



# 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 400262

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

Name: Macon County Mailing Address 1: 141 S. Main Street, Suite 501  
Mailing Address 2: \_\_\_\_\_ County: Macon  
City: Decatur State: IL Zip: 62523 Telephone: 217-424-1466  
Contact Person: Tracy Sumpter Email Address: tsumpter@maconcounty.illinois.gov  
(Person responsible for Annual Report)

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

Macon County, Illinois

#### THE FOLLOWING ITEMS MUST BE ADDRESSED.

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

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

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

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

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

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

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

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

Tracy Sumpter  
Owner Signature:

Tracy Sumpter

Printed Name:

4/19/23  
Date:

Director of Planning & Zoning

Title:

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

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



## MACON COUNTY PLANNING AND ZONING DEPARTMENT

Macon County Office Building  
141 South Main Street, Suite 501  
Decatur, Illinois 62523

PHONE: (217) 424-1466  
FAX: (217) 424-1459

May 17, 2023

Illinois Environmental Protection Agency  
Water Pollution Control  
Compliance Assurance Section #19  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, IL 62794-9276

To whom it may concern,

Attached is Macon County's 2023 NPDES Storm Water Report. If you have any further questions please contact me at 217-424-1466.

Sincerely,

Tracy Sumpter  
Director of Planning & Zoning Department

# Macon County



## 2023 NPDES Storm Water Report

Prepared by: Tracy Sumpter



Illinois Environmental Protection Agency  
Annual Facility Inspection Report  
NPDES Phase II Permit for Storm Water Discharges  
From  
Municipal Separate Storm Sewer Systems  
Macon County, Illinois  
NPDES Permit Number ILR 400262

**Reporting Period:**

March 2022 – March 2023

**MS4 Operator Information:**

Tracy Sumpter and Amy McKinney  
141 S. Main Street, Suite 501  
Decatur, IL 62523  
(217) 424-1466

**Governmental Entity in which MS4 is located:**

Macon County, Illinois

**Introduction/ Background:**

In 1987 the United States Environmental Protection Agency (USEPA) enacted the Clean Water Act to address storm water runoff in two phases. Phase I of the National Pollution Discharge Elimination System (NPDES) became effective in 1990. Phase I pertained to large and medium MS4's and eleven industrial categories that targeted sites disturbing 5 or more acres of land. Phase II of the NPDES Storm water Program started in March 10, 2003 and targeted construction sites disturbing 1 to 5 acres of land. These two programs are controlled by the Illinois Environmental Protection Agency (IEPA).

Macon County was required to comply with Phase II of the NPDES Storm water Program in April 1, 2009. The Notice of Intent (NOI) is an application document for Macon County that covers the storm water measures that will be performed in the next 5 years. The permit is broken down into 6 minimum control measures which include:

1. Public Education and Outreach on Storm Water Impacts
2. Public Involvement /Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Storm Water Runoff Control



5. Post- Construction Storm Water Management in New Development and Redevelopment

6. Pollution Prevention/ Good Housekeeping for Municipal Operations

Macon County has developed a plan to address these six control measures within the 5 year period.

Macon County is currently working with an MS4 group that consists of City of Decatur, Village of Forsyth, and Village of Mt. Zion. Along with the help of the Macon County Soil and Water Conservation District. By forming this group we can help keep consistency throughout our community in storm water activities.

**ITEM A: Changes to Best Management Practices**

**ITEM B: Status of Compliance with Permit Conditions**

**ITEM C: Results of Information Collected During the Year 5 Reporting Period**

**ITEM D: Activities Planned for the Year 5 Reporting Period**

**1. Public Education and Outreach on Storm Water Impacts (Section A)**

***BMP No. A.1            Distributed Paper Material***

**Brief Description of BMP:** Distribute a flyer or pamphlet on educating residents about storm water issues. Update flyer as necessary to reflect current topics.

**Measureable Goal(s), including frequencies:** Educational flyers will be distributed at County buildings in the Building Inspection Department.

**Reporting:**

The educational storm-water pamphlets are on display at the Macon County Planning and Zoning Department for the public and for contractors.

***BMP No. A.2            Speaking Engagement***

**Brief Description of BMP:** Engage in public speaking events that describe the MS4 efforts to control Storm-water and EPA regulations.

**Measureable Goal(s), including frequencies:** Macon County will speak at one educational workshop or County Board Meeting to inform the public of our efforts to manage storm-water on construction sites.

**Reporting:**

Due to staffing changes within our office, we were unable to complete this goal.

***BMP No. A.4            Community Event***

**Brief Description of BMP:** Hold an event for the community to educate residents about storm water issues.

**Measureable Goal(s), including frequencies:** Educational seminars will be held yearly.

**Reporting:**

We partnered with Champaign County MS4 on November 2, 2022 to hold an in person storm-water workshop. This workshop was published on our MS4 website at [www.maconcleanwater.com](http://www.maconcleanwater.com) for our contractors and staff to attend. Conference Presenters included Patrick McPartland, Kane-Dupage SWCD, CPESC Resource Conservationist; Becky Monreal, Kane-Dupage SWCD Resource Analyst; Todd Bennett, Illinois Environmental Protection Agency Manager Field Operations; and Kate Johnson US Environmental Protection Agency Water Infrastructure Coordinator. The Macon County Soil and Water Conservation District sent out postcards to contractors, engineers, and municipal staff on our mailing list. Approximately 40 people attended this meeting. A copy of the flier is attached. (Appendix A)

Report submitted by Macon County Soil & Water Conservation District containing the education events they attended for 2022-2023.

This report is not available. Please see Appendix A containing a letter of explanation.

***BMP No. A.6                      Other Public Education***

**Brief Description of BMP:** Work with other area communities and Macon County Soil & Water Conservation District (MCSWCD) to keep the MS4 website updated on regulations and community information.

**Measureable Goal(s), including frequencies:** Maintain the current MS4 Community website that is currently in place.

**Reporting:**

The Macon County MS4's has a website for Storm water issues [www.maconcleanwater.com](http://www.maconcleanwater.com). The website is housed within the Macon County Soil and Water Conservation District and has been in place since July 2012. We feel the website has been a good tool for our contractors and landowners to get the information about erosion and storm water regulations.

The number of hits on the website is not available at this time. Please see Appendix A containing a letter of explanation.

**Evaluation: Public Education and Outreach on Storm Water Impacts (Section A)**

I feel this year we had good attendance for our events. Participation seems to be better with in person events as opposed to webinars.

**2. Public Participation/ Involvement (Section B)**

***BMP No. B.3                      Stakeholder Meeting***

**Brief Description of BMP:** Macon County will meet with area communities to discuss storm water permit compliance issues. The information generated from these meeting will be used by Macon County to develop and/or enhance future storm water regulations and policies.

**Measureable Goal(s), including frequencies:** Attend local NPDES Coordination Meetings (with City of Decatur, Village of Mt. Zion, Village of Forsyth, and MCSWCD). Maintain and examine meeting records to help guide future policy changes.

**Reporting:**

Macon County normally attends local MS4 meeting's every 2 months. At this time, we discuss different situations that arise in our communities. We also plan upcoming trainings for the next year. The following are dates of the meetings that were held:

May 18, 2022  
July 20, 2022  
September 21, 2022  
November 16, 2022  
January 18, 2023  
March 15, 2023

***BMP No. B.4                      Public Hearing***

**Brief Description of BMP:** Macon County will review the Storm-water Ordinance every year for any changes that need to be made and present them at the proper committees and the Macon County Board for approval.

**Measureable Goal(s), including frequencies:** Macon County will continue to review and revise any changes that need to be made to the local Storm-water Ordinance.

**Reporting:**

We did not update our Storm-water ordinance this year.

***BMP No. B.6                      Program Involvement***

**Brief Description of BMP:** Macon County will meet with area communities to discuss storm-water permit compliance issues. The information generated from these meetings will be used by Macon County to develop or enhance future storm-water regulations and policies.

**Measureable Goal(s), including frequencies:** Attend local NPDES Coordination Meetings (with City of Decatur, Village of Mt. Zion, Village of Forsyth, and MCSWCD). Maintain and examine meeting records to help guide future policy changes.



**Reporting:**

Macon County attends local MS4 meeting's every 2 months. At this time, we discuss different situations that arise in our communities. We also plan upcoming trainings for the next year.

**Recycling Program**

Macon County also has a recycling program through the Macon County Environmental Management Department. This department holds the following events:

- Paint recycling events
- Electronic collection
- Municipal drop off sights throughout the county

The paint and electronic recycling events were held on every Tuesday, Thursday, and every other Saturday from April 2022 thru September 2022

Last year Macon County collected 103,792 pounds of electronics from January 1, 2022 through December 31, 2022. There is also a report attached to Appendix B showing how many tons of recycled items were collected in each township.

Last year Macon County collected 3,685 gallon of latex paint and 605 gallons of oil based paint.

There was also a Christmas Light collection of 1,460 pounds.

**Evaluation: Public Participation/ Involvement (Section B)**

We will continue to hold more education events this year along with getting information to the public. We are getting the information out to the public for our recycling program and the website.

**3. Illicit Discharge Detection and Elimination (Section C)*****BMP No. C.1          Sewer Map Preparation***

**Brief Description of BMP:** Macon County storm sewer outfalls have already been mapped. The County will update the maps as necessary to reflect new development within the County's urbanized areas.

**Measureable Goal(s), including frequencies:** Retain storm sewer system maps showing the location of all outfalls and waters of the United States which receive discharge from these outfalls.

**Reporting:**

Updates to maps are made as needed and was added to the County website [www.maconcounty.illinois.gov](http://www.maconcounty.illinois.gov).

***BMP No. C.6                      Program Evaluation and Assessment***

**Brief Description of BMP:** Language is included in Macon County's Rules and Regulations that prohibits non-storm-water discharges to the storm sewer system. The County will develop a screening, inspection and follow-up program to identify non-storm-water discharges and illicit discharges.

**Measureable Goal(s), including frequencies:** Select 10%-15% of mapped outfalls for dry weather screening, based on potential for illicit discharges. Select outfalls will be inspected during dry weather up to 3 times per year. Maintain inspection reports and investigate/ eliminate encountered discharges.

***BMP No. C.7                      Visual Dry Weather Screening***

**Brief Description of BMP:** Language is included in Macon County's Storm-water Management Ordinance that prohibits non-storm-water discharges to the storm sewer system. The County will develop a screening, inspection and follow-up program to identify non-storm-water discharges and illicit discharges.

**Measureable Goal(s), including frequencies:** Select 10-15% of mapped outfalls for dry weather screening, based on potential for illicit discharges. Selected outfalls will be inspected during dry weather up to 3 times per year. Maintain inspection reports and investigate/ eliminate encountered discharges.

**Reporting:**

Inspections are performed and documented as performed.

The Macon County MS4's created a website for Storm water issues [www.maconcleanwater.com](http://www.maconcleanwater.com). On this site, there are contact names and numbers of people to report illicit discharge in the jurisdictions. We feel this has been a good tool for our contractors and landowners because when the construction season begins, we continue to see an increase in usage of the website.

**Evaluation: Program Evaluation and Assessment (Section C)**

We train county personnel on the techniques and merits of illicit discharge detention and elimination. We have worked with the Highway Department in the past on training sessions with their employees for inspections throughout the County. This year we were not able to do it because of staff changes in the office.

**4. Construction Site Storm Water Runoff Control (Section D)**

***BMP No. D.1                      Regulatory Control Program***

**Brief Description of BMP:** Macon County does all of their own reviews of the erosion control plans and SWPPP's within incorporated urbanized areas. Macon County will provide technical review or erosion control plans (and associated SWPPP) and provide comments to developer.

**Measureable Goal(s), including frequencies:** Macon County ensures site plans receive a review of the erosion control plan and SWPPP. Site plans that lack proper erosion control measures will be returned to the developer for revision and resubmittal.

***BMP No. D.2                      Erosion and Sediment Control BMP's***

**Brief Description of BMP:** Macon County does all of their own reviews of the erosion control plans and SWPPP's within incorporated urbanized areas. Macon County will provide technical review of erosion control plans (and associated SWPPP) and provide comments to developer.

**Measureable Goal(s), including frequencies:** Macon County ensures site plans receive a review of the erosion control plan and SWPPP. Site plans that lack proper erosion control measures will be returned to the developer for revision and resubmittal.

