides less financial assistance than flood insurance.

Source: FEMA (Federal Emergency Management Agency)—National Flood Insurance Program

RESOURCE MANAGEMENT UPDATES
WWW.MADISONCOUNTYBZ.COM

CO-PERMITTEE GROUP LEADERSHIP

MADISON COUNTY BUILDING AND ZONING

157 N. Main Street
Suite 254
Edwardsville, IL 62025
www.madisoncountybz.com

Steven D. Brendel
Stormwater Coordinator
Phone: 618.296.4665
sdbrendel@co.madison.il.us

GONZALEZ COMPANIES

525 West Main Street
Suite 125
Belleville, IL 62220
Fax: 618-222-2225
www.gonzalezcos.com

Tony Schenk, P.E.
Engineering Consultant
Phone: 618-222-2221
tschenk@gocos.net

RESOURCE MANAGEMENT COORDINATOR

BRANDON BANKS
Madison County
blbanks@co.madision.il.us

SPOTLIGHT SEGMENT

Clean Communities Resource Program



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.

Choose one option to request Tool Kits:

- Fill out the short online form - www.surveymonkey.com/r/CleanToolKit
- Email: recycling@co.madison.il.us - Indicate Number of Clean Up Kits
- Call: (618) 296-5237 to Request Additional Information.

Tool Kits must be picked up from the Building & Zoning office on the second floor of the Madison County Administration Building Suite 254. 157 N. Main Street. Edwardsville, IL, 62025.

Follow our progress in Madison County by joining the public Facebook Group - Madison County Clean Communities!

MS4 Quarterly Meeting Review

A featured topic during the March Quarterly Meeting was ILR40 Permit changes and information regarding the MS4 Program's Annual Report, which is due prior to June 1st of every year. IEPA requires members of the Co-Permittee group to maintain records of these Annual Reports for a minimum of 5-years, as well as make this information public by posting it on the members websites.

In addition to review of the Annual Reports, which are being prepared by Gonzalez Companies, LLC., Gonzalez representative, Tony Schenk, provided a refresher on the requirements for both wet and dry weather storm water sampling. These samplings are intended to provide an insight to Illicit Discharge Detection and Elimination (IDDE). IDDE is one of the six minimum control measures the group is required to implement within the MS4 program.

Steve Brendel presented the required annual Operations & Maintenance Training.

Brandon Banks reported that 1,500 Christmas Trees were collected during the County's annual collection and 361 households were serviced at the March E-waste collection. Upcoming E-waste collections are noted on the front page of this newsletter.

Next Meeting June 8, 2022



MADISON COUNTY MS4 CO-PERMITTEE GROUP NEWSLETTER

SEPTEMBER 2022

MADISON COUNTY STORMWATER MANAGEMENT

gonzalez

UPCOMING EVENTS:

HOUSEHOLD WASTE COLLECTIONS:
PERMANENT SITE BY APPOINTMENT
HTTPS://RECYCLERESPONSIBLY.AS.ME/HHWASTE
OPEN 1ST SATURDAY & 3RD FRIDAY

ELECTRONICS RECYCLING COLLECTIONS:
OCT. 22

TIRE COLLECTION:
MUNICIPALITIES ONLY
OCT. 6 & 7
8:00—3:00
10241 FRUIT ROAD, ALHAMBRA

ENVIRONMENTAL GRANTS:
2023 GRANT RFP TO BE RELEASED EARLY NOV.

FEDERAL GRANTS AVAILABLE AT: GRANTS.GOV

RESOURCE MANAGEMENT UPDATES
MADISONCOUNTYBZ.COM



GABRIELLE REED JOINS MADISON COUNTY

Gabrielle Reed joins Madison County as the new Stormwater and Floodplain Manager which is part of the Building and Zoning Department. This position also comes with providing leadership to the MS4 Co-Permittee Group.

Ms. Reed graduated with a Bachelor of Science in Geography and Environmental Resources with a specialization in Climate and Water Resources. She earned two minors in Geology and Environmental Studies while attending SIU, Carbondale.

Gabrielle's current position as the Stormwater Coordinator involves; supporting the planning and implementation of stormwater initiatives for Madison County, monitoring and managing the floodplain areas within the county, and enforcing the stormwater drainage, detention, erosion, and sediment control ordinances. Enforcement of these ordinances includes assisting in the review of development and site improvement permits and subsequent field inspection of construction sites.

She is also responsible for monitoring the county's stormwater hot-line and responding to flooding complaints. She coordinates field inspections with the Soil and Water District. She is the acting stormwater liaison on behalf of the Madison County Board to the USACE, NRCS, EMA, as well as other municipal, state, and federal agencies.

A few of Ms. Reed's other responsibilities include coordinating and implementing stormwater educational programs for the public and assisting in the development and promotion of model stormwater ordinances for counties, townships and municipalities.

CO-PERMITTEE GROUP LEADERSHIP

MADISON COUNTY BUILDING AND ZONING

157 N. Main Street
Suite 254
Edwardsville, IL 62025
www.madisoncountybz.com

Gabrielle B. Reed
Stormwater Coordinator
Phone: 618.296.4665
gbreed@co.madison.il.us

GONZALEZ COMPANIES

525 West Main Street
Suite 125
Belleville, IL 62220
Fax: 618-222-2225
www.gonzalezcos.com

Tony Schenk, P.E.
Engineering Consultant
Phone: 618-222-2221
tschenk@gocos.net

RESOURCE MANAGEMENT COORDINATOR

BRANDON BANKS
Madison County
blbanks@co.madision.il.us

SPOTLIGHT SEGMENT

Madison County Greens Schools Programs



As part of Madison County's Building & Zoning Department, the Resource Management Team has hosted and has several upcoming events:

2022 Green Schools Program—Enrollment open year round. 2023 school grant projects will be open next month - Up to $2,000 for environmental education projects.

Stormwater Education Program—Illicit Discharge Drain Stencil Opportunities
First event hosted on August 27th in partnership with Heartlands Conservancy. Future events to be held in conjunction with local schools. Supplies and activity books are available.

America Recycles Day - Poster Contest
Theme: When in Doubt, Leave it Out! Focus on recycling contamination
Deadline : October 21st, 2022 @ 4pm, grades K-12

For more information on these events and others, contact the Building & Zoning office on the second floor of the Madison County Administration Building, Suite 254 @ 157 N. Main Street. Edwardsville, IL 62025.

Follow our progress in Madison County by joining the public Facebook Group - Madison County Clean Communities!

MS4 Quarterly Meeting Review

A featured topic during the September Quarterly Meeting was a presentation on Good Housekeeping/Pollution Prevention, one of the six minimum control measures implemented by the Co-Permittee Group.

In addition to a review of the Best Management Practices for the municipal operations discussed within the Good Housekeeping presentation, Gonzalez Companies representative, Tony Schenk, P.E., provided a reminder on required activities each member of the group is responsible for including: wet and dry weather storm water sampling, annual public meetings and record keeping requirements. Gonzalez Companies has resources available for the group to help comply with permit requirements and promote pollution prevention in the waterways within Madison County. For more information on these resources contact Tony at: tschenk@gocos.net

Next Meeting December 14, 2022



MADISON COUNTY MS4 CO-PERMITTEE GROUP NEWSLETTER

DECEMBER 2022

MADISON COUNTY STORMWATER MANAGEMENT

gonzalez

UPCOMING EVENTS:

HOUSEHOLD WASTE COLLECTIONS:
PERMANENT SITE BY APPOINTMENT
HTTPS://RECYCLERESPONSIBLY.AS.ME/HHWASTE
OPEN 1ST SATURDAY & 3RD FRIDAY

