



# 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, 2020 To March, 2021

Permit No. ILR40 0045

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

Name: EDWARDSVILLE TOWNSHIP Mailing Address 1: 300 WEST PARK STREET  
Mailing Address 2: County: Madison  
City: EDWARDSVILLE State: IL Zip: 62025 Telephone: 618-288-9331  
Contact Person: DANNY PICARELLA Email Address: dpicarrella@edwardsvilletownship.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 MADISON COUNTY

### THE FOLLOWING ITEMS MUST BE ADDRESSED.

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

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

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

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

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

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

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

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

Owner Signature:

Kevin Hall

Printed Name:

5/25/2021

Date:

Supervisor

Title:

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

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

COMMUNITY NAME: Edwardsville Township

PERMIT #: LR400045

EPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2020 through March 2021

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	If attached information, describe.		
<b>BMP No. A.1- Distributed Paper Materials- Informational Brochures</b>				
Milestone For Reporting Year: Brochures were posted in a public location and available to residents.				
X	The Township has stormwater brochures available to residents at the Edwardsville Township Office.		X	The Township will continue to make brochures available through the upcoming permit cycle.
<b>BMP No. A.4- Community Event- attend and participate in water-quality oriented public events</b>				
Milestone For Reporting Year: Attend at least two such events each year.				
X	Due to COVID-19, the Lewis & Clark Water Festival was canceled but the Mississippi Earth Tones Festival was presented on September 19, 2020 through socially-distanced activities.		X	The County will continue to attend at least two water related events per year.
<b>BMP No. A.5- Classroom Education Material</b>				
Milestone For Reporting Year: No specific milestone.				
X	Review of Classroom Educational Materials See Page 10 and Exhibit A.6-A		X	The Township will work with the County to coordinate educational opportunities.
<b>BMP No. A.6- Educational Presentations</b>				
Milestone For Reporting Year: Make at least two school presentations. Continue educational programs.				
X	Madison County schools operate a Green Schools program which educates children about the need to recycle and explore "green" options in their lives.		X	The County will continue involvement in educational programs.
				Ongoing through 2016-2021 permit cycle.

**COMMUNITY NAME:** Edwardsville Township

**PERMIT #:** ILR400045

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2020 through March 2021

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	YES	NO		
<b>BMP No. B.2.c- Public Involvement/Participation</b>				
<u>Milestone For Reporting Year:</u> Schedule one public meeting per year where residents can provide input on existing stormwater program.				
	X			Ongoing through 2017-2021 permit cycle.
<b>BMP No. B.6- Program Involvement- Coordinate Meetings and Annual Reports</b>				
<u>Milestone For Reporting Year:</u> The community will continue to meet to share BMPs and training opportunities.				
	X		See Page 10 and attached Exhibit B.6/F.1-A for review of meetings and topics.	Ongoing through 2016-2021 permit cycle.
<b>BMP No. B.7- Other Public Involvement- Participate in Recycling, Sustainability and Green Infrastructure Programs</b>				
<u>Milestone for Reporting Year:</u> Participate in two recycling, sustainability, and green infrastructure programs.				
	X		Review of Program Material See Page 10 - 11 and Exhibit B.7-A through B.7-I	Ongoing through 2016-2021 permit cycle.

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Comment	If attached information, describe.	Activity	Schedule
<b>BMP No. C.1- Storm Sewer Map Preparation</b>			
Milestone for Reporting Year: Collect all available outfall mapping data			
X	The Township is 100% complete with their outfall mapping program.	X	Ongoing through 2016-2021 permit cycle.
<b>BMPs No. C.2, C.9- Regulatory Control Program- Ordinance language for Illicit discharge/public notification</b>			
Milestone for Reporting Year: Modifications to the ordinance will be completed as part of this process. Communication brochures will be distributed throughout the community.			
X	N/A for Townships. Changes to ordinances on illicit discharges will be delayed until the completion of the Madison County Stormwater Master Plan. The plan is currently in development.	X	Ongoing through 2016-2021 permit cycle.
<b>BMP No. C.5- Inlet Stenciling</b>			
Milestone for Reporting Year: Complete a survey sample of inlet markers installed previously and assess conditions.			
X	The Township is 100% complete with their inlet stenciling. The presence and condition of inlet markers is being confirmed by Madison County and IEPA during routine audits. Replacement of missing and worn inlet markers is ongoing.	X	Ongoing through 2016-2021 permit cycle.
<b>BMP No. C.7- Visual Dry Weather Screening- Illicit Discharge Detection</b>			
Milestone for Reporting Year: Include training in one quarterly meeting. Conduct inspection of facilities and outfall points.			
X	The Co-permittee group reviewed illicit discharge detection and elimination procedures June 10, 2020 quarterly meeting.	X	Ongoing through 2016-2021 permit cycle.

EPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2020 through March 2021

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Comment	If attached information, describe.	Activity	Schedule
<b>BMPs No. D.1 and E.2 and D.4 and E.3 and E.4- Site Plan and Pre-Construction Review Procedures</b>			
Milestone for Reporting Year: Madison County provided an update to the Co-Permittee Group on progress with the Stormwater Master Plan			
	N/A for Townships		Ongoing through 2016-2021 permit cycle.
X	Madison County has continued to work towards a county-wide Stormwater Master Plan.	X	Continue to enforce erosion and sediment control ordinances.
<b>BMP No. D.2- Erosion and Sediment Control BMP's</b>			
Milestone for Reporting Year: Include BMP training in one quarterly meeting			
X	BMP training was provided during the September 9, 2020 quarterly meeting. The County conducted the meeting.	X	Continue to attend training as part of Co-permittee group.
<b>BMP No. D.5- Stormwater Hotline</b>			
Milestone for Reporting Year: Madison County will continue to provide support to communities with communicating hotline requests.			
X	Madison County received numerous hotline calls during the reporting period. Many complaints are addressed by the communities prior to calls to the hotline.	X	Madison County will continue to provide support to communities by communicating hotline requests.
<b>BMPs No. D.6 and E.5- Training for Construction Site Inspectors</b>			
Milestone for Reporting Year: Madison County sponsored training courses for construction site inspectors. The courses addressed specific technical issues regarding construction site runoff as well as post development.			
X	The Township has no CESSWI certified inspector on staff nor Certified Floodplain Manager on staff. Staff attends inspection of construction sites throughout the year. Review for CESSWI requirements and continuing education opportunities for Co-Permittee members was provided during the December 9, 2020 quarterly meeting.	X	Madison County and the Co-Permittee group will continue to explore opportunities for additional training seminars.

**COMMUNITY NAME:** Edwardsville Township

**PERMIT #:** JLR400045

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Comment			Activity
<b>BMP No. F.1- Employee Training Program</b>			
Milestone for Reporting Year: The Co-Permittee Group will hold an Operations Training class as part of continuing education opportunities.			
<p>X</p>	<p>Operations Training was provided during the April 21/23, 2020 quarterly meeting.</p> <p>Madison County extended the IDOA certificate until 12/31/20 but if training was required, the County offered a 1-hour Solid Mosquito Larvicide via webinar.</p> <p>The County attended the 2021 IAFSM Conference.</p>	<p>See Page 10 and attached Exhibit B.6/F.1-A for Operations Training, Exhibit B.6/F.1-B for Larvicide Training. See Page 11 and attached Exhibit F.1-C for Annual Conference.</p>	<p>The Co-Permittee Group will continue to offer Operations Training and other educational and training opportunities throughout the permit year.</p> <p>Ongoing through 2016-2021 permit cycle.</p>
<b>BMP No. F.2- Monitoring, Sampling, &amp; Inspection Requirements - Inspection and Maintenance Program</b>			
Milestone for Reporting Year: Evaluate storm water quality and impacts with quarterly visual inspections of outfall points.			
<p>X</p>	<p>The document is located at County Oaklawn / Old Alton, Cahokia Creek.</p> <p>1st Quarter Test on: January 6, 2020 2nd Quarter Test on: April 21, 2020 3rd Quarter Test on: July 1, 2020 4th Quarter Test on: January 4, 2021</p>		<p>The Township will continue to provide quarterly inspections at outfall points.</p> <p>Ongoing through 2017-2021 permit cycle.</p>
<b>BMP No. F.3- Other Municipal Operations Controls- Standard Operating Procedures</b>			
Milestone for Reporting Year: Operation procedures for street department activities were reviewed and modified as needed. Co-Permittee meetings included reference to review and update requirements.			
<p>X</p>	<p>Stormwater operation procedures were reviewed during the permit year and modified as needed. The procedures are located at 180 Sunset, Glen Carbon Office.</p>		<p>Operation procedures will be reviewed annually and modified as appropriate.</p> <p>Ongoing through 2016-2021 permit cycle.</p>

COMMUNITY NAME: Edwardsville Township

PERMIT

#: ILR400045

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2020 through March 2021

**ADDITIONAL INFORMATION**

<b>BMP A.4</b>	<b>Water Quality Oriented Public Events - Water Festival</b>
	Canceled in 2020 due to COVID-19. See attached Exhibit A.4-A.
<b>BMP A.4</b>	<b>Water Quality Oriented Public Events - Mississippi Earthtones Festival</b>
	Was held and presented through socially distanced activities. See attached Exhibit A.4-B.
<b>BMP A.5</b>	<b>Classroom Educational Materials - Madison County Soil and Water District</b>
	The Madison County Soil and Water Conservation District assists with the educational requirements through a number of initiatives. They provide historic aerial maps, flood maps, topography maps, soil type maps, and other data resources. These resources are used by students, developers, environmental and engineering firms, and individuals. The Soil Survey for Madison County was digitized in 2002 and is now available at no cost. Each year the Soil and Water District provide monetary awards to the best conservation 4-H project at the Madison County Fair. This has allowed school aged children to learn different methods of conservation and how it could potentially benefit stormwater quality and quantity.
	The Madison County Soil and Water District also supplies literature to schools and organizations for Earth Day and Arbor Day. The literature includes themes such as conservation and stormwater. Through funding from the Madison County Farm Bureau, the University of Illinois Extension Office, and the Madison County Soil and Water District, an educational coordinator works to deliver presentations and supply schools with literature related to stormwater pollution.
<b>BMP A.6</b>	<b>Classroom Educational Materials - Madison County Green Schools Program</b>
	Madison County schools operate a Green Schools program which educates children about the need to recycle and explore "greener" options in many facets of their lives, as well as operating large scale recycling programs. See attached Exhibit A.6-A for additional details.
<b>BMP B.6/F.1</b>	<b>Stakeholder Meetings - Co-Permittee Group Training Opportunities</b>
	The Madison County MS4 Co-Permittee Group held four quarterly training meetings during the 2020-2021 permit year. Topics covered included a review of proposed changes Phase II requirements in the MS4 permit cycle, outfall mapping, illicit discharge detection and elimination, operations training, and annual report requirements. See attached Exhibit B.6/F.1-A.
	Madison County Health Department conducted larvicide training for municipal and township employees during 2020-2021. See attached Exhibit B.6/F.1-B.
<b>BMP B.7</b>	<b>Community Events</b>
	Throughout the year, Madison County sponsored many community events that could positively impact stormwater quality. These activities encourage public participation to prevent pollutants from getting into the sanitary and storm sewer system.
	The pharmaceutical drop-off program included twelve police departments in the County plus the Madison County Sheriff's Department where citizens could dispose of expired or unwanted medication year round properly rather than flushing down the drain or dumping into landfills. This initiative collected over 1,980 pounds of prescription and over-the-counter medications. See attached Exhibit B.7-A.

<b>BMP B.7</b>	<b>Community Events</b>
	Madison County managed a Christmas Tree recycling program in conjunction with area public works and township highway departments from late December 2020 to mid January 2021. There were different locations open to the public that collected Christmas trees. The trees were chipped for mulch in and used by public works departments for parks or in ponds for fish bedding. See attached Exhibit B.7-B for additional details.
	Madison County Planning and Development sponsored an electronic waste collection in August, 2020 where residents could bring home electronics, computer towers, laptops, servers, fax machines, and many other electronic items for free disposal. See attached Exhibit B.7-C.
	Madison County Sponsored a tire recycling collection in October 2020 with a total of 30 participating government entities utilizing 69 trucks approximately 72.76 tons were recycled. See attached Exhibit B.7-D.
	Madison County sponsored a household hazardous waste collection in September and October of 2020 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.
	Madison County sponsored an Election Sign Collection November 3rd - 8th, 2020 where residents could bring their yard signs to designated locations for recycling. See attached Exhibit B.7-F.
<b>BMP B.7</b>	<b>Other Public Involvement</b>
	Madison County, along with Heartland Conservancy, provided various events to help educate the County on watershed plans and how they reduce flooding and improve water quality throughout the County. Major components of the events include watershed resource inventories of existing conditions, watershed based plans for improvements, and public/stakeholder involvement. See attached Exhibit B.7-G for more details.
	In partnership with SIUE, Madison County conducted a study of 7 recycling drop-off stations within the County. The public was asked to provide feedback since Community input is essential to meeting the County's goals. See attached Exhibit B.7-H.
	Madison County is actively involved in groups and organizations that are connected with MS4. See attached Exhibit B.7-I for more details.
<b>BMP D.2</b>	<b>Erosion and Sediment Control BMP's</b>
	Madison County sponsored an Erosion and Sediment Control Field Day on February 28, 2020 to provide additional training to professionals in the community on various storm water controls. The next scheduled Erosion and Sediment Field Day will be in 2022 since it is an "every other year" event.
	Erosion and Sediment Control BMP training was provided during the September 9, 2020 quarterly meeting. See attached Exhibit D.2-A.
<b>BMP D.6/E.5</b>	<b>Training for Construction Site Inspectors</b>
At the December 9, 2020 co-permittee group quarterly meeting, Madison County provided a training workshop for construction site inspectors. A presentation was provided by professional staff focusing on "Notice of Intent Construction Site Disturbance". The presentation provided 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.	
<b>BMP F.1</b>	<b>Employee Training Program</b>
Madison County attended the 2021 Illinois Association for Floodplain and Stormwater Management Annual Conference on March 10th and 11th, 2021. See attached Exhibit F.1-C.	

## ADDITIONAL COMMUNITY ACTIVITIES

Community Name: Edwardsville Township Permit #: ILR400045

List any additional community-sponsored activities performed between March 2020 and March 2021 not listed in *Notice of Intent (NOI)* submittal, but which addresses one of the six minimum control measures:

- The Township has one 4 cubic yard dumpster that is emptied 26 times during the permit year.
- The Township conducted 200 feet of ditch cleaning (Sand Road) during the permit year.
- The Township cleaned their catch basins as needed (Old Bohm Road, Frederick Avenue, Sand Road)
- The Township cleaned roadway in their street sweeping efforts for a total of 40 hours during the permit year.
- The Township provided recycling with 8 drop-off locations for resident.

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

F. List of Construction Projects during the Current Reporting Year

<u>Permit #</u>	<u>Project</u>	<u>Status</u>
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