



Rule 13 - MS4 ANNUAL REPORT

State Form 51278 (R6 / 7-12)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:

IDEM Office of Water Quality , Storm Water Program
MS4 Coordinator
100 North Senate Avenue, Room 1255
MC 65-42
Indianapolis, IN 46204-2251
Telephone: (317) 234-1801 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access: <http://www.IN.gov/idem/4900>

- NOTE:**
- Annual reports must be submitted to the Indiana Department of Environmental Management. **Failure to submit the annual report is considered noncompliance with your permit.**
 - For the **first five (5)**-year permit term, this completed form must be submitted by 1 year from the SWQMP – Part C submittal date and, thereafter, 1 year from the previous report (i.e., in years two (2) through five (5) of permit coverage).
 - In the **second and subsequent five (5)**-year permit terms, this completed form must be submitted in years two (2) and four (4) of permit coverage.
 - Please type or print in ink.**
 - Please answer all questions thoroughly and return the form by the due date.
 - Return this form and any required attachments to the IDEM Storm Water Program, MS4 Coordinator at the address listed in the box on the upper-right.

Five Year Permit Term	Reporting Year
<input type="checkbox"/> 1st Permit Term	Permit Year <u>2022</u>
<input checked="" type="checkbox"/> Second and subsequent five (5) Year Permit Terms	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5
	MS4s in their first permit term must submit reports annually. MS4s that are in subsequent permit terms must submit in years 2 and 4 of the permit term.

PART A: GENERAL INFORMATION – MS4 OPERATOR

1. Permit Number:	INR 0 4 0 061	Type of MS4:	
2. MS4 Entity:	City of Madison <i>(Name of permit holder)</i>	<input checked="" type="checkbox"/> City	<input type="checkbox"/> Town
		<input type="checkbox"/> County	<input type="checkbox"/> Non-traditional
3. MS4 Operator:	Mayor Bob Courtney		
4. Mailing Address:	City Hall 101 W. Main Street Madison, IN	ZIP: 47250	County: Jefferson
5. Email Address:	mayor@madison-in.gov		

PART B: GENERAL INFORMATION – MS4 COORDINATOR

6. MS4 Coordinator (please print):	Brian Jackson		
7. Person's Title:	Utility Superintendent		
8. Mailing Address:	City Hall 101 W. Main Street Madison, IN	ZIP: 47250	
9. Telephone Number:	812-265-8312		
10. E-mail Address:	utilitymanager@madison-in.gov		

PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name:	Allison Padron, PE <i>(Provide this information if someone other than MS4 Operator or Coordinator completed this report.)</i>		
12. Affiliation with the MS4:	Consultant		
13. Mailing Address:	OHM Advisors 400 Missouri Avenue, Suite 100 Jeffersonville, IN	ZIP: 47130	
14. Telephone Number:	(307) 221-1586	Extension:	
15. E-mail Address:	allison.padron@ohm-advisors.com		

16. Provide a summary of the following program management activities performed during the reporting period:

- a) If this is a co-permit, list all permittees and operators responsible for permit implementation for each entity.
Not applicable. The City of Madison is not a co-permittee.
- b) Identify changes to the MS4 area boundaries, including areas added to or lost to the MS4 area via annexation or other similar means. Provide a current map (8.5" X 11" or 8.5" X 14")
No annexations have taken place during 2022. See Attachment A for map of MS4 Boundary.
- c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.
The City of Madison implements an ongoing Stream Visual Assessment Protocol (SVAP) to visually assess water quality at strategic locations throughout the County/City/Town for streams flowing into, through, and out of the City's jurisdiction. Screenings are performed every spring and fall, during leaf-off conditions. Through the SVAP, the City has been able to identify multiple locations which would benefit from maintenance, retrofits, and additional structural/non-structural BMPs, such as placing "No Dumping" signs.
- d) Provide updated receiving water information completed during the reporting period if applicable.
No new receiving waters have been identified. Deans Branch is assessed and impaired (on 303d list) for IBC and pathogens.
- e) Identify funding sources (utility fees, grants, enforcement fines etc) utilized for MS4 program implementation during this reporting period.
The MS4 program is funded through the City's local street department and sanitary sewer funds.
- f) Provide a list of new active industrial sites identified during this reporting period.
No new active industrial sites have been permitted in 2022.
- g) Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial storm water) permits.
The City of Madison's municipal airport is located outside of the incorporated area and has a separate stormwater permit. No other facilities owned or operated by Madison require a Rule 6 permit.
- h) Provide a summary of complaints received and follow-up investigation results related to storm water quality issues during this reporting period.
The majority of stormwater complaints were focused on drainage issues and flooding. These were typically cleaned out by city staff. A Stormwater Online Request Tracker to track complaints and concerns is available to the public on the City's stormwater website page. The City's Water/Sewer Billing Office also takes calls on complaints and concerns and generates work orders specific to stormwater.
- i) Other:
In December 2022, former MS4 Coordinator, Dennis Kilgore, resigned his role to oversee the MS4 Program although he has remained with the city. Also in December 2022, Jay Thompson, previous MS4 Coordinator and Wastewater Superintendent, resigned his role with the City and has left his position. As such, this annual report was compiled based on data that was available and able to be found. A position for a new MS4 Coordinator has been posted, but in the interim, Mr. Brian Jackson, has resumed responsibilities related to the MS4 program.

The City of Madison acknowledged the new MS4 General Permit by submitting a Notice of Intent (NOI) by June 2022 and focused on the transition to this permit throughout much of 2022. A new Stormwater Quality Management Plan (SWQMP) was developed and submitted on December 22, 2022, containing BMPs and activities intended to comply with the new MS4 General Permit. These activities will be implemented in 2023.

Madison is an active participant in the Southern Indiana Stormwater Advisory Committee, which is comprised of eight regulated MS4s (Clarksville, Jeffersonville, Madison, Sellersburg, New Albany, Georgetown, Floyd County, and Oak Park Conservancy District). The SWAC holds public meetings, discusses stormwater policy, hosts public participation opportunities and strives to implement the MS4 program in a cost-effective manner.

17. Identify the best management practices (BMPs) for public education and outreach included in your Storm Water Quality Management Plan (SWQMP) Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this minimum control measure (MCM) including timetables and measurable goals during this reporting period.

The City of Madison maintains a website (madison-in.gov) with a webpage specifically for Stormwater. The page contains information regarding the Clean Water Act, reporting illegal dumping, and links to the previous SWQMP, annual reports, and the Best Management Practices Manual.

The City of Madison maintains a Facebook page to promote social media messages and inform residents of activities and news throughout the City. Visit www.facebook.com/cityofmadisonIN, with 12k+ followers which reaches a wide audience. In 2022, the page posted specific stormwater-related messages about emergency alerts, Street Department maintenance on catch basins, leaf pickup, and maintenance activities. Examples of a few posts from 2021/2022 can be seen in Attachment B.

The Southern Indiana Stormwater Advisory Committee (SWAC), comprised of eight (8) communities, provides a platform for communication and collaboration across the region. The communities are able to more efficiently implement their MS4 programs by working together as a partnership to develop educational materials, host training events, and share ideas. The SWAC held four (4) quarterly meetings, with an average of nine (9) attendees per meeting. See Attachment C - SWAC Summary appendices for sign-in sheets and agendas for SWAC meetings.

The SWAC maintains a website (www.siswac.org) that received 2,103 users, 3,760 total sessions during 2022. The SWAC's social media sites are also used to send out educational messages. The Facebook page has 145 Followers, with the most popular post reaching 1,887 people. The Instagram account has maintained 144 Followers with the most successful post reaching 43 of those followers. Educational materials developed by the SWAC are available on the website. See SWAC Summary appendices for analytics information.

Updates to SWAC publications regarding the new MS4 General Permit, contact information, and visual improvements took place in 2022. A full list of SWAC materials is available in the SWAC Summary in the appendices.

- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.

In 2022, no major problems were encountered while implementing MCM1.

The Qualified Professional Inspector (QPI) Training Program was put on hold in 2022 while updates are being made to the training materials to meet the new MS4 General Permit and Construction Stormwater General Permit. Trainings are expected to begin again in 2023.

- c) Describe program BMPs that went beyond those identified in the SWQMP.

The SWAC actively participated in the 2022 Indiana MS4 Annual Conference on May 9th-10th. The SWAC set up a display table to showcase materials created by the group and disseminate information about the group to representatives throughout the state. Handout materials were provided, and members were available to discuss some of the efforts and challenges met by the group. Additionally, several members of the SWAC assisted with the afternoon work sessions regarding submittal requirements and documentation for new MS4s. A total of 328 different training and reference materials were handed out at the 2022 Meeting.

- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.

Many initiatives were re-started in 2021 and 2022, following the shut-downs caused by the 2020 Covid pandemic.

Madison has focused on implementing BMPs identified in their SWQMP and transitioning to the new permit requirements.

- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.

The Southern Indiana Stormwater Advisory Committee, as described in Part E(17a), has provided a platform for communities in the region to continue to work together for nearly 20 years. The SWAC provides an avenue to collaborate on their individual MS4 programs, discuss challenges, hold training events, and develop/diseminate educational content.

The City has an agreement with the Southeastern Indiana Recycling District (SEIRD) (formerly SISWD) to provide educational materials to constituents regarding recycling and household hazardous waste collections.

The City will be looking for more opportunities to partner on MS4 initiatives with the Jefferson County Soil and Water Conservation District (SWCD).

- f) Other:

N/A

18. Identify the best management practices for public participation and involvement included in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period.

The City has implemented and planned multiple projects which touch stormwater quality through the Madison Redevelopment Commission - Destination Madison projects. Four more projects were approved in 2022, including projects for walking paths/trails and the Riverfront Super Overlook which connects people to the river. More information can be found at Madison-in.gov/DestinationMadison.

Quarterly SWAC meetings are open to the public and advertised on the SWAC website. Meetings are moved throughout the region to encourage local involvement.

The SWAC hosted Stormwater Awareness Week throughout the region during the week of September 6th-10th, 2022. Social media messages were posted to the SWAC social media site to educate on reducing rain runoff, cleaning up spills, keeping grass clippings out of storm drains, etc. Activities were promoted on the SWAC website and through the Facebook page. Activities included putting out Stormwater Awareness signs, targeted educational brochures, discounts at local car washes, and ORSANCO River Sweeps. The City of Madison puts out 40 Stormwater Awareness Week signs at 27 locations throughout the city.

The ORSANCO River Sweep program has converted to Mini Sweeps following 2020 pandemic, which consists of smaller groups of volunteers cleaning up the shores of the Ohio River. Multiple Mini-Sweeps were held in SWAC communities the past few years.

Reports from ORSANCO for 2021 indicate that 150 Mini-Sweeps were held in 5 different states saw 1,500 people volunteering, and they collected 50,000 pound of litter. Participation in 2022 is likely even higher, although data is not yet available for last year.

- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.

In 2022, no major problems were encountered while implementing MCM 2.

- c) Describe program BMPs that went beyond those identified in the SWQMP.

Madison has focused on implementing BMPs identified in their SWQMP.

- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.

The City has continued to enhance their social media presence on Facebook, which is periodically used as a forum for sharing information on flooding, plans for future construction and potentially stormwater projects. The City has 12K+ followers so water quality messages can reach a large audience.

In January & February 2022, the Jefferson County Public Library Madison branch hosted the Smithsonian's Water/Ways exhibition. It was "an interactive exhibit about the roles water plays in society, how it affects communities, and what can be done to improve the treatment of it." See more information in Attachment D.

The Parks Department Director, Matt Woolard, floated down the Ohio River from Carrollton to Madison with Ohio River Way as a part of their mission which includes "inspire care for the land and water".

- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.

As stated in Section 17 for MCM1, Madison is a member of the Southern Indiana Stormwater Advisory Committee (SWAC), which is a regional partnership among local communities whose core function is to guide stormwater quality programs in a cost - effective, consistent, and efficient manner. The SWAC is composed of eight (8) regulated MS4 communities, including the City of Jeffersonville, City of Madison, City of New Albany, Floyd County, Oak Park Conservancy District, Town of Clarksville, Town of Sellersburg, and Town of Georgetown. The SWAC hosted Stormwater Awareness week throughout the region in September 2022, and continues to work together to build their MS4 programs as a partnership.

City residents may dispose of Hazardous Household Waste (HHW) at the Southeastern Indiana Recycling District (SEIRD), at the Jefferson Proving Ground facility.

- f) Other:

The City of Madison displayed stormwater awareness week signs on June 7th through June 17th, 2018. In the past, this event was held in partnership with SWAC to educate and encourage public involvement as relates to stormwater issues. Activities like prescription drug drop-off events and river sweeps were conducted in New Albany in 2022. SWAC Facebook pages in an effort to reach constituents through social media. Stormwater Awareness Week was promoted through the SWAC Facebook pages in an effort to reach constituents through social media.

19. Identify the best management practices for illicit discharge detection and elimination (IDDE) included in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period (mapping, screening, etc.).
 Madison has continued to utilize the SWAC Standard Operating Procedure (SOP) guidance document for outfall investigations. Madison screens outfalls in the MS4 area for illicit discharges once per permit term. The SWAC developed an Illicit Discharge Detection and Elimination Quick-Reference Field Guide for Municipal Employees, which is used during illicit discharge investigations. An illegal dumping request tracker is located on the City's website. The request tracker will be promoted during Stormwater Awareness Week each year. There is an incident report request option in the action center of the City page (Action Center / Incident Report Request / Madison, Indiana (madison-in.gov)).
 Two illicit discharges were identified in 2022:
 - 3/23/22 - Paint waste was dumped into a catch basin and discovered downstream in a ditch. Approximately 800 gallons of green liquid solution had been dumped into a storm drain. MS4 Coordinator, Dennis Kilgore, and Jay Thompson investigated initially. A Notice of Violation was issued on 3/25/22. The company where the discharge occurred took action to contain the discharge and called a service to pump out the storm drain. The company educated their employees on proper measures to dispose of waste water from the production line.
 - 12/22/22 - A resident called in a concern about staining along a roadway (Ivy Tech Drive) near Lowes. Dennis Kilgore investigated and discovered it was staining from concrete washout residual and concrete debris dumped in the roadway. The staining went into the storm system and eventually discharged into the retention pond. Mr. Kilgore met with the property manager and explained proper procedures and the necessity of cleaning up the site. Dennis stopped back on 12/27 to check on progress of cleanup. Additional cleanup efforts took place in 2023.
- b) Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.
 Madison mapped their stormwater system using GIS during the first permit term and has continued to make updates as needed.
- c) Identify changes made to the IDDE Plan during this reporting period if applicable.
 No changes were made to the IDDE plan. Madison has continued to utilize the SWAC's IDDE Standard Operating Procedure (SOP) which has continued to provide adequate guidance for locating and addressing illicit discharges. Outfall screenings for illicit discharges takes place multiple times per year, both during dry weather and following wet weather events.
- d) Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.
 No changes were made to the Illicit Discharge Control Ordinance (Ord. 2006-20, passed 11-21-06). Updates will be made in 2023/2024 to adopt a new ordinance which complies with the new MS4 General Permit and Construction Stormwater General Permit.
- e) Describe level of mapping and screening completed to date. If there are unmapped or unscreened outfalls, provide a plan and a timetable for completion.
 All of Madison's stormwater system has been mapped and all outfalls have been screened. The City currently has 97 mapped outfalls.
- f) Other:
 N/A

20. List the best management practices for the construction site storm water run-off program identified in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period.
- Multiple projects took place or began the planning process in 2022, including the development of the Madison Plaza Shopping Center (22-acres), improvements to roadways throughout the City including Main Street, expansion of SuperATV by 125,000 square feet to the existing facility, and rehabilitation for the Crystal Beach Swimming Pool.
- Drainage plans are reviewed by James Hall with L&H Environmental on behalf of the City of Madison to determine if plans are adequate for post-construction measures. The review includes construction plan elements, erosion and sediment control measures, and post-construction measures to determine compliance with the Construction Stormwater General Permit (INRA00000). An example of a Plan Review checklist can be seen in Attachment E.
- Plans Reviewed - 5: Indiana-Kentucky Electric Corporation (IKE) settling tanks (approved), Veterans Memorial Cemetery Expansion Project (approved); Sunrise Crossing Madison Plaza (approved); Red Ball Recycling (approved); Super ATV (2021-Approved)
- Construction Inspections with Deficiencies - 3 total/2 sites: Sunrise Crossing (8/31, 9/2, 9/8) - Initial inspection of construction - discharging sediment to culvert/EPSC measures not in place - IDEM informed; SuperATV Building addition
- Corrective Actions - 2: Sunrise Crossing - remediation plan in place - photos submitted showing improvements to BMP measures were made; Super ATV - new BMPs were needed and silt on roadway to be cleaned
- b) Describe program implementation partnerships and explain successes and barriers during this reporting period.
- The City has partnered with the Jefferson County SWCD using the same contractor, L&H Environmental, for plan review and site inspections. The City still reviews plans and provides input for the official plan review.
- The SWAC has developed a series of educational materials for construction, which are periodically updated for content and contact information. This includes 13 brochures, including two which have been translated into Spanish, related to construction site management. Materials are available for download through the SWAC's website. Updates to some materials took place in 2022 to meet the new MS4 General Permit and Construction Stormwater General Permit.
- The Qualified Professional Inspector (QPI) Training Program is designed to provide training for construction site inspector responsible for inspecting water quality best management practices (BMPs) at active construction sites. Classes are typically held each spring and fall, facilitated by the Clark County Soil and Water Conservation District (SWCD). The most recent class was held on December 10, 2021, with future trainings put on hold while updates were made to the training materials to meet new permit requirements.
- c) Identify the number of construction sites permitted during this reporting period and identify the number and type of enforcement actions taken against construction site operators during the same period.
- During this reporting period, five (5) plans were reviewed and permitted for construction. Active construction sites were inspected throughout the year. In total, two (2) sites were determined to have deficiencies - one site with multiple deficiencies had to submit a remediation plan and send photos proving actions were taken to comply with stormwater runoff standards. Both sites were cleaned to approved levels.
- Two (2) sites submitted their Notice of Termination (NOT) when construction was finished, as required.
- d) Identify the number and types of training opportunities that were provided to contractors, developers, and builders during this permit period.
- MS4 staff conduct outreach meetings with developers, engineers, and contractors throughout the course of the projects. Pre-construction discussions, on-site visits, and post-construction BMP discussions take place so the MS4 staff are continually engaging with the regulated community on MCM 4 and 5 issues and measures.
- The SWAC has various material on construction site management that are made available to the community including, brochures, field guides, and guidebooks. In total, there are seventeen (17) brochures were developed specifically for construction sites, including: Check dams, Concrete Washouts, Construction Entrances, Construction Sequencing, Construction Waste, Illicit Discharge, Individual Sites, Inlet Protection, Guide to the MS4 Program, Sediment Traps, Silt Fence, Stockpiling, SWAC Overview, Temporary Seeding and Mulching, Yard Waste and Grass Clippings, Desechos Ilícitos: Detección y Eliminación, Áreas de Construcción Individuales. These materials are available on the SWAC's website for download.
- e) MS4 personnel responsible for plan review, inspection, and enforcement of construction activities shall receive, at a minimum, annual training addressing appropriate control measures, inspection protocol, and enforcement procedures. Identify training provided to MS4 personnel responsible for these activities during this reporting period.
- SWAC meetings are held quarterly where EPSC procedures, including plan review, inspections, and enforcement practices are discussed. The City of Madison was represented at SWAC meetings.
- f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.
- The City continues to implement their Construction Site Runoff Ordinance (Ordinance No. 2006-20, passed 11-21-06) and Stormwater BMP Design Manual. Both documents are available on the City's stormwater website. Ordinance updates will occur during 2023/2024 to ensure compliance with the new MS4 General Permit and Construction Stormwater General Permit.
- g) Other:
- Construction site owners were informed of the transition to the Construction Stormwater General Permit (CGSP) via a letter sent by L&H Environmental in January 2022. The letter can be seen in Attachment F.

21. List the best management practices for post-construction storm water run-off control identified in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP in the SWQMP including timetables and measurable goals during this reporting period.

Drainage plans are reviewed by James Hall with L&H Environmental on behalf of the City of Madison to determine if plans are adequate for post-construction measures. The review includes construction plan elements, erosion and sediment control measures, and post-construction measures to determine compliance with the Construction Stormwater General Permit (INRA00000). In total, five (5) drainage plans were submitted to the City in 2022 for review.

The City sets up a Detention Pond Inspection and Maintenance Plan with detention basin property owners. As an example, shown in Attachment G, in 2022, the City entered into a O&M Plan with the Winterwood Development for a 10.61 acres detention pond at the Sunrise Crossing Residences and Shoppes. The City inspects the pond after each 0.5-inch storm event in 24-hours and performs maintenance on the side slopes and basin floor, while the owner is to maintain the upper area surrounding the pond.

Educational materials for the public and developers have been developed and distributed by the SWAC, including the Drainage Detention System Guidebook.

- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility during this reporting period.

The City had no major issues implementing post-construction measures. There is currently an inventory of structural BMP's in GIS.

- c) Describe program implementation partnerships and explain successes and barriers.

The City has partnered with the Jefferson County SWCD using the same contractor, L&H Environmental, for plan review and site inspections. The City still reviews plans and provides input for the official plan review.

The City of Madison utilizes the SWAC's Drainage Detention System Guidebook, which has been updated frequently for consistency and contact information. The booklet is made available to owners of retention and detention basins to maintain basins in an ongoing manner. The document is also available on the SWAC's website.

- d) MS4 area personnel responsible for implementation of the post-construction minimum control measure shall receive, at a minimum, annual training. Identify training provided for this minimum control measure during this reporting period.

City of Madison staff attend the Annual Indiana MS4 Conference each year to stay informed of post-construction stormwater practices. In 2022, this included Jay Thompson and Dennis Kilgore. Brian Jackson has also regularly attended.

- e) Identify updates or revisions to the post-construction storm water ordinance or other regulatory mechanism made during this reporting period.

The City continues to implement their Post-Construction Site Stormwater Regulations Ordinance (Ordinance No. 2007-1, passed 02-20-07) and Stormwater BMP Design Manual. Both documents are available on the City's stormwater website. Ordinance updates will occur during 2023/2024 to ensure compliance with the new MS4 General Permit and Construction Stormwater General Permit.

- f) Other:

N/A

22. List the best management practices for municipal operations pollution prevention and good housekeeping identified in your SWQMP Part C and respond to the following:

- a) Identify progress made towards development and implementation of each BMP in the SWQMP including timetables and measurable goals during this reporting period.

All City-owned facilities with Stormwater Municipal Operations Plans (SMOPs) were inspected in 2022.

Continual maintenance is performed on City stormwater infrastructure.

A street sweeper is used most weekdays and weight of material collected, milage, and hours are tracked in a written spreadsheