

COMMUNITY NAME: City of Troy

PERMIT #: ILR400461

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2019 through March 2020

A. Changes to Best Management- Were there any changes to the BMPs?			B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.	C. Provide results of information collected and analyzed, including monitoring data. Information attached? If attached information, describe.			D. Summarize the stormwater activities you plan to undertake with an implementation schedule	
Comment	YE	NO		YE	NO	Activity	Schedule	
BMP No. A.1- Distributed Paper Materials- Informational Brochures								
Milestone For Reporting Year: Brochures were posted in a public location and available to residents.								
		X	The City has stormwater brochures available to residents at the City Clerks' Office.			X	The City will continue to make brochures available through the upcoming permit cycle.	Ongoing through 2016-2021 permit cycle.
BMP No. A.4- Community Event- attend and participate in water-quality oriented public events								
Milestone For Reporting Year: Attend at least two such events each year.								
		X	The County participated in multiple water-quality oriented public events, including the Lewis & Clark Water Festival and the Mississippi Earthtones Festival.	See Page 10 and Exhibits A.4-A to A.4-B for more information.		X	The County will continue to attend at least two water related events per year.	Ongoing through 2016-2021 permit cycle.
BMP No. A.5- Classroom Education Material								
Milestone For Reporting Year: No specific milestone.								
		X		Review of Classroom Educational Materials See Page 10 and Exhibit A.6-A		X	The City will work with the County to coordinate educational opportunities.	Ongoing through 2016-2021 permit cycle.
BMP No. A.6- Educational Presentations								
Milestone For Reporting Year: Make at least two school presentations. Continue educational programs.								
		X	Madison County schools operate a Green Schools program which educates children about the need to recycle and explore "green" options in their lives.	See Page 10 and Exhibit A.6-A for more information.		X	The County will continue involvement in educational programs.	Ongoing through 2016-2021 permit cycle.

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BMP No. B.2.c- Public Involvement /Participation							
Milestone For Reporting Year: Schedule one public meeting per year where residents can provide input on existing stormwater programs.							
	X		The City did not hold a public meeting to discuss their MS4 program.		X	The City will continue to provide an annual public meeting.	Ongoing through 2017-2021 permit cycle.
BMP No. B-6- Program Involvement- Coordinate Meetings and Annual Reports							
Milestone For Reporting Year: The community will continue to meet to share BMPs and training opportunities.							
	X		The Madison County MS4 Co-Permittee Group held four quarterly training meetings during the 2019-2020 permit year. Meetings were held: - March 27, 2019 - June 12, 2019 - September 11, 2019 - December 11, 2019 Representatives from the City attended three meetings.		X	See Page 10 and attached Exhibit B.6/ F.1-A for review of meetings and topics. The City will continue to meet with the Co-Permittee Group to share BMPs and training opportunities.	Ongoing through 2016-2021 permit cycle.
BMP No. B.7- Other Public Involvement- Participate in Recycling, Sustainability and Green Infrastructure Programs							
Milestone for Reporting Year: Participate in two recycling, sustainability, and green infrastructure programs.							
	X		The County sponsored numerous recycling, sustainability, and green infrastructure programs including Pharmaceutical Drop-off, Electronic Waste Collection, and Christmas Tree Recycling.		X	Review of Program Material See Page 10 - 11 and Exhibit B.6-C through B.6-H The City will continue to participate in and promote programs related to stormwater activities.	Ongoing through 2016-2021 permit cycle.

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BMP No. C.1- Storm Sewer Map Preparation							
Milestone for Reporting Year: Collect all available outfall mapping data							
		X	The City is 100% complete with their outfall mapping program.		X	The City will review map completeness and update with revised or new storm sewer systems.	Ongoing through 2016-2021 permit cycle.
BMPs No. C.2, C.9- Regulatory Control Program- Ordinance language for Illicit discharge/public notification							
Milestone for Reporting Year: Modifications to the ordinance will be completed as part of this process. Communication brochures will be distributed throughout the community.							
		X	The City's Stormwater Ordinance contains a section on illicit discharge. Changes to ordinances on illicit discharges will be delayed until the completion of the Madison County Stormwater Master Plan. The plan is currently in development.		X	Enforce illicit discharge ordinances regularly.	Ongoing through 2016-2021 permit cycle.
BMP No. C.5- Inlet Stenciling							
Milestone for Reporting Year: Complete a survey sample of inlet markers installed previously and assess conditions.							
		X	The City is 100% complete with their inlet stenciling. The presence and condition of inlet markers is being confirmed by Madison County and IEPA during routine audits. Replacement of missing and worn inlet markers is ongoing.		X	Continue to replace missing and worn inlet markers.	Ongoing through 2016-2021 permit cycle.
BMP No. C.7- Visual Dry Weather Screening- Illicit Discharge Detection							
Milestone for Reporting Year: Include training in one quarterly meeting. Conduct inspection of facilities and outfall points.							
		X	The Co-permittee group reviewed illicit discharge detection and elimination procedures at the June 12, 2019 quarterly meeting.		X	Continue to conduct inspections of City facilities and outfall points.	Ongoing through 2016-2021 permit cycle.