**Reporting:**

Attached is a table of the land disturbance permits/ inspections that were done for Macon County last year. (Appendix C)

***BMP No. D.4                      Site Plan Review Procedures***

**Brief Description of BMP:** Macon County does all of their own reviews of the erosion control plans and SWPPP's within incorporated urbanized areas. Macon County will provide technical review of erosion control plans (and associated SWPPP) and provide comments to developer.

**Measureable Goal(s), including frequencies:** Macon County ensures site plans receive a review of the erosion control plan and SWPPP. Site plans that lack proper erosion control measures will be returned to the developer for revision and resubmittal.

**Reporting:**

When Macon County Planning and Zoning Department issues a new residential/ commercial building permit, a land disturbance permit and a Storm-Water Pollution Prevention Plan (SWPPP) is required. With a site plan review, we can help educate the homeowner or builder on erosion and sediment control methods.

***BMP No. D.5                      Public Information Handling Procedures***

**Brief Description of BMP:** A phone number is available for the public to call with any concerns or complaints relating to construction site erosion and sediment control. The County will track complaints received and do inspection on the sites.

**Measureable Goal(s), including frequencies:** Implement complaint procedure for active construction sites.



**Reporting:**

Our phone numbers are posted on our building permit placards that are placed on construction sites. They are also posted on the Macon Clean Water website and the storm-water pamphlets that are available in our office.

***BMP No. D.6                      Site Inspection/ Enforcement Procedures***

**Brief Description of BMP:** Inspection of construction sites for compliance with erosion control measures is currently performed by Macon County staff. Current procedures will be evaluated to determine if construction sites are being properly inspected and adequate enforcement is occurring.

**Measureable Goal(s), including frequencies:** Each construction site (those sites regulated by ILR10) will receive an initial inspection for compliance with the approved erosion control plan and SWPPP. Follow-up inspections will occur if adequate measures are not being taken and/or complaints are received.

**Reporting:**

Attached is a spreadsheet of the complaints taken for last year. (Appendix D)

**Evaluation: 4. Construction Site Storm Water Runoff Control (Section D)**

To evaluate the effectiveness of our Construction Site Controls, the following will be documented:

- Which BMP's are regularly installed correctly and incorrectly? This can guide future trainings. Inlet controls, stabilized construction entrances, and utilizing silt fence about its capabilities is still an issue on many of our sites.
- Evaluate numbers of follow up site inspections.

**5. Post- Construction Storm Water Management in New Development and Redevelopment (Section E)*****BMP No. E.2                      Regulatory Control Program***

**Brief Description of BMP:** The County's Rules and Regulations include guidelines that reference the Illinois Urban Manual. These guidelines will be used to give engineers and contractors the appropriate design tools to develop a design that meets basic storm-water quality requirements.

**Measureable Goal(s), including frequencies:** Enforce the technical guidance materials pertaining to the design, installation, and maintenance of structural and non-structural water quality BMP's, as outlined in the Illinois Urban Manual.

***BMP No. E.4                      Pre-Construction Review of BMP Designs***

**Brief Description of BMP:** The County's Rules and Regulations currently address NPDES Phase II storm-water quality and quantity goals. The County will review plan submittals for developments outside incorporated areas within Macon County.

**Measureable Goal(s), including frequencies:** Perform site plan reviews for developments in urbanized unincorporated areas in Macon County. Site plan reviews will focus on storm-water controls meant to address post-construction storm-water BMP's. The County will notify the developer of design deficiencies.

***BMP No. E.5                      Site Inspections During Construction***

**Brief Description of BMP:** Macon County will develop a construction site inspection program for Storm-water BMP's to be evaluated and enhanced as necessary to ensure that responsible parties are implementing BMP's installed on construction sites.

**Measureable Goal(s), including frequencies:** Establish a local policy on the proper inspections on construction sites.

Attached is a spreadsheet of land disturbance inspections. (Appendix C)

***BMP No. E.6                      Post-Construction Inspections***

**Brief Description of BMP:** The County's long-term inspection and maintenance program for storm-water BMP's will be evaluated and enhanced as necessary to ensure that responsible parties for maintenance of BMP's are performing the necessary tasks to keep the BMP's in working order.

**Measureable Goal(s), including frequencies:** Establish a local policy on the proper inspection and maintenance of long-term storm-water BMP's, such as detention ponds, swales, and other infrastructure to ensure they function adequately to control storm-water quality.

Attached is a spreadsheet of land disturbance inspections. (Appendix C)

**Evaluation: Post- Construction Storm Water Management in New Development and Redevelopment (Section E)**

To evaluate the effectiveness of our Post Construction controls, the following will be documented:

- Speak on review process, evaluate if/ when there were any site revisions to enhance water quality.
- Discuss what is working for inspections and what the compliance rate is.

**6. Pollution Prevention/ Good Housekeeping (Section F)**

***BMP No. F.1                      Employee Training Program***



**Brief Description of BMP:** Macon County will incorporate employee training on pollution prevention and good housekeeping techniques into its periodic safety meetings. Issues covered at the meeting will include fleet and building maintenance and storm-water system maintenance.

**Measureable Goal(s), including frequencies:** Provide one (1) training session annually to appropriate maintenance, operations, and engineering staff on storm-water pollution prevention and good housekeeping practices. The training will be held in conjunction with one of the County's bi-weekly safety meetings.

**Reporting:**

No training was conducted this year for the Macon County Highway Employees.

***BMP No. F.3                      Municipal Operations Storm Water Control***

**Brief Description of BMP:** The County currently washes their vehicles in closed facilities that drain to sanitary sewers. The County will continue its policy of prohibiting the washing to County vehicles in outdoor areas (areas which drain to the storm sewer system).

**Measureable Goal(s), including frequencies:** Continue enforcing policy that requires County vehicles be washed in a closed facility that drains to a sanitary sewer.

***BMP No. F.6                      Other Municipal Operations Controls***

**Brief Description of BMP:** Macon County currently uses road salt application devices, which regulate the quantity of salt, used to de-ice roads. The County also stores its roadway de-icing salt in an enclosed facility which reduces salt loss from storm-water runoff.

**Measureable Goal(s), including frequencies:** Macon County will continue its use of road salt application devices and a salt dome to decrease the amount of salt pollution in storm-water runoff.

**Reporting:**

Under the permit requirements, it states de-icing material must be stored in a permanent storage structure. Macon County has our salt storage in a permanent building located at the Macon County Highway Department.