ELECTRONICS RECYCLING COLLECTIONS:
MARCH 11, JUNE 17, SEPT. 16, & OCT. 21
APPOINTMENTS NEEDED

TIRE COLLECTION:
MUNICIPALITIES ONLY
TBD
10241 FRUIT ROAD, ALHAMBRA

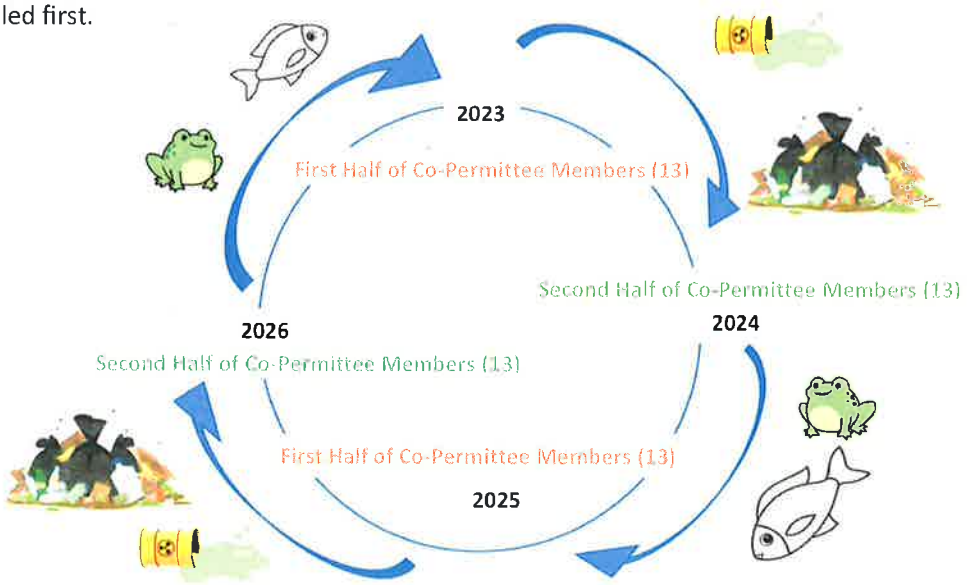
25TH ANNUAL CHRISTMAS TREE RECYCLING PROGRAM
DEC. 26-JAN. 14
HTTPS://BIT.LY/2T0J4ON

ENVIRONMENTAL GRANTS:
2023 GRANT DUE 1/27/23 PROVIDES UP TO $15,000 & REQUIRES

Madison County Illicit Drainage Labeling

Madison County Stormwater Management proposes a drainage labeling program to help deter illicit discharges into the stormwater receiving systems within the County. The storm drain clean-up and labeling motto is "*Only Rain Down The Drain*". The proposal states that the first year, 2023, half of the Co-Permittee Group will participate and the following year, the other half will participate and continue in alternating years. This program meets two of the minimum control measures for the group, both public outreach and education, as well as illicit discharge detection and elimination.

Co-permittee members who are interested can sign up at the MS4 meetings or through email. The County will talk with individual members to choose a date and time for their event. It is also suggested that the Green Schools Coordinator help out with inviting grade schools to participate. The County has volunteered to help out with the public involvement aspect by providing flyers, newspaper advertisements, and online announcements. The County will bring materials such as stencils, brushes, paint, paint trays, and trash bags for litter clean up. The County will map out target areas for the Co-Permittee members to focus on. The timeline for events is recommended to be scheduled between May and October. These events will be held on a first come, first served basis. Whoever decides earliest to utilize this service from the County will be scheduled first.



RESOURCE MANAGEMENT UPDATES
WWW.MADISONCOUNTYBZ.COM

CO-PERMITTEE GROUP LEADERSHIP

MADISON COUNTY BUILDING AND ZONING

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RESOURCE MANAGEMENT COORDINATOR

BRANDON BANKS
Madison County
blbanks@co.madision.il.us

SPOTLIGHT SEGMENT

Village of Godfrey — Stormwater BMP Guide for Residents

In an effort to provide resources and information to its residents the Village of Godfrey drafted a manual highlighting several BMP techniques that residents can utilize to promote stormwater management and pollution control.



The manual provided information on the importance of stormwater BMPs including:

- Rain Barrels
- Permeable Pavements
- Rain Gardens
- Natural Landscaping
- Bioswales
- Bioretention Basin
- Stormwater Friendly Lawn Care

The guide provided easy to follow procedures for implementing the BMPs including a background, a section on "how it works" and a guide to pick an appropriate BMP for the residents particular situation. As a member of the MS4 Co-Permittee Group, the Village of Godfrey was able to share this valuable resource with the rest of the group. More information on Stormwater Best Management Practices can be found on the Village's website at:

Stormwater-Best-Management-Practices.pdf (godfreyil.org)

For other great resources and events consider joining Madison County's public Facebook Group - Madison County Clean Communities!

MS4 Quarterly Meeting Review

A featured topic during the December Quarterly Meeting was a presentation on Post Construction Stormwater Management and Green Infrastructure, one of the six minimum control measures implemented by the Co-Permittee Group.

Tony Schenk, P.E., provided the group several resources that they could use to develop and implement these important BMP's. More information about Green Infrastructure and some of these resources can be found on EPA's website below, which can also be found by searching "Green Infrastructure, EPA".
Green Infrastructure | US EPA

The Co-Permittee group was also reminded of several required activities including: wet and dry weather storm water sampling, annual public meetings and record keeping requirements.

Gonzalez Companies has resources available for the group to help comply with permit requirements and promote pollution prevention in the waterways within Madison County. For more information on these resources contact Tony at: tschenk@gocos.net

Next Meeting March 15, 2023



EXHIBIT B.6-A

Madison County MS4 Co-Permittee Group 2022-2023 Quarterly Meeting Agendas

AGENDA

MS4 (Quarterly) Co-Permittee Group Meeting
March 16, 2022 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

Mary K. Brown

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

Stormwater Management – Steve

15. Ordinance Update (Site Development Regulations Ordinance)

Resource Management - Brandon

16. E-Cycling Events
17. HHW Collections
18. Environmental Grants

Green Schools - Bailey

19. Updates

Discussion Topics

20. March Newsletter – updates & suggestions
21. Data Collection for 2021-22 Annual Report
22. Wet Weather Sampling
23. Dry Weather Sampling

Presentation

24. Operations Training

Planning Ahead

Next Meeting: Wednesday June 8, 2022 at 9AM

AGENDA

MS4 (Quarterly) Co-Permittee Group Meeting

June 8, 2022 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

NA

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

7. Village of Godfrey- Completed
8. Granite City- Completed
9. Village of Hartford- Completed
10. Village of South Roxana- *Not Completed*
11. Nameoki Township - Completed
12. Fort Russell Township — Completed
13. Village of East Alton- Completed
14, Village of Glen Carbon – Completed

Stormwater Management — Gabrielle Reed

Ordinance Update (Storm Sewer Ordinance Revisions)

NOI: Illicit Discharge & Sediment and Erosion Updates

Resource Management – Brandon Banks

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

19. Environmental Grant Opportunities

Green Schools – Bailev Lutz

20. Updates

Discussion Topics

21. Case Studies from ASP Enterprise – Ed Nelson
22. 319 Grant Projects and Opportunities - Mike Andreas

Presentation

23. Floodplain and Stormwater Ordinances
24. Sediment and Erosion Control

Planning Ahead

Next Meeting: Wednesday September 14, 2022 at 9:00 AM

AGENDA

MS4 (Quarterly) Co-Permittee Group Meeting
September 14th, 9:00 AM
Madison County Board Room
157 N. Main Street, Suite 203
Edwardsville, IL. 62025

Introductions

Tony Schenk— Gonzalez Companies
Tammy Mezo—Gonzalez Companies

EMA Updates

- New EMA director; Fred Patterson.