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BMPs No. D.1 and E.2 and D.4 and E.3 and E.4- Site Plan and Pre-Construction Review Procedures							
Milestone for Reporting Year: Madison County provided an update to the Co-Permittee Group on progress with the Stormwater Master Plan							
		X	The City's Stormwater Ordinance contains sections on construction site runoff control. Madison County has continued to work towards a county-wide Stormwater Master Plan.			X	Continue to enforce erosion and sediment control ordinances. Ongoing through 2016-2021 permit cycle.
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 December 11, 2019 quarterly meeting, as well as offered during a Madison County sponsored Erosion and Sediment Control Field Day.	See Page 11 and Exhibit D.2 - A for more information.		X	Continue to attend training as part of Co-permittee group. Ongoing through 2016-2021 permit cycle.
BMP No. D.5- Stormwater Hotline							
Milestone for Reporting Year: Madison County will continue to provide support to communities with communicating hotline requests.							
		X	Madison County received numerous hotline calls during the reporting period. Many complaints are addressed by the communities prior to calls to the hotline.			X	Madison County will continue to provide support to communities by communicating hotline requests. Ongoing through 2016-2021 permit cycle.
BMPs No. D.6 and E.5- Training for Construction Site Inspectors							
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 City does not have a CESSWI certified inspector nor Certified Floodplain Managers on staff. Staff attends inspection of construction sites throughout the year. Review for CESSWI requirements and continuing education opportunities for Co-Permittee members was provided during quarterly meetings.	See Page 11 and attached Exhibit D.6/E.5- A for training.		X	Madison County and the Co-Permittee group will continue to explore opportunities for additional training seminars. Ongoing through 2016-2021 permit cycle.

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BMP No. F.1- Employee Training Program							
Milestone for Reporting Year: The Co-Permittee Group will hold and Operations Training class as part of continuing education opportunities.							
		X	The City sent a representative to the following training opportunity: The Madison County Health Department held Larvicide Application Training for municipalities and townships on April 26, 2018 covering the application of larvicide briquettes.	See Page 10 and attached Exhibit B.6/ F.1-B for Larvicide Training. See Page 11 and attached Exhibit F.1-C 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 2016-2021 permit cycle.
BMP No. F.2- Monitoring, Sampling, & Inspection Requirements - Inspection and Maintenance Program							
Milestone for Reporting Year: Evaluate storm water quality and impacts with quarterly visual inspections of outfall points.							
	X		The discharge monitoring testing location is Outfall C010000096 - Silver Creek 1 st Quarter Test on: April 18, 2019 2 nd Quarter Test on: July 15, 2019 3 rd Quarter Test on: October 30, 2019 4 th Quarter Test on: February 24, 2020		X	The City will continue to provide quarterly inspections at outfall points.	Ongoing through 2016-2021 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.		X	Operation procedures will be reviewed annually and modified as appropriate.	Ongoing through 2016-2021 permit cycle.

ADDITIONAL INFORMATION

BMP A.4	Water Quality Oriented Public Events - Water Festival See attached Exhibit A.4-A.
BMP A.4	Water Quality Oriented Public Events - Mississippi Earthtones Festival See attached Exhibit A.4-B.
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 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.
BMP A.6	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.6-A for additional details.
BMP B.6/F.1	Stakeholder Meetings - Co-Permittee Group Training Opportunities The Madison County MS4 Co-Permittee Group held four quarterly training meetings during the 2019-2020 permit year. Topics covered included a review of proposed changes Phase II requirements in the third 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 2019. See attached Exhibit B.6/F.1-B.
BMP B.6	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 where citizens can dispose of expired or unwanted medication year round properly rather than flushing down the drain or dumping into landfills. In addition, Madison County participated in the National DEA Drug Take Back Day in April and October 2019. See attached Exhibit B.6-C.

ADDITIONAL INFORMATION

BMP B.6	<p>Community Events</p> <p>Madison County managed a Christmas Tree recycling program in conjunction with area public works and township highway departments from late December 2019 to mid January 2020. 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.6-D for additional details.</p> <p>Madison County Planning and Development sponsored an electronic waste collection in March 2019 where residents could bring home electronics, computer towers, laptops, servers, fax machines, and many other electronic items for free disposal. See attached Exhibit B.6-E.</p> <p>Madison County Sponsored a tire recycling collection in October 2019 with a total of 37 participating government entities recycled approximately 118.75 tons. See attached Exhibit B.6-F.</p> <p>Madison County sponsored a household hazardous waste collection in September and October of 2019 where Illinois residents could bring paints, gas, oils, degreasers, fluorescent bulbs, and other household hazardous waste items for free disposal. See attached Exhibit B.6-G.</p> <p>Meadowbrook Area hosted a community clean-up day during May of 2019. See attached Exhibit B.6-H.</p>
BMP B.7	<p>Other Public Involvement</p> <p>Madison County, along with Heartland Conservancy, provided various events to help educate the County on watershed plans and how they reduce flooding and improve water quality throughout the County. Major components of the events include watershed resource inventories of existing conditions, watershed based plans for improvements, and public/stakeholder involvement. See attached Exhibit B.7-A for more details.</p>
BMP D.2	<p>Erosion and Sediment Control BMP's</p> <p>Madison County sponsored an Erosion and Sediment Control Field Day on February 28, 2020 to provide additional training to professionals in the community on various storm water controls. See attached Exhibit D.2-A.</p>
BMP D.6/E.5	<p>Training for Construction Site Inspectors</p> <p>At the June 12, 2019 co-permittee group quarterly meeting Madison County provided a training workshop for construction site inspectors. A presentation was provided by professional staff focusing on the importance of construction site runoff control, as well as post-construction runoff control. 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.</p>
BMP F.1	<p>Employee Training Program</p> <p>Madison County attended the 2020 Illinois Association for Floodplain and Stormwater Management Annual Conference on March 11th and 12th, 2020. See attached Exhibit F.1-C.</p>