Another permit requirement is that fertilizers, pesticides, herbicides, and other chemicals need to be stored and the facility inspected regularly. The Macon County Safety Committee tours this facility about two to three times a year. Therefore, if there were any issues it would be inspected and addressed at that time.

**Evaluation: Pollution Prevention/ Good Housekeeping (Section 5)**

To evaluate the effectiveness of our Good Housekeeping controls, the following will be documented:



Employee training: We plan to leave room at every MS4 Work Group Meeting for sharing of new educational resources, information. An effort will be made to share educational items across municipalities.

**ITEM F: CONSTRUCTION PROJECTS PAID FOR BY MACON COUNTY**  
**(That would have required an NPDES Construction Permit)**  
**MARCH 2021- MARCH 2022**

The following projects in Macon County disturbed one acre or more between March 2021 and March 2022:

- School Road Bridge Replacement
- CH 38 Washington Street Bridge Replacement
- CH 61 Storm Sewer (S. of Grove)

**Part V. Monitoring**

To fulfill the monitoring requirements, Macon County will do visual observations below the dam of Lake Decatur and at other outfalls such as Stevens Creek. Macon County can do visual observations because the permit states that if the MS4 permittees serving a population of less than 25,000 may conduct observations of the storm water discharge documenting color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, or other obvious indicators of storm water pollution.

The visual observations will be done twice a year at both locations. Outfall Monitoring sheets are attached in Appendix E.

# Appendix A

Macon County

2023 NPDES

Storm Water Report



**Macon County Soil & Water Conservation District**  
**3342 N President Howard Brown Blvd.**  
**Decatur, IL 62521-6207**  
**217-877-5670 Ext 3**

May 22, 2023

To whom it may concern,

Macon County Soil and Water has been in contact with Amy Mckinney with Macon County Environmental Management several times over the last month to give the event numbers for the annual MS4 report. Macon County Soil and Water has taken care of the education events for MS4 over the last several years and completed those events for 2022 as well. However, the district has suffered staffing issues over the last 4 months and can not produce the exact numbers for these events. The board of directors has searched the files and computers of the employees that kept these records, and they cannot be found unfortunately. We know the events were completed just are lacking the impact numbers. The district is planning to meet with the MS4 group to make a plan so that we don't have this in the future. Thank you for your understanding and the board hopes to avoid this issue in the future.

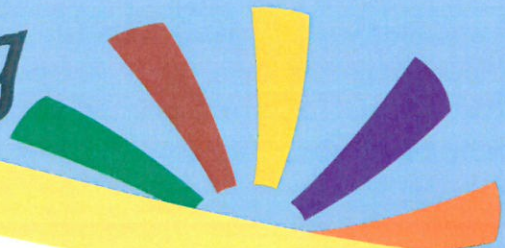
*Chase Brown*

Chase Brown  
Chairman of the Board  
Macon County Soil and Water



# Festival of Spring

AFTERNOON 12pm – 4pm



## TICKETS TO TREASURES FOR KIDS

*Nature Center East Entry*

Kids ages 12 and under - get a ticket and have it marked at events marked by the star. ★

Children will be awarded prizes when they turn in their tickets.

## NATIVE GARDEN TOURS

*Nature Center East Entry*

Native plants are very important to wildlife. Learn about native plants which would be great for your garden.

## NEW ECOCENTER

*East Wing of Nature Center*

Visit the new exhibits to learn about conservation and how you can help.

## EXHIBITS AND ART

*Nature Center*

North Wing Exhibit Hall - Marvelous Milky Way

North Hall—K Unruh Artwork

South Hall—Jane P. Koenig Nature Photography

## PAINT NATURE WITH NATURE

*Pond Pavilion* For all ages. Use nature's palette: flowers, leaves, stems, and even charcoal to paint a nature scene. Provided by Decatur Audubon

## PLANT A SEED, WATCH IT GROW

*Information Shelter Area*

Master Gardeners will help children plant their own seeds to take home and grow.

## CANOE RODEO

*Cattail Ponds - East of Picnic Area*

Learn the basics of canoeing. Register and pay fee at Cattail Ponds. Recommended for adults and children ages 5 and up. All children must be accompanied by an adult. **FEE: \$3 per person**

## RESTORATION STATION

*Picnic Area*

Come check out the equipment used by the Macon County Conservation District's Natural Resources Department. Learn how to make an impact by joining the Conservation District's volunteer restoration team.

## OPEN HOUSE AT HOMESTEAD PRAIRIE FARM

*At Homestead Prairie Farm*

Tour the homestead and learn how people lived and survived in earlier days.

## HEIRLOOM GARDEN TOURS

*At Homestead Prairie Farm*

Tour the heirloom vegetable and herb gardens at Homestead Prairie Farm. You'll have an opportunity to meet and ask questions of expert Master Gardeners from the University of Illinois.

## MERCY GARDENS

*Information Shelter Area*

Mercy Gardens will have garden plants for sale.

## SCAVENGER HUNT

*Nature Center West Lawn*

Solve the riddles on the Discovery Trail.

## SPECIAL EXHIBITS AND BOOTHS

*Information Shelter/Picnic Area*

- Decatur Audubon & Plants for Birds
- Macon County Conservation District Summer Camp Information
- Glacier's Edge Master Naturalist
- Macon County Soil and Water Conservation District & MS4 Storm Water Safety
- Community Environmental Council
- Friends of Lincoln Trail Homestead State Park
- Bright Start
- Children's Museum of Illinois
- Decatur Garden Club
- Boy Scouts of America
- Girl Scouts of the USA

## CHILDREN'S ACTIVITY PACKETS

Browse information about local organizations that work to benefit habitat, water, and wildlife. Each organization will have take-home activity packets for children. Available first-come, first-served.

*Co-sponsored by Decatur Audubon and  
Macon County Conservation District*



## Bioswales

Bioswales are storm water runoff conveyance systems that provide an alternative to storm sewers. They can absorb low flows or carry runoff from heavy rains to storm sewer inlets or directly to surface waters. Bioswales improve water quality by infiltrating the first flush of storm water runoff and filtering the large storm flows they convey. The majority of annual precipitation comes from frequent, small rain events. Much of the value of bioswales comes from infiltrating and filtering nearly all of this water.