Watershed Plans Update — (Heartlands Conservancy)

- Wood River and Piasa Creek Watersheds — *Completed (Executive Summaries)*
- Indian/Cahokia Creek Watershed — *In Progress*
- Portage de Sioux Watershed — *In Progress*

MS4 Audits Proposed Schedule FY2022

All audits for MS4 FY2022 are **completed.**

Stormwater Management — Gabrielle Reed

Flood Damage Prevention Ordinance – *Passed in July*
Stormwater Master Plan – *RFQ due to be sent out soon*
MS4 Geodatabase Outfall Mapping – *Completed*
NOI: Illicit Discharge & Sediment and Erosion Updates – *Trial and Error Event at Willoughby farms*

Resource Management – Brandon Banks

- E-Cycling Events – Sept 17th
- HHW Collections –*Limited until November*
- Tire Waste Collection Event – *Coming soon in October*
- Environmental Grant Opportunities

Green Schools – Bailev Lutz

- Updates – Illicit Drainage Stencil Opportunities *(Rentals)*

Discussion Topics – Gabrielle Reed

- *Future of Madison County MS4 Co-Permittee*

Presentation

- Tony Schenk; Gonzalez – *Good House Keeping for MS4 NOI*

Planning Ahead

Next Meeting: Wednesday December 14, 2022 at 9:00 AM

AGENDA

MS4 Quarterly Co-Permittee Meeting
December 14th, 9:00 AM
Madison County Board Room
157 N. Main Street, Suite 203
Edwardsville, IL. 62025

Introductions

Tony Schenk— Gonzalez Companies
Tammy Mezo—Gonzalez Companies

EMA Updates

- 2023 Flood Hazard Preparedness Education and Outreach with Madison County EMA –*2023 events for residents*

Watershed Plans Update — (Heartlands Conservancy)

- Wood River and Piasa Creek Watersheds — *319 Grant wit IEPA*
- Indian/Cahokia Creek Watershed — *319 BMP opportunities for landowners*
- Portage de Sioux Watershed — *Flood Survey sent to residents in East Alton, Alton, Godfrey, and Wood River*

MS4 Audits Proposed Schedule **FY2023**

All audits for MS4 FY2022 are completed.

- Madison – *Completed*
- Maryville- *Scheduled*
- Choteau- *Completed*
- Foster- *TBA*
- Pontoon Beach- *TBA*
- Roxana- *TBA*

Stormwater Management — Gabrielle Reed

- Stormwater Master Plan – *RFQ due to be posted on County website soon*
- NOI: Illicit Discharge Activity Opportunity: *Co-Permittee members sign-up with the County either through email, phone, or at the quarterly meetings.*

Resource Management – Brandon Banks

- E-Cycling Events- *2023 dates:*
  March 11
  June 17
  September 16
  October 21

Appointments for E-Waste events can be scheduled at:
https://recycleresponsibly.as.me/CJDEcycling

- HHW Collections- *dates TBA*
- Tire Waste Collection Event- *October 2023*
- Christmas Tree Recycling Event- *December 26th-January 14th (flyer with agenda)*
- Environmental Grant Opportunities- *deadline for application is January 27th*

Green Schools

Updates – NA

Discussion Topics – Gabrielle Reed

Proposed MS4 By-Laws- *Co-Permittee Input*

Presentation

Tony Schenk; Gonzalez – *Post Construction Stormwater Management/BMP's and Green Infrastructure*

Planning Ahead

Next Meeting:
March 15th at 9:00 AM 2023, in the County Board Room 203

EXHIBIT B.6-B

Madison County MS4 Co-Permittee Group 2022-2023 Quarterly Meeting Attendance Certificates

MADISON COUNTY STORMWATER MANAGEMENT

CERTIFICATE OF ATTENDANCE

This certificate is awarded to

NAME: _____

In recognition for attending:

MS4 4rd. Quarter Meeting : Annual Report Data, Operations, Sampling

Madison County Board Room

PRESENTERS: S. BRENDEL, T. SCHENK, T.MEZO DATE: MARCH 16, 2022

PDH Credits: 2.0

MADISON COUNTY PLANNING & DEVELOPMENT

Steven D. Brendel

Signature

3/16/2022

Date

MADISON COUNTY ILLINOIS

MADISON COUNTY STORMWATER MANAGEMENT

CERTIFICATE OF ATTENDANCE

This certificate is awarded to

NAME: _____

In recognition for attending:

MS4 1st. Quarter Meeting : Sediment & Erosion Control

Madison County Board Room

PRESENTERS: G. REED, T. SCHENK, E. NELSON DATE: JUNE 8, 2022

PDH Credits: 2.0

MADISON COUNTY PLANNING & DEVELOPMENT

Signature

6-8-2022
Date

MADISON COUNTY ILLINOIS

MADISON COUNTY STORMWATER MANAGEMENT

CERTIFICATE OF ATTENDANCE

This certificate is awarded to

NAME:_____

In recognition for attending:

MS4 Third Quarterly Meeting: Pollution Prevention & Good Housekeeping

Madison County Board Room, Suite 203

PRESENTERS: G.B. REED, T. SCHENK, T. MEZO DATE: _SEPTEMBER 14TH, 2022_

PDH Credits: 2 Hours

gonzalez

Signature

9-14-2022
Date

MADISON COUNTY ILLINOIS

MADISON COUNTY
STORMWATER
MANAGEMENT

CERTIFICATE OF ATTENDANCE

This certificate is awarded to

NAME:_____

In recognition for attending:

MS4 4th. Quarter Meeting : Post Construction Stormwater Management and Green Infrastructure

Madison County Board Room

PRESENTERS: G.REED, T. SCHENK, T.MEZO DATE: DECEMBER 14TH , 2022

PDH Credits: 2.0

gonzalez

Signature

12-14-2022
Date

MADISON COUNTY ILLINOIS

EXHIBIT B.7-A

2022 Prescription Drug Take Back

https://www.collinsvilledailynews.com/news/madison-county-s-prescription-drug-take-back-day-is-this-weekend/article_dfd79d52-552d-11ed-af43-f3383108a1b6.html

FEATURED

Madison County's Prescription Drug Take Back Day Is This Weekend

Oct 26, 2022

EDWARDSVILLE - Madison County's law enforcement agencies, in cooperation with the U.S. Drug Enforcement Administration, will operate a drop-off site for Prescription Drug Take Back Day on Saturday, Oct. 29, in Edwardsville.



Madison County State's Attorney Thomas A. Haine, Sheriff John Lakin and Coroner Steve Nonn will be operating the drop-off site in coordination with the DEA. The drop-off site, open from 10 a.m. to 2 p.m., will be in the Madison County Administration Building's back parking lot on Second Street in Edwardsville: Madison County Administration Building, 157 North Main Street, Edwardsville, IL 62025.

Haine said the event is "a great way for local residents to help fight the overdose epidemic and save lives."

Lakin added, "I encourage local residents to take advantage of this opportunity to dispose of unneeded medicines in a way that is healthy and safe."

Nonn said, "So many tragic overdose deaths could have been averted if unneeded prescription drugs had been disposed of properly."

The Prescription Drug Take Back Day provides an easy, no-cost opportunity to dispose of medicines stored in the home that are susceptible to abuse and theft. The majority of opioid addictions start with prescription pills found in medicine cabinets at home.

Pharmaceutical drugs can be just as dangerous as street drugs when taken without a prescription or a doctor's supervision.

Items that can be accepted at the event include: Prescription medication including controlled substances

Over-the-counter medications

Vitamins Items that cannot be accepted include:

Any illicit drugs. (These substances can be turned over to a police department at any time.)

Sharp objects, including needles, auto-injectors, etc. Please check with your waste disposal company to learn their procedures for the safe disposal of these items.

Liquids not secured in a leak-proof container.

Biohazardous materials.

Glass objects, including thermometers or other medical devices.

Aerosols, including inhalers. Since 2010, DEA, along with its law enforcement partners, has collected nearly 16 million pounds of unneeded prescription medications.

EXHIBIT B.7-B

2022-2023 Christmas Tree Recycling

Madison County to host its 25th year of Christmas Tree Recycling Collection

In coordination with Madison County Building & Zoning, townships and municipalities throughout the county are providing 34 drop-off sites for residents to dispose of their Christmas trees.

The Christmas Tree Recycling Program has operated successfully for the past **25 years** in Madison County. The recycled trees are chipped into mulch and used in public gardens and parks across the community.

Rather than toss the tree in the trash, take it to a recycling location. **Trees will be accepted from Dec. 26 through Jan. 14, 2022**. All lights and ornaments must be removed prior to drop-off. Pine wreaths, pine roping, or other landscape waste is prohibited.

Building & Zoning created a downloadable holiday recycling guide on its Recycling 101 page. (https://bit.ly/2T0j4On) The guide depicts which holiday items can and cannot be placed in single-stream recycling.

Other common holiday items such as burnt out Christmas light strands, plastic bags, bubble wrap, and plastic air pillows are recyclable but not in your single stream bin. These items can be dropped off at recycling bins found at many local stores. For additional information, www.earth911.com is a great resource to find drop off locations for these items locally.

More information, visit the county website: https://bit.ly/3lS7mX4



CHRISTMAS TREE COLLECTIONS

- 34 drop-off sites for residents to dispose of their Christmas trees.
- 25 Year Anniversary
- From Dec. 26 through Jan. 14, 2023



2022-2023 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)	1.Riverview Park – Park Ave 2.Haskell Park – 1211 Henry St. 3.James Killion Park at Salu – Washington Ave at Salu 4.Milton Park – End of Aberdeen Ave. 5.Former Great Central Lumber lot – at the foot of Henry St.		No	
Chouteau Township	Township Garage	906 Thorngate Rd., Granite City	Yes, please call 618-931-6333 to request.	
Collinsville (2 locations)	1.Willoughby Farm – 631 Willoughby Lane 2.Woodland Park – 2 Pine Lake Road @ Fletcher Filed parking lot		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

2022-2023 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	
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 streets@maryville-il.us to request pickup	**Trees Only** Charge for limbs and yard waste
Moro Township		117 Montgomery St., Moro	No	

2022-2023 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

EXHIBIT B.7-C

2022 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 2022 COLLECTION DATES!

MARCH 12	8AM-2:30PM
JUNE 18	8AM-2:30PM
SEPTEMBER 17	8AM-2:30PM
OCTOBER 22	8AM-2:30PM

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

EMAIL 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
OR SCAN THE QR CODE

(OPEN PHONE CAMERA AND POINT TO SCAN CODE)

2022 ELECTRONIC WASTE COLLECTIONS



E-Waste 2022	Households Serviced	Waste Collected
4 Collections (Quarterly)	1,400+	120,000lbs





EXHIBIT B.7-D

2022 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 6th & FRIDAY, OCTOBER 7th

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

2022 TIRE WASTE COLLECTIONS



Tire Collection 2022	Munis/Townships Serviced	Waste Collected
October 6th & 7th	32 Up from 31	71 Tons Down from 78

EXHIBIT B.7-E

2022 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

Website: www.madisoncountybz.com

Phone: 618-296-5237

FREE drop off for Illinois Residents

Open every 1st Saturday and 3rd Friday of the month

8AM to 3PM

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

No Latex paint, Tires, Electronics, Ammunition, Agricultural wastes, Explosives, Fireworks, Fire extin-guishers, 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

MADISON COUNTY HOUSEHOLD HAZARDOUS WASTE COLLECTION FACILITY

- Twice a month

  First Saturday | Third Friday

- 24 Collections/yr
- **Open to All Illinois Residents**
- FREE DROP OFF
- Final Weights: **TBA**
- 2023 Dates: **TBA**

OUTSTANDING PUBLIC SECTOR RECYCLING PROGRAM AWARD – ILLINOIS RECYCLING ASSOCIATION



EXHIBIT B.7-F

2022 Community Cleanup Days

CLEAN COMMUNITIES LITTER PROGRAM

- The 2022 Clean Communities program which is focused on cleaning up litter in Madison County successfully distributed over **1,600 resource kits** to residents each including a safety vest, litter grabber, gloves, and trash bags.






MADISON COUNTY
CLEAN COMMUNITIES
BUILDING & ZONING DEPT.

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





EXHIBIT B.7-G

2022 Stormwater Management

Watershed Plans

ORDINANCE #: 2022-04

ORDINANCE AUTHORIZING THE MADISON COUNTY FLOOD DAMAGE PREVENTION ORDINANCE

WHEREAS, on the 7th day of July 2022, a public meeting was held to consider a petition authorizing the Madison County Flood Damage Prevention Ordinance (See Attachment "A" for the ordinance); and,

WHEREAS, it is the recommendation of the Building & Zoning Committee of the Board of Madison County that the petition authorizing the Madison County Flood Damage Prevention Ordinance be as follows: **Approved with Attachment "A"**; and,

WHEREAS, it was the opinion of the County Board of Madison County that the findings made by the Madison County Building & Zoning Committee should be approved and ordinance adopted.

THEREFORE, BE IT RESOLVED that this ordinance is approved and shall take effect immediately upon its adoption.

Mick Madison, Chairman

Dalton Gray

Terry Eaker

Ryan Kneedler

Bill Meyer

Nick Petrillo

Robert Pollard

Bobby Ross

Victor Valentine

Building & Zoning Committee
July 7, 2022

County Board Chairman

7/25/2022
Date

County Clerk

8-1-2022
Date

STATE OF ILLINOIS)
SS
COUNTY OF MADISON)

I, Debra D. Ming-Mendoza, County Clerk in and for said County, in the State aforesaid, and keeper of the records and files thereof, as provided by statute, do hereby certify the foregoing to be a true, perfect and complete copy of a resolution and/or ordinance adopted by the County Board of Madison County, at its regular meeting held at Edwardsville, July 20, 2022.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seal of said County at my office in Edwardsville, in said County, this 1st day of August, 2022.

Debra Ming Mendoza
County Clerk and Clerk of the
Madison County Board

By

MADISON COUNTY
UPDATED FLOOD MAP OPEN HOUSES



FEMA

NOTE: THERE IS NO FORMAL PRESENTATION DURING THE OPEN HOUSE MEETINGS

Updated Preliminary Flood Insurance Rate Maps are being released for Madison County.

Attend either Open House to learn about your risk and how your property may be impacted.

IN-PERSON OPEN HOUSE #1

JAN 18 FROM 5:30 P.M. TO 7:30 P.M.

LOCATION: Granite City Township Hall
2060 Delmar Ave; Granite City, IL 62040

IN-PERSON OPEN HOUSE #2

JAN 19 FROM 5:30 P.M. TO 7:30 P.M.

LOCATION: Wood River Public Library
326 E Ferguson Ave; Wood River, IL 62095



CONTACT:

John O'Donnell
Water Programs Manager
HeartLands Conservancy
John.odonnell@heartlandsconservancy.org
(618)566-4451 ext. 14

September 9, 2022
FOR IMMEDIATE RELEASE

INDIAN-CAHOKIA CREEK WATER QUALITY IMPROVEMENT PROJECTS
FINANCIAL ASSISTANCE PROGRAM SIGN UP

MADISON COUNTY, ILL. – A sign-up period is now open for landowners in the Indian-Cahokia Creek Watershed to apply for funding from a financial assistance program through HeartLands Conservancy. This financial assistance comes from a grant of over $830,000 from Illinois EPA Section 319 Nonpoint Source Pollution Control program and Madison County. HeartLands Conservancy recently received this funding to go towards watershed improvement projects in the Indian-Cahokia Creek Watershed.

The area eligible for financial assistance is in north-central Madison County and southern Macoupin County. The area includes all or parts of the following municipalities: Bethalto, Bunker Hill, Dorchester, Dorsey, Edwardsville, Glen Carbon, Hartford, Holiday Shores, Prairietown, Roxana, South Roxana, Staunton, Wilsonville, Wood River, and Worden. A map of the eligible area is located here: https://heartlandsconservancy.org/water/INDIAN-CAHOKIA-CREEK-WATERSHED

HeartLands Conservancy is seeking landowners to voluntarily install water quality improvement projects, called best management practices (BMPs), in the watershed to reduce nonpoint source pollution, soil erosion, and nutrient and sediment loadings.

The following practices eligible for financial assistance include:

- Grassed waterways
- Ponds
- Water and sediment control basins

- Wetland restoration
- Shoreline stabilization
- Stream channel stabilization
- Streambank stabilization
- Bioswales
- Cover crops
- Sediment Basin

The financial assistance program will reimburse 50% of construction costs on selected projects started and completed during the grant period. Unfortunately, not all projects can be funded. Projects will be selected based on their pollutant reduction, cost, and other criteria.

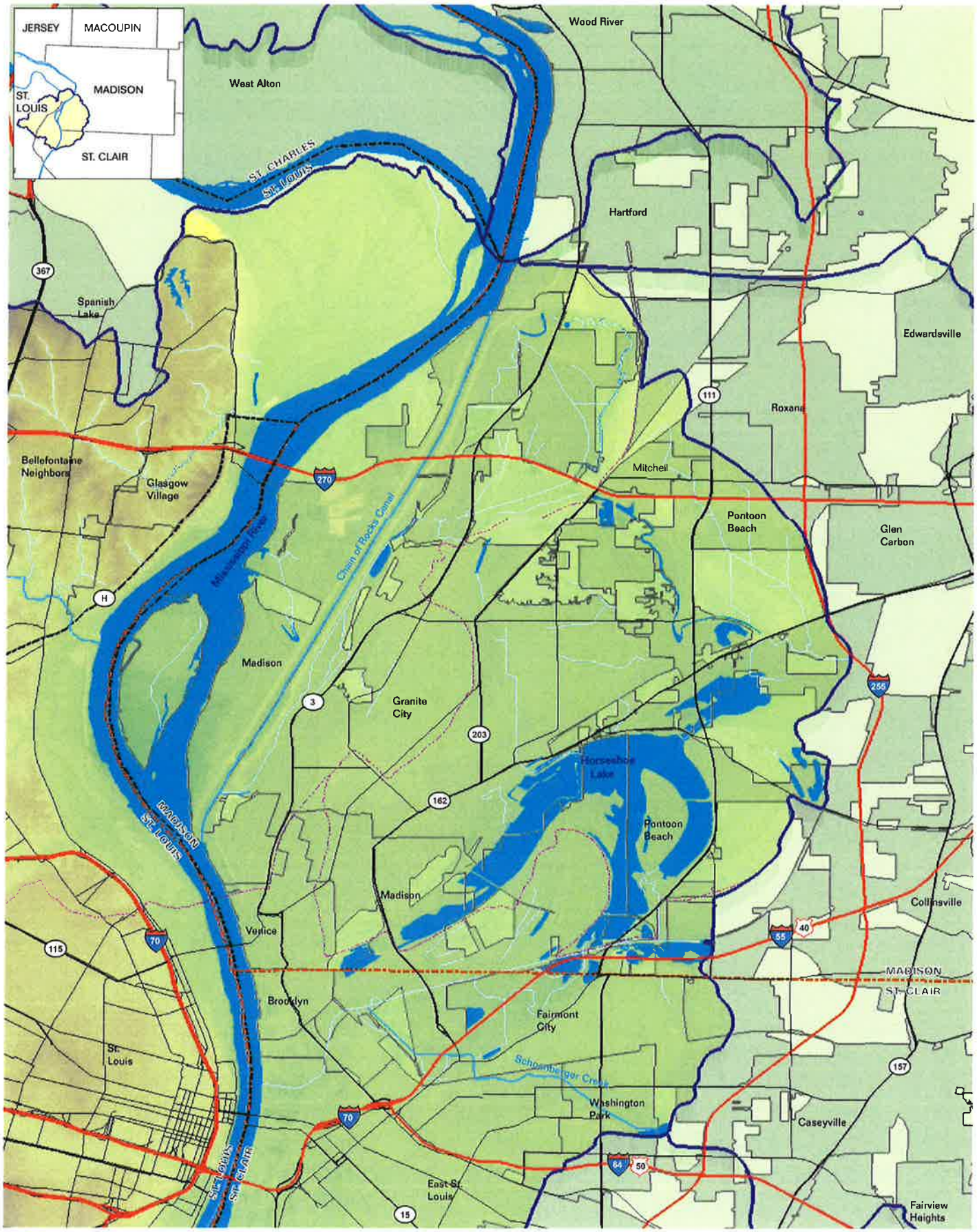
The sign up period is open from now until October 31, 2022. Projects will be selected and built as funds allow. If funds are still available after all initially selected projects have been approved, another sign up period will be announced at a later date.

For information and updates on this project and to find out if your property is in the watershed, view the watershed map available at:

https://heartlandsconservancy.org/water/indian-cahokia-creek-watershed/

For additional information on Illinois' Nonpoint Source Management Program and the 319(h) Grant Program, please visit: https://www2.illinois.gov/epa/topics/water-quality/watershed-management/nonpoint-sources/Pages/default.aspx.

Judy's Branch Watershed



MADISON COUNTY

HEARTLANDS CONSERVANCY

ENVIRONMENTAL GRANTS NOW AVAILABLE!

- The Environmental Grant Program provides reimbursement funding to units of local government for:

Solid waste management	Air quality initiatives	Energy efficiencies
Smart growth	Stormwater projects	BMP's
EV Infrastructure	Solar	HVAC and more...

Grants of up to $15,000

20% Match

Applications Due by January 27, 2023

EXHIBIT B.7-H

2022 Recycling and Resource Management

RECYCLING CAMPAIGNS & OUTREACH



KNOW?

ng

ricans use more than 67 million of paper per year, or about 580 ds per person.

Paper



DID YOU KNOW?

Recycling

Recycling 1 million laptops saves energy equivalent to the electricity used by 3,657 U.S. homes in a year.

Electronic Waste



DID YOU KNOW?

Recycling

Cell phones and other electronic items contain high amounts of precious metals like gold or silver.



Electronic Waste



DID YOU KNOW?

Recycling

Madison County distributed over 1,500 Clean Communities Kits in 2021. On track to exceed that number in 2022.



Clean Communities



DID YOU KNOW?

Organic Materials

We generate 21.5 million tons of food waste each year. If we composted that food, it would reduce the same amount of greenhouse gas as taking 2 million cars off the road.



DID YOU KNOW?

Recycling

Each ton of recycled paper can save 17 trees, 380 gallons of oil, three cubic yards of landfill space, 4,000 kilowatts of energy and 7,000 gallons of water.

Paper



DID YOU KNOW?

Recycling

You can recycle aluminium over and over again. There is no limit to how many times it can be recycled.

Aluminum



DID YOU KNOW?

Recycling

Recycling one aluminum can, can save the same amount of energy that is necessary to keep a 100 watt light bulb burning for about 4 hours.



Aluminum

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.

*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.

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.

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.

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.

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.

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.

Contact Information:

Bailey Lutz
Green Schools Coordinator
Phone: (618) 296-4606
Email: 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
157 N. Main Street, Suite 254
Edwardsville, IL 62025

For additional resources or questions:

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

MS4 Update 6.8.2022

Ewaste Flyer – Collection Next Saturday 18th – TV's anything with a cord- Free Collection (Sign up soon recommended)

HHW Flyer – Have seen an increase in rates over the Spring cleaning season. Next Collection this Saturday 11th (weights have doubled – **April Largest Month by volume**)

Clean Communities Program – 900 Kits distributed.

- Working with folks at Republic to continue cracking down on the causes of litter. Tarping, general consolidation of trash. Meet Quarterly
- Plenty of supplies for clean up

Environmental Grant project 3 of our the 11 are completed

- **Bethalto** – HVAC retrofit -Removed old furnace and air conditioning at Village Hall
- **Nameoki** – Stump grinder for retention ponds, parks and roadway improvements.
- **New Douglas** – Energy Efficiency Project – HVAC improvements at Community center

If you are interested in the 2023 Grants 20% matching, please reach out to me in the 3rd quarter to keep a look out on our website. Those RFP's typically go out sometime in October

Also be on the lookout for the **municipal tire collection** usually first week in October. Take care of disposal.

Community Clean ups – hosted 2 this quarter **(New Douglas & Olive Townships)** projected at least 2 more next quarter.

- These are bulk clean ups, typically provided 2-4 40yrd roll offs (as needed) during the week event. Very successful. No cost to townships.
-

Education: Part of our required public outreach and educational programs.

Recycling Campaign – increase recycling rates, decrease contamination. Post every day on our social media channels regarding recycling questions and general infographics

- We recently seen county recycling weights tick down. Leading us to believe less folks are recycling creating more waste going into our landfill and waste streams. Which we

Arlington Burn video – Worked with Heartlands Conservancy in April for Prescribed Burn

- Part of our required public outreach and educational programs.

Resource Management MS4 Meeting Recap

- Final E-waste Collection
  - October 22nd, 2022
  - Appointments required

- Household Hazardous Waste permanent site current operating at limited capacity
  - Still open
  - Temporarily Limited Items: Pesticides, herbicides, lawn fertilizers/chemicals, pool chemicals, and medicines

- Used Tired Collection for Government Entities.
  - October 6th & 7th
  - Free Drop off at Nike Base Storage Facility

- 2023 Environmental Grant RFP's released early November
  - $15,000 Matching Grant. Can be paired with Federal Grants

- Federal Grants - Grants.gov
  - Extensive funding available over the next several months. (Highly encourage)

Flyers Attached

EXHIBIT B.7-I

2022 Groups and Organizations

AMERICAN PUBLIC WORKS ASSOCIATION

2021 Branch Fees
APWA Illinois Chapter; Gateway Branch

Regular meetings are held on the first Tuesday of even numbered months except in October. Mark your calendar and plan to attend. Please feel free to invite a guest who may be interested in the featured topic and/or might be interested in joining APWA.

American Public Works Association
Illinois Chapter

- **$15.00 Gateway Branch Fees** ☐

To help us keep our mailing list up to date, please complete the following information:

Name: Gabrielle Reed

Title: Stormwater Coordinator

Company: Madison County Government

Street Address: 4063 Bruene ave

City, State, Zip: Pontoon Beach, IL, 62040

Phone: 618-438-9909

E-mail: gbreed@madisoncountyil.gov

Please mail form and fees to:
Troy Turner, P.E., CFM
City of Collinsville
300 Simpson St.
Collinsville, IL 62234

AGENDA
APWA Illinois Chapter; Gateway Branch
General Membership Meeting
Bella Milano Restaurant, O'Fallon, IL
Date: 08/02/2022

President: Jeff Reis
Vice President: Brian Schmidt
Secretary: Troy Turner
Treasurer: Amanda Dioneda

Past President: Lori Daiber

Directors: 2-yr: Rebecca Tharp, Tim Ahrens, Ryan Zwijack
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. Illinois Chapter Meeting held July 15th (Virtual)
    a. Snow Rodeo – Cancelled
2. Next Illinois Chapter Meeting – September 23, 2022 @ 10:00 hosted by the Gateway Branch – RP Lumber Center, 6289 Tiger Drive, Edwardsville
3. IPSI (Illinois Public Service Institute)
    a. October 2-7,2022, Effingham IL
    b. Registration - www.ilpsi.org
4. 2022 PWX - Public Works Expo, August 28-31, 2022, Charlotte, NC
5. Annual Chapter Golf Outing – Belk Park, September 9th
    a. 11:00 AM shotgun start
    b. Sponsorship opportunities remain
    c. Sign-up by August 19th
    d. Taking donations for attendance prizes
6. Next Meeting of Gateway Branch, December 6th (Bella Milano – Edwardsville)

Presentation – Brett Gaither (Byrne and Jones) – "It's not your grandfather's asphalt. What can you do about it?"

Adjournment

AGENDA
APWA Illinois Chapter; Gateway Branch
General Membership Meeting – Sponsored by Civil Design, Inc.
Bella Milano Restaurant, Edwardsville, IL
Date: 02/14/2023

President: Jeff Reis
Vice President: Brian Schmidt
Secretary: Troy Turner
Treasurer: Amanda Dioneda

Past President: Lori Daiber

Directors: 1-yr: Rebecca Tharp, Tim Ahrens, Ryan Zwijack
2-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 - $30 – Forms will be emailed out to the membership
2. Lunch sponsorship opportunity - $200
3. Illinois Chapter Meeting held January 27th in Springfield
    a. 2024 PWX will be held in Chicago on August 18-21, 2024
4. Next Illinois Chapter Meeting will be held Friday, March 24th in Carbondale
5. State Conference May 3rd -5th in Peoria - Schedule TBD
6. Gateway Branch will be hosting the State Chapter meeting on September 15th or 29th - Location TBD
7. IPSI (Illinois Public Service Institute)
    a. April 23-28, 2023, Effingham IL
    b. October 1-6, 2023, Effingham IL
    c. Registration - www.ilpsi.org
8. MAPSI (Midwest Advanced Public Service Institute)
    a. April 16-19, 2023, St. Joseph, Michigan
    b. Registration - www.themapsi.org
9. 2023 PWX - Public Works Expo, August 27-30, 2023, San Diego, CA
10. Annual Chapter Golf Outing – Belk Park, September 8, 2023
    a. 11:00 shotgun start
11. Next Meeting of Gateway Branch, April 4, 2023 (Bella Milano – O'Fallon)

Presentation – Tracy Deniszczuk (Precision Concrete, Inc.) – "Sidewalk Remediation"

Adjournment

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, ST. LOUIS DISTRICT
1222 SPRUCE STREET
ST. LOUIS, MISSOURI 63103

January 11, 2023

Operations, Readiness and
Regulatory Division
Readiness Branch

Dear Flood Preparedness Stakeholder,

Flood Preparedness Workshops with drainage and levee district and emergency management officials will be held in-person at five (5) locations in February and March 2023. Dates and locations are listed below for your local area. If are not able to attend the one in your local area, please feel free to join us at one of the other locations as similar topics will be presented at each. In addition, the 2 March workshop will be accessible via WEBEX (instructions enclosed). All Workshops will be held from 6:30 p.m. to 8:30 p.m.

- 14 February, Jacksonville Visitor and Convention Bureau, 310 E. State St. Jacksonville, Illinois 62650
- 16 February, University of Illinois Extension Office, 901 Illinois Ave, Waterloo, Illinois 62298
- 22 February, Hungate Performing Arts Center, 1190 Old Cap Au Gris Rd, Troy, Missouri 63379
- 28 February, Osage Centre, 1625 N Kingshighway St., Cape Girardeau, Missouri 63701
- 2 March, National Great Rivers Museum, 1 Locks and Dam Way, Alton, Illinois 62002, and via WEBEX (instructions enclosed)

The workshop format is organized around several topics; the National Weather Service (NWS) will present the Spring flood outlook and the St. Louis District will discuss levee safety, flood response and recovery, and other programs of relevance to sponsors. In addition, State, Regional, County, and Local emergency management agencies are expected to participate in the workshops.

This workshop is intended to be an open forum for discussion by all participants. We encourage you to discuss operation and maintenance issues, flood recovery, overall flood preparedness, or any other related topics important to you. We also ask that you provide updated contact information for your levee system, including email addresses, using the enclosed form or via an email that includes the information. This invitation, including the enclosures, was also provided via electronic mail to the email addresses we currently have on file for your organization.

While it is not necessary to RSVP for the workshops, please feel free to contact me at (314) 331-8569 (John.L.Osterhage@usace.army.mil), or Cathy Van Arsdale at (314) 331-8570 (Cathy.VanArsdale@usace.army.mil), for any questions you may have.

Sincerely,

John L. Osterhage, P.E.
Chief, Readiness Branch

Enlcosures

MADISON COUNTY TOWNSHIP
HIGHWAY COMMISSIONERS ASSOCIATION

June 6, 2022

To: All Highway Commissioners

Re: Meeting Notice

Dear Commissioner,

MEETING-
The Madison County Township Highway Commissioners will meet on **June 10, 2022** – 8:15 A.M. at The Other Place on The Hill in Hamel for breakfast. The meeting will follow beginning at 9:00 A.M. We will have reps from the new oiling company Illiana there introducing themselves.

SINCE THIS IS A BUFFET BREAKFAST-
Please respond by email or call with a number who will be attending for breakfast so we can plan accordingly.

Chad Zobrist
618-781-0054

Chair
Mark A. Kern
Chairman, St. Clair County Board
Vice Chair
Tishaura Jones
Mayor
City of St. Louis
2nd Vice Chair
Tim Brinker
Presiding Commissioner
Franklin County
Executive Committee
Steve Ehlmann
County Executive, St. Charles County
Dennis Gannon
County Executive, Jefferson County
Dennis M. Knobloch
County Board Chairman
Monroe County
Dr. Sam Page
County Executive, St. Louis County
Kurt Prenzler
Chairman
Madison County Board
Members
Darlene Bell
President
Municipal League of Metro St. Louis
Honorable Rita Heard Days
Councilwoman, 1st Council District
St. Louis County
Robert Eastern III
Mayor, City of East St. Louis
Mike Elam
Councilman, District 3
St. Charles County
Megan Green
President, Board of Aldermen
City of St. Louis
Mark Kupsky
President, Southwestern Illinois
Council of Mayors
Roy Mosley
St. Clair County
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
Brad Zobrist
Franklin 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

EAST-WEST GATEWAY
Council of Governments

Creating Solutions Across Jurisdictional Boundaries

AGENDA
WATER RESOURCES ADVISORY COMMITTEE
Tuesday, February 28, 2023
10:30 AM – 12:00 PM
East-West Gateway Board Room and Virtual

The East-West Gateway Offices are now open to the public. You are welcome to attend this meeting in person or virtually on the GoToMeeting platform.

You can listen, talk, and/or view the meeting via:
Computer - https://meet.goto.com/946261181

Access code: 946-261-181

Or Phone - +1 (312) 757-3121

1. CALL TO ORDER - Carol Lawrence, Chair, East-West Gateway Council of Governments
2. DISCUSSION ITEMS
   - **A. Frontenac's Timber Trail to Briar Ridge Streambank Restoration Project**
     - Len Maladon, EDM Inc.
     - Jeff Wappelhorst, City of Frontenac
   - **B. Municipal Stormwater Management Planning Efforts**
     - Eric Karch, Rietz & Jens
     - Josiah Holst, HR Green
   - **C. Caulks Creek Watershed Study in Wildwood**
     - Paul Rydlund, Central Midwest Water Census - USGS
3. OTHER BUSINESS/ANNOUNCEMENTS
4. ADJOURNMENT

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



GROW native!®

www.grownative.org

Keeping Nature Near®

MEMBER 2023

EXHIBIT D.2-A

2022 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 feasiable 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

We want to help you!

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, 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 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 destory 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 acumulation 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.

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







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.



Best Management Practices

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

Straw Blankets

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 bypassing. Leave stake tops extended along sections to prevent dive-overs.

EXHIBIT D.6/E.5-A

2022 Construction Site Inspector's Training

United States Environmental Protection Agency | Office of Water (4203) | EPA 833-F-00-009 January 2000 (revised December 2005) Fact Sheet 2.7

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
- Urban Nonpoint Source Guidance
www.epa.gov/owow/nps/urbanmm/index.html
- Low Impact Development Web site
www.epa.gov/owow/nps/lid

Stormwater Routine Inspection Form

Inspection Information			
Facility Name			
Permit Auth. No.			
Date of Inspection	Insert Date	Start/End Time	Insert Start/End Times
Inspector's Name(s)	Insert Names		
Inspector's Title(s)	Insert Titles		
Inspector's Contact Information	Insert Contact Info		
Inspector's Qualifications	Insert Qualifications		

Weather Information
Weather at time of this inspection: ☐ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snow ☐ High Winds ☐ Other: Temperature:
Have any previously unidentified discharges of pollutants occurred since the last inspection? ☐ Yes ☐ No If yes, describe:
Are there any discharges occurring at the time of inspection? ☐ Yes ☐ No If yes, describe:

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
1	Cover on all waste/recycle containers	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	N/A
2	Yard Spill Kits	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	N/A
3	Fueling Drip Protection Drain Guards Spill Cleanup Materials	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	N/A
4	Curbing	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	N/A
5	Stormwater drain grate covers	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	N/A
6	Established Vegetation	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	N/A

Stormwater Routine Inspection Form

Control Measures

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- *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	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	Describe Maintenance and/or Corrective Actions Needed
8	Insert Control Measure Name	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	Describe Maintenance and/or Corrective Actions Needed
9	Insert Control Measure Name	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	Describe Maintenance and/or Corrective Actions Needed
10	Insert Control Measure Name	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ 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	☐ Yes ☐ No ☐N/A	☐ Yes ☐ No	Describe Maintenance and/or Corrective Actions Needed
2	Equipment operations and maintenance areas	☐ Yes ☐ No ☐N/A	☐ Yes ☐ No	Describe Maintenance and/or Corrective Actions Needed
3	Fueling areas	☐ Yes ☐ No ☐N/A	☐ Yes ☐ No	Describe Maintenance and/or Corrective Actions Needed
4	Outdoor vehicle and equipment washing areas	☐ Yes ☐ No ☐N/A	☐ Yes ☐ No	Describe Maintenance and/or Corrective Actions Needed
5	Waste handling and disposal areas	☐ Yes ☐ No ☐N/A	☐ Yes ☐ No	Describe Maintenance and/or Corrective Actions Needed
6	Erodible areas/construction	☐ Yes ☐ No ☐N/A	☐ Yes ☐ No	Describe Maintenance and/or Corrective Actions Needed
7	Non-stormwater/ illicit connections	☐ Yes ☐ No ☐N/A	☐ Yes ☐ No	Describe Maintenance and/or Corrective Actions Needed
8	Salt storage piles or pile containing salt	☐ Yes ☐ No ☐N/A	☐ Yes ☐ 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	☐ Yes ☐ No ☐N/A	☐ Yes ☐ No	N/A
10	Processing areas	☐ Yes ☐ No ☐N/A	☐ Yes ☐ No	N/A
11	Areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water	☐ Yes ☐ No ☐N/A	☐ Yes ☐ 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	☐ Yes ☐ No ☐N/A	☐ Yes ☐ No	N/A
13	(Other)	☐ Yes ☐ No ☐N/A	☐ Yes ☐ No	N/A
14	(Other)	☐ Yes ☐ No ☐N/A	☐ Yes ☐ 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"?	☐ Yes ☐ 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? ☐ No	☐ Yes		
Nature of Discharge: ☐ Rainfall ☐ Snowmelt			
Rainfall Amount:	Previous Storm Ended > 72 hours Before Start of This Storm?	☐ Yes ☐ No	

Pollutants Observed	
Color	☐ None ☐ Other (Describe): _____
Odor	☐ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas ☐ Solvents ☐ Other (Describe): _____
Clarity	☐ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other
Floating Solids	☐ No ☐ Yes (Describe): _____
Settled Solids**	☐ No ☐ Yes (Describe): _____
Suspended Solids	☐ No ☐ Yes (Describe): _____
Foam (gently shake sample)	☐ No ☐ Yes (Describe): _____
Oil Sheen	☐ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick ☐ Other (Describe): _____
Other Obvious Indicators of Stormwater Pollution	☐ No ☐ Yes (Describe): _____

* 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.
** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

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).

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"?	☐ Yes ☐ No	
Person(s)/Title(s) collecting sample:			
Person(s)/Title(s) examining sample:			
Date & Time Discharge	Date & Time Sample Collected:	Date & Time Sample	
Substitute Sample? ☐ No	☐ Yes		
Nature of Discharge: ☐ Rainfall ☐ Snowmelt			
Rainfall Amount:	Previous Storm Ended > 72 hours Before Start of This Storm?	☐ Yes ☐ No	

Pollutants Observed	
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Clarity	☐ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other
Floating Solids	☐ No ☐ Yes (Describe): _____
Settled Solids**	☐ No ☐ Yes (Describe): _____
Suspended Solids	☐ No ☐ Yes (Describe): _____
Foam (gently shake sample)	☐ No ☐ Yes (Describe): _____
Oil Sheen	☐ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick ☐ Other (Describe): _____
Other Obvious Indicators of Stormwater Pollution	☐ No ☐ Yes (Describe): _____

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Stormwater Visual Assessment Form

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Outfall Name:	"Substantially Identical Discharge Point"?	☐ Yes ☐ No	
Person(s)/Title(s) collecting sample:			
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Date & Time Discharge	Date & Time Sample Collected:	Date & Time Sample	
Substitute Sample? ☐ No	☐ Yes		
Nature of Discharge: ☐ Rainfall ☐ Snowmelt			
Rainfall Amount:	Previous Storm Ended > 72 hours Before Start of This Storm?	☐ Yes ☐ No	

Pollutants Observed	
Color	☐ None ☐ Other (Describe): _____
Odor	☐ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas ☐ Solvents ☐ Other (Describe): _____
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A. Name:		B. Title:	
C. Signature:		D. Date Signed:	

EXHIBIT F.1-A

IAFSM 2023 Annual Conference

IAFSM

Illinois Association for
Floodplain and Stormwater Management

2023 Annual Conference

Tuesday & Wednesday
March 14 & 15, 2023

Tinley Park Convention Center
Tinley Park, Illinois

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

LOCATION AND LODGING

Location: The conference is at the Tinley Park Convention Center
18451 Convention Center Dr, Tinley Park, IL 60477, http://www.evenhotels.com/chitinleypark.

Lodging: A special conference rate of $145 plus tax, for a standard room, per night, has been established at the Even Hotel. Guests can book a room at our conference rate in one of the following ways:

- By calling the front desk at 708-444-1100 and referencing the IAFSM Conference, or group code AFS
- By going on their website http://www.evenhotels.com/chitinleypark , entering your stay dates & group code AFS.

If you are requesting a state/government rate you will need to contact the hotel directly. they typically have a limited number of those rooms so make your reservation early.

Registration: Registration covers lunches, breaks, materials and your 2023-2024 IAFSM membership. **Discount on or before February 10, 2023 ($430).** If you register after February 10th the cost for the conference is $490. The deadline for registrations and cancellations is February 24, 2023.

Please follow the link below to register on-line.

https://www.illinoisfloods.org/meetings/register/options/1026

EXHIBITORS & SPONSORS

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

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

	On or before Feb 10	**After Feb 10, thru Feb 24**
Exhibitor Fee	**$800**	**$900**
Registration Fee	**$430**	**$490**
Full Time Student Registration Fee (***2 day conference***) Student must be enrolled in at least 6 credit hours to qualify for this rate.	**$75**	**$75**
Full Time Student Registration Fee (***half day sessions - no meals***) Student must be enrolled in at least 6 credit hours to qualify for this rate.	**Free**	**Free**

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

We will once again have a mobile app for the conference. Stay tuned for more details as the conference date gets closer.

SILENT AUCTION

This year at the Illinois Association for Floodplain and Stormwater Management conference a silent auction to be held. All proceeds from the silent auction will go towards the Association of State Floodplain Managers Foundation (ASFPM) Future Leaders Scholarship fund (ASFPM Foundation). Supporting of Future Leaders is imperative and The ASFPM Foundation Future Leaders Scholarship has been established to provide financial support, mentoring and professional opportunities to undergraduate students who will grow to advance the vision of the ASFPM Foundation. If you or your organization are able to donate something please contact Dallas Alley (alley@cofh.org) so that he can coordinate logistics with you.

Tuesday, March 14, 2023

8:00 am Registration
Exhibits and continental breakfast - Exhibitor hall

8:00 – 9:00 am Young Professionals Meet-and-Greet Table (designated table in Exhibit South)

9:00 am **Plenary Session**

- Welcome
- Dr. John Foley, Project Drawdown

10:10 am Break - Exhibitor Hall

10:30 am **Concurrent Session 1**

1A Floodplain Management

- How to Calculate Structural Flood Damages
- The Multiple Benefits of Floodplain Easements: An Assessment of Demand for Floodplain Easements in the Upper Mississippi River Basin
- Multi-Benefit Floodplain Development in Illinois? A Workshop for the Private Sector

1B Urban Flooding

- An Urban Flooding Case Study: The Village of Bedford Park
- Reducing Urban Flooding in Oak Lawn
- South Shore Community Resilience Plan: A New Model for Shoreline Resiliency

1C Stormwater Management

- Value Engineering and Strategic Timing to Move Forward with a Gully Erosion and Stormwater Project
- The School Springs Mitigation and Restoration
- Replacement of the Nettle Creek Aqueduct

1D Riverine Flooding

- From Modeled to Mapped: How to Delineate a Floodplain
- Fullersburg Dam Removal & Salt Creek Restoration
- Stratton-Bolger Lock & Dam Project: The Engineering & Construction of a Key Water Control Structure for Illinois

12:00 pm Lunch

- TBD

1:30 pm **Concurrent Session 2**

2A Green Infrastructure

- Green Infrastructure Guidelines for Transportation Projects
- Pre-Vegetated Blankets: Providing Erosion Control While Preserving the Integrity, Stability & Beauty of the Native Plant Community
- Alternative Procurement Strategies for Green Infrastructure

2B Stormwater Management

- City of Wood Dale – Ward 2 & 3 Stormwater Improvements
- Kenilworth Green Streets Phase II
- What's in a Distribution? A Comparison of Stormwater Ordinances

2C Climate Change

- South Florida's Response to Predicted Sea Level Rise
- Resources for Equitable Flood Resilience

- ❖ Flood Resilient Infrastructure and Regulatory Requirements in a Changing Climate

2D Flood Insurance/Community Rating System

- ❖ Community Rating System (CRS) Program Credits and Activities
- ❖ RR 2.0 Top Myths & Facts - Helping Floodplain Mangers Better Understand Risk Rating 2.0
- ❖ Update of Silver Jackets Projects

1:45 – 4:45pm **Field Trip - Construction of Addison Creek Reservoir**

3:00 pm Break - Exhibitor Hall

3:20 pm **Concurrent Session 3**

3A Floodplain Management

- ❖ IDNR Office of Water Resources Permit Program for NE Illinois
- ❖ Floodplain Management - The Basics (1 Hour Session)

3B Stormwater Management

- ❖ Impacts of Watershed Specific Release Rates on Disproportionately Impacted Communities in Cook County
- ❖ St. Peters, MO Willott Road
- ❖ The Fresh Coast Protection Partnership- Green Infrastructure Implementation in the Milwaukee Metropolitan Region

3C Modeling/Regulations

- ❖ Value Added 3D Modeling – Eagle Creek Flood Risk Reduction Project
- ❖ IAFSM Recommendations for H&H Modeling
- ❖

3D Legislation

- ❖ IAFSM Legislation Committee Workshop (90-minute Session)

4:50 -6:30 pm Social Hour - Exhibitor Hall

6:30 -7:30 pm Young Professionals After-Hours

Wednesday, March 15, 2023

7:30 am IAFSM Board Meeting
Registration & Continental Breakfast

7:30 – 9:00 am Young Professionals Meet-and-Greet Table (designated table in Exhibit South)

9:00 am **Plenary Session**

- Erica Gies, Author of Water Always Wins: Thriving in an age of drought and deluge.

10:10 am Break

10:30 am **Concurrent Session 4**

4A Wetlands

- ❖ Joint Permitting - What Should be in your USACE Submittal
- ❖ Urban Stream and Wetland Restoration – Lessons from Heritage Park on Buffalo Creek, Buffalo Grove, IL
- ❖ The Wild Mile

4B Urban Flooding

- ❖ Developing an Urban Flood Detection and Warning Network Using Low-Cost, Low-Power Sensors
- ❖ Landslide Mitigation Project
- ❖ 2-Stage Ditch Project in Dyer, IN

4C Stormwater Management/Water Quality

- ❖ Wilmette Stormwater Action Plan - Planning and Implementation of the Largest Capital Project in the Village's History
- ❖ Alternative Approach to Native Maintenance Program Management
- ❖ BMPs to Control Peoria Combined Sewer Overflows (CSOs)

4D Rainfall Technical Analysis

- ❖ What shape is your rain? A case study of precipitation distributions.
- ❖ New At-Streamgage Quantiles and Regression Equations for Estimating Peak-Flow Quantiles in Illinois
- ❖ The Effect of Urbanization on the Stationarity of Peak Flows in Illinois

12:00 pm Lunch

- Awards Luncheon
- Vendor Door Prizes

1:30 pm **Concurrent Session 5**

5A Stormwater Management

- ❖ Volume Control: Alternatives to Infiltration
- ❖ Infrastructure Investments in Lake County Part 1: The Unofficial Guide to Getting Grants
- ❖ Mahoney Creek Watershed Planning and Project Implementation: Batavia, IL

5B Floodplain Management

- ❖ How to Complete a Substantial Damage/Substantial Improvement Evaluations
- ❖ LOMR-F: What is Reasonably Safe from Flooding?
- ❖ LOMR Common Application Issues and Community Sign Off Considerations

5C Stormwater Managment

- ❖ FEQ for the Municipal/Review Engineer (90-Minute Session)

5D Outreach

- ❖ Building Inclusive Partnerships Through Effective Outreach and Engagement
- ❖ Life Lessons from a Major Golf Course Renovation on an Existing Landfill
- ❖

1:45 – 4:45pm **Field Trip - Lake Lorin Shore Stabilization and Habitat Restoration**

3:00 pm Adjourn

Illinois Association for Floodplain and Stormwater Management

Certificate of Training

Gabrielle B. Reed

has satisfactorily completed training during the

2023 IAFSM Annual Conference

Conducted by

The Illinois Association for Floodplain and Stormwater Management

Location: Tinley Park, Illinois
Date: March 14th and 15th, 2023

PDH Credits: 11
CEC Credits: 10

Diane Bouckaert, PE, CFM, CPESC
Chair, Education Outreach Committee