**Who should I contact if I want to know more about these practices?**

City of Decatur  
217-424-2724

Macon County  
217-425-6583

Village of Forsyth  
217-433-9597

Village of Mt. Zion  
217-864-4811

## Green Infrastructure



*Prepared by: Macon County  
Municipal Separate Storm  
Sewer System (MS4)  
Communities*



## What is Green Infrastructure?

Green Infrastructure is a network for solving urban and climatic challenges by building with nature. The main components are stormwater management, climate adaptation, less stress heat, better air quality, and clean water and healthy soils. It also serves to provide an ecological framework for social, economical, and environmental health of the surroundings.

### Rain Gardens

Rain Gardens are landscaped areas built in a depression that are designed to capture and filter stormwater runoff from a roof or other impervious surface. The plants and soil of the rain garden provide an easy, natural way of reducing the amount of stormwater runoff from individual residential properties.

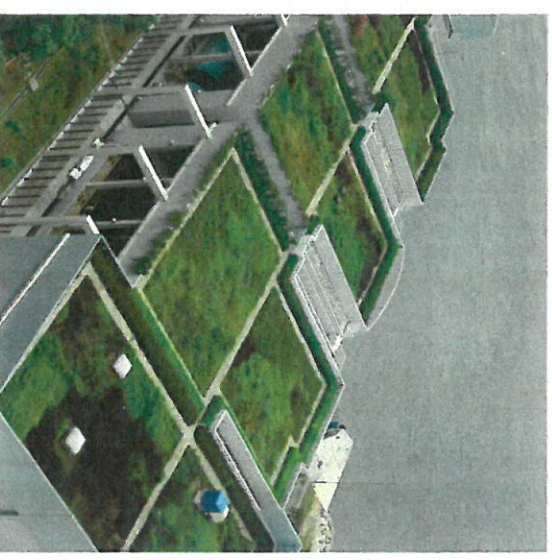
### Pervious Pavement

Pervious pavement may include paving blocks, grid pavers, or pervious concrete installed according to manufacturer's specifications. Pervious pavement can be used for driveways and patios with a stone reservoir underneath. The reservoir temporarily stores surface runoff before infiltrating it into the soil below the stone reservoir. Runoff is infiltrated directly into the soil and improves water quality.



### Green Roofs

A green roof is a roof that is partially or completely covered with vegetation and waterproofing membrane. A green roof's purpose is to absorb rainwater, provide insulation, create habitat for wildlife, and help lower urban air temperatures.





*Why do we care about erosion from construction sites?*

Sediment is the number one pollutant that flows from construction sites. It degrades water quality and can harm our water supply.

Macon County, the City of Decatur, the Village of Forsyth, and the Village of Mt. Zion are working together to do their part in protecting and improving water quality.

This brochure is designed to be a quick reference to some commonly used Best Management Practices to prevent erosion.

Failure to install BMP's could bring about costly fines, stop work orders, and expensive clean ups.



**Who Should I Contact?**



City of Decatur  
217-424-2724



Macon County  
217-425-6583



Village of Forsyth  
217-433-9597



Village of Mt. Zion  
217-864-4811

**For Inspections:**

In Macon County: 217-425-6583  
Decatur, Forsyth, & Mt. Zion:  
Macon County Soil and Water  
Conservation District  
217-877-5670 Ext 3

**EROSION &  
SEDIMENT CONTROL  
TIPS FOR  
INDIVIDUAL LOT  
CONSTRUCTION**

[www.maconcleanwater.com](http://www.maconcleanwater.com)



A collaborative effort of the  
Macon County MS4 Communities



## *Best Management Practices for Individual Lot Construction*

Correctly installed and maintained BMP's can help ensure that sediment generated from construction activity remains on-site. The following BMP's are commonly used for individual lot construction:

### Construction Entrance

- Use to prevent tracking soil onto road
- Use 2"-3" stone, 6" deep
- Install during clearing phase and maintain throughout construction
- Install geotextile fabric under entrance



### Rock Outlet Protection

- Use to dissipate energy from concentrated flows
- Helps prevent eroded channels downstream
- Use oversized stone appropriate for design velocities
- Install geotextile fabric under riprap



### Sediment Barriers

- Use to trap sediment and intercept runoff
- Install prior to clearing phase
- Ensure silt fence is installed correctly by trenching a portion of it in the ground and place stakes on the downhill side
- Maintain until vegetation is established; keep it upright and remove collected sediment
- Do not use on steep slopes or concentrated flow areas



### Sediment Cleanup

- At the end of each work day sweep or scrape soil tracked onto roads
- After storm events inspect for off-site sediment movement and repair damage to barriers
- Remove sediment that penetrated barriers and remove build-up

### Inlet Protection

- Protect all stormwater inlets – they are a direct conveyance to streams and rivers
- Install prior to clearing phase
- Filter fabric and temporary seeding are standard for inlet protection



### Stockpile Placement and Protection

- Build stockpiles away from critical areas such as streams, drainage ways, and stormwater inlets
- Use temporary seed, such as rye or winter wheat, to stabilize pile until removed or re-graded



### Re-vegetation/ Surface Protection

- Try to preserve existing trees, shrubs, and other vegetation when possible
- Use to stabilize exposed surfaces from erosion
- Use seed or sod to cover exposed soils after final grade is completed
- Seed critical areas such as drainage swales, right-of-way areas, areas near curb inlets, buffer areas along streams and wetlands
- Mulching can be used when temporary seeding is not practical and can be done in any weather situation



*"All the water that will ever be is right now"*



# Mission Statement for Municipal Separate Storm Sewer System

## Our Municipal Separate Storm

Sewer System (MS4) purpose is to protect, maintain, and enhance the environment of the jurisdictions and the public health, safety, and welfare of the citizens by controlling discharges of pollutants to the storm water system, by maintaining and improving the quality of the receiving waters into which the storm water outfalls flow, including without limitation lakes, rivers, streams, ponds, wetlands, and groundwater, and to enable compliance with the National Pollution Discharge Elimination System permit (NPDES) and applicable regulations for storm water discharges.



## Web Sites for More Information:

[www.maconcleanwater.com](http://www.maconcleanwater.com)

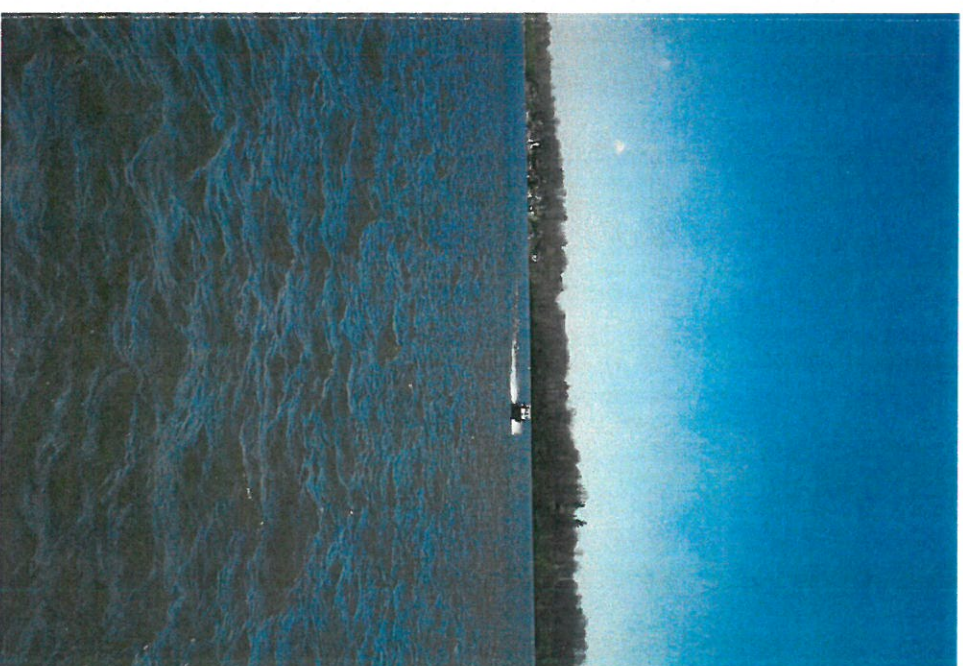
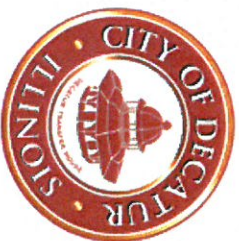
Contact:

**City of Decatur 424-2747**

**Macon County 424-1466**

**Village of Forsyth 877-9445**

**Village of Mt. Zion 864-4811**



**WHEN IT  
RAINS.....  
IT DRAINS  
BE THE SOLUTION TO  
STORMWATER POLLUTION**



## Basics of Water Pollution

### Point Source Water Pollution

This is pollution that flows from pipes or comes from specific points such as an industrial site. This type of pollution is regulated by State laws.

### Non-Point Source Water Pollution

This type of pollution results from land runoff, precipitation, atmospheric deposition, drainage and seepage. This pollutant is caused by rainfall and snowmelt moving over the ground. This activity collects pollutants and chemicals which are deposited into various creeks, lakes and water sources. This type of pollutant is not closely regulated but can be prevented by education.

## Be The Solution to Storm Water Pollution

## How Can You Make A Difference?

### Household Chemicals

**Problem:** Many people do not know where to dispose of chemicals from the home.

**Solution:** Take all household chemicals to collection sites on specified days. Please see Macon County Environmental Agency website for additional information and the specific collection dates. [www.macongreen.com](http://www.macongreen.com)

### Yard and Garden

**Problem:** Many homeowners over fertilize their yard because they enjoy the look of a green yard.

**Solution:** Do not over fertilize your yard. Always follow the manufacturer's recommendations.

Do not apply when rain is in the forecast. Not only is it a waste of time and money, but the chemicals easily wash away in the runoff after a storm.

Do choose natural fertilizers such as compost or grass clippings.

### Pet Waste

**Problem:** Many people allow their pet's waste to wash down the storm drain.

**Solution:** Pick up pet's waste when going for walks.

### Auto Maintenance

**Problem:** Many people are not careful when performing routine maintenance on their vehicles.

**Solution:** Do not dump motor oil or fluids down a storm drain.

Do not clean up fluid spills with water. Other alternatives for clean up is kitty litter, sawdust, or wood chips to soak up the spill.

Do take your vehicle to the car wash so the soap and dirt is properly disposed of.

Do properly dispose of all motor oil and fluids properly. Many oil change shops will take used oil at no charge.



# Appendix B

Macon County

2023 NPDES

Storm Water Report

## Macon County IL

2022 Recycled Weight

Commodity	Sum of Net Weight
IL - MISC - CED - EOL	18241
IL - TV - CRT - EOL	51413
IL - TV - LCD - EOL	14519
IL - TV - Projection - EOL	11638
IL - TV - Wood Console - EOL	6650
MISC - Electronic - TBS - EOL	1331
<b>Grand Total</b>	<b>103792</b>





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## Order: 2539502

Order Number	Who Ordered	Customer	Phone	Stops
2539502	SUMPTER, TRACY	10965 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY	(217)425-4505	1

## Order Details for Stop 1 of 1.

Stop	3626799
Status	Serviced
Generator	131170 IEPA - MACON COUNTY. Address: 1750 N 21ST ST, DECATUR, IL
Transporter	8125 HERITAGE TRANSPORT LLC - TS WOODRIVER
Pick up requested date	07-Feb-2022
Pick up scheduled date	07-Feb-2022
Actual pick up date	07-Feb-2022
Prefer to prepare your own manifest	No
Stop Instructions	
Instructions For Driver	
Documents	<a href="#">HazManf</a> <a href="#">All Backup Documents</a>

## Order Wastestreams Details for Stop 1 of 1.

Manifest	Line	Cont Qty	Cont Type	WS Code	WS Name	Quote	Purchase Order Number	Product Code	Product Name	Product Detail	Ship To	Price Units
000997037WAS	1	7	DM	131170-2	LATEX PAINT	1028617-3328003	MACON COUNTY 2.7.22	147-2317-10	NONHAZ INC CONS PACK	MASS BURN CONT. MATL	15420 BENTON. RINECO	55 GAL DRM

## Order Accessories Details for Stop 1 of 1.

Item Code	Name	Quantity
I-48-1122	MOBILIZATION/DEMOB FEE	1



HERITAGE®

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## Order: 2631772

Order Number	Who Ordered	Customer	Phone	Stops
2631772	SUMPTER, TRACY	10965 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY	(217)425-4505	1

## Order Details for Stop 1 of 1.

Stop	3737856
Status	Serviced
Generator	131170 IEPA - MACON COUNTY. Address: 1750 N 21ST ST, DECATUR, IL
Transporter	8125 HERITAGE TRANSPORT LLC - TS WOODRIVER
Pick up requested date	17-Jun-2022
Pick up scheduled date	17-Jun-2022
Actual pick up date	17-Jun-2022
Prefer to prepare your own manifest	No
Stop Instructions	
Instructions For Driver	
Documents	HazManf  All Backup Documents

## Order Wastestreams Details for Stop 1 of 1.

Manifest	Line	Cont Qty	Cont Type	WS Code	WS Name	Quote	Purchase Order Number	Product Code	Product Name	Product Detail	Ship To	Price Units
001177791WAS	1	3	DM	131170-1	OIL-BASED PAINT	686113-2183663	MACON COUNTY 6.17.22	68-2317-1	SUPP FUEL DRUMS	L1	15420 BENTON. RINECO	55 GAL DRM
001177791WAS	2	18	DM	131170-2	LATEX PAINT	1028617-3328003	MACON COUNTY 6.17.22	147-2317-10	NONHAZ INC CONS PACK	MASS BURN CONT. MATL	15420 BENTON. RINECO	55 GAL DRM

## Order Accessories Details for Stop 1 of 1.

Item Code	Name	Quantity
I-48-1122	MOBILIZATION/DEMOB FEE	1







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**Order: 2692963**

Order Number	Who Ordered	Customer	Phone	Stops
2692963	SUMPTER, TRACY	10965 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY	(217)425-4505	1

**Order Details for Stop 1 of 1.**

Stop	3813590
Status	Serviced
Generator	131170 IEPA - MACON COUNTY. Address: 1750 N 21ST ST, DECATUR, IL
Transporter	8125 HERITAGE TRANSPORT LLC - TS WOODRIVER
Pick up requested date	22-Sep-2022
Pick up scheduled date	22-Sep-2022
Actual pick up date	22-Sep-2022
Prefer to prepare your own manifest	No
Stop Instructions	
Instructions For Driver	

**Documents**

HazManf



All Backup Documents

**Order Wastestreams Details for Stop 1 of 1.**

Manifest	Line	Cont Qty	Cont Type	WS Code	WS Name	Quote	Purchase Order Number	Product Code	Product Name	Product Detail	Ship To	Price Units
001282114WAS	1	5	DM	131170-1	OIL-BASED PAINT	686113-2183663	MACON COUNTY 9.22.2022	68-2317-1	SUPP FUEL DRUMS	L1	15420 BENTON. RINECO	55 GAL DRM
001282114WAS	2	22	DM	131170-2	LATEX PAINT	1028617-3328003	MACON COUNTY 9.22.2022	147-2317-10	NONHAZ INC CONS PACK	MASS BURN CONT. MATL	15420 BENTON. RINECO	55 GAL DRM

**Order Accessories Details for Stop 1 of 1.**

Item Code	Name	Quantity
I-48-1122	MOBILIZATION/DEMOB FEE	1



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**Order: 2723002**

Order Number	Who Ordered	Customer	Phone	Stops
2723002	SUMPTER, TRACY	10965 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY	(217)425-4505	1

**Order Details for Stop 1 of 1.**

Stop	3850859
Status	Serviced
Generator	131170 IEPA - MACON COUNTY. Address: 1750 N 21ST ST, DECATUR, IL
Transporter	8125 HERITAGE TRANSPORT LLC - TS WOODRIVER
Pick up requested date	07-Nov-2022
Pick up scheduled date	07-Nov-2022
Actual pick up date	07-Nov-2022
Prefer to prepare your own manifest	No
Stop Instructions	
Instructions For Driver	
Documents	HazManf            All Backup Documents

**Order Wastestreams Details for Stop 1 of 1.**

Manifest	Line	Cont Qty	Cont Type	WS Code	WS Name	Quote	Purchase Order Number	Product Code	Product Name	Product Detail	Ship To	Price Units
001177302WAS	1	3	DM	131170-1	OIL-BASED PAINT	686113-2183663	MACON COUNTY PAINT 11.7.2022	68-2317-1	SUPP FUEL DRUMS	L1	15420 BENTON. RINECO	55 GAL DRM
001177302WAS	2	20	DM	131170-2	LATEX PAINT	1028617-3328003	MACON COUNTY PAINT 11.7.2022	147-2317-10	NONHAZ INC CONS PACK	MASS BURN CONT. MATL	15420 BENTON. RINECO	55 GAL DRM

**Order Accessories Details for Stop 1 of 1.**

Item Code	Name	Quantity
I-48-1122	MOBILIZATION/DEMOB FEE	1



# **Fiscal year 2022 Midwest Fiber Shipping Statements** Pounds

	<u>Austin</u>	<u>Blue Mound (Boody)</u>	<u>Harristown</u>	<u>Long Creek</u>	<u>Maroa</u>	<u>Niantic</u>	<u>Oakley</u>	<u>Pleasant View</u>	<u>Whitmore</u>	<u>Recycling Center</u>	<u>Monthly Total</u>
December-21	740	3020	3280	11580	4880	2640	3540	4460	3180	0	37320
January-22	1020	2140	2960	10260	4520	2180	2740	3740	2100	600	32260
February-22	880	2160	2440	9770	3900	2100	4700	2870	1360	0	30180
March-22	2340	2640	3380	13600	5660	2540	3220	4900	2220	820	41320
April-22	880	2540	2720	11080	4780	2120	2960	4100	2100	0	33280
May-22	1040	2420	3380	13020	6200	2460	3480	5340	2150	0	39490
June-22	1060	3670	3900	13300	4380	1900	3300	3440	1960	4180	41090
July-22	900	2120	2880	10020	5100	2800	3280	4140	2080	0	33320
August-22	860	3200	3600	11720	5780	1940	2720	17520	2440	600	50380
September-22	1020	2185	4400	9940	6160	1960	3500	3240	1730	0	34135
October-22	880	2185	2820	12040	6340	3040	2180	3820	1680	0	34985
November-22	1040	2320	3340	12200	5580	2760	6080	3540	1640	640	39140
Yearly Total per Township	12660	30600	39100	138530	63280	28440	41700	61110	24640	6840	

Yearly Total  
lbs. 446900

# Appendix C

Macon County

2023 NPDES

Storm Water Report





## Macon County Land Disturbance Permit Inspection Record

Address: 4356 E Washington St Rd, Macon

Contact Person: Kevin Atkins Phone #: 314-554-3653

MS4:		Type:	
<input type="checkbox"/> Decatur	<input checked="" type="checkbox"/> Macon County	<input type="checkbox"/> Home Site	<input checked="" type="checkbox"/> Commercial
<input type="checkbox"/> Forsyth	<input type="checkbox"/> Mt. Zion	<input type="checkbox"/> Subdivision	<input type="checkbox"/> Municipal

### First Inspection

Date: 10/21/23 Time: \_\_\_\_\_

☒ In Compliance ☐ Out of Compliance

Reasons for out of Compliance:

BMP's in place

### Second Inspection

Date: 3/16/23 Time: \_\_\_\_\_

☐ In Compliance ☒ Out of Compliance

Reasons for out of Compliance:

Silt fence down, no hardened entrance,  
mud on roadway

Spoke w/ Kevin Atkins + he will make sure  
corrections are made. At that time we will  
do a follow up inspection.

### Third Inspection

Date: \_\_\_\_\_ Time: \_\_\_\_\_

☐ In Compliance ☐ Out of Compliance

Reasons for out of Compliance:

File Closed: \_\_\_\_\_

Initials: \_\_\_\_\_



## Macon County Land Disturbance Permit Inspection Record

Address: 7754 W Hilvety Rd, Blue mound

Contact Person: Keeley Const.

Phone #: 618.802.6344

MS4:

☐ Decatur  
☐ Forsyth

☒ Macon County  
☐ Mt. Zion

Type:

☐ Home Site  
☐ Subdivision

☐ Commercial  
☐ Municipal

### First Inspection

Date: 9/29/23 Time: \_\_\_\_\_

☒ In Compliance ☐ Out of Compliance

Reasons for out of Compliance:

BMPs in place

### Second Inspection

Date: 1/3/23 Time: \_\_\_\_\_

☒ In Compliance ☐ Out of Compliance

Reasons for out of Compliance:

### Third Inspection

Date: 3/16/23 Time: \_\_\_\_\_

☒ In Compliance ☐ Out of Compliance

Reasons for out of Compliance:

File Closed: \_\_\_\_\_

Initials: \_\_\_\_\_

## Macon County Land Disturbance Permit Inspection Record

Address: 3080 S. Business Rt 51, Decatur

Contact Person: Howard Bussett

Phone #: 217-424-2424

MS4:

☐ Decatur

☐ Forsyth

☒ Macon County  
☐ Mt. Zion

Type:

☐ Home Site

☐ Subdivision

☐ Commercial

☐ Municipal

### First Inspection

Date: 6/9/22 Time: \_\_\_\_\_

☒ In Compliance ☐ Out of Compliance

Reasons for out of Compliance:

BMP's in place

### Second Inspection

Date: 12/2/22 Time: \_\_\_\_\_

☒ In Compliance ☐ Out of Compliance

Reasons for out of Compliance:

### Third Inspection

Date: \_\_\_\_\_ Time: \_\_\_\_\_

☐ In Compliance ☐ Out of Compliance

Reasons for out of Compliance:

File Closed: \_\_\_\_\_

Initials: \_\_\_\_\_

## Macon County Land Disturbance Permit Inspection Record

Address: 2610 Day Dr

Contact Person: Rodney Wiegand

Phone #: 217-519-1220

MS4:

☐ Decatur

☐ Forsyth

☒ Macon County  
☐ Mt. Zion

Type:

☒ Home Site

☐ Subdivision

☐ Commercial

☐ Municipal

### First Inspection

Date: 10/14/22 Time: \_\_\_\_\_

☒ In Compliance ☐ Out of Compliance

Reasons for out of Compliance:

BMP's in place

### Second Inspection

Date: 3/16/23 Time: \_\_\_\_\_

☐ In Compliance ☒ Out of Compliance

Reasons for out of Compliance:

Silt fence partially down - contacted  
owner + will be corrected.

### Third Inspection

Date: \_\_\_\_\_ Time: \_\_\_\_\_

☐ In Compliance ☐ Out of Compliance

Reasons for out of Compliance:

File Closed: \_\_\_\_\_

Initials: \_\_\_\_\_



# Appendix D

Macon County

2023 NPDES

Storm Water Report

## 2022 Stormwater Complaints

Case No.	Date	Complained By:	Phone	Person Complained About:	Property in Question	Type of Complaint
SW-2022-01-24-001	1/24/2022	Anonymous	Na	Jack & Leota Knisley	Empty lot off of Roberts Dr	Blocking natural flow of water
SW-2022-05-11-002	5/11/2022	Anonymous	Na	Katrina Smalley	Boyd Road 18-08-29-200-017	Drain pipe causing flooding to neighbor

# Appendix E

Macon County

2023 NPDES

Storm Water Report





Site ID: Below Dam/Lake Decatur  
Date: 3/2/2023

## Outfall Monitoring Sheet

Name of Inspector: Tracy Sumpster + Amy McKinney

### Present Weather

☒ Clear  
☐ Overcast  
☐ Showers  
☐ Rainy (Steady)  
☐ Stormy (Heavy)

### Turbidity

☒ Clear  
☐ Slight  
☐ Medium  
☐ Heavy

### Water Appearance

☒ Clear  
☐ Milky  
☐ Foamy  
☐ Dark Brown  
☐ Oily Sheen  
☐ Reddish  
☐ Green  
☐ Other \_\_\_\_\_

### Water Odor

☒ None  
☐ Sewage  
☐ Chlorine  
☐ Fishy  
☐ Rotten Eggs  
☐ Petroleum  
☐ Other \_\_\_\_\_

Please circle YES or NO and provide the necessary information to answer the following questions:

1. Upstream dam? (including beaver dams) Yes ☒ No  
If yes, approximately how far upstream? \_\_\_\_\_

2. Wastewater treatment discharge upstream? Yes ☒ No  
If yes, approximately how far upstream? \_\_\_\_\_

3. Any pipes emptying directly into or near your study site? Yes ☒ No

4. Channel Alteration. Has the stream been channelized (straightened) at your site? Yes ☒ No  
If yes, what percentage of your site has been channelized? \_\_\_\_\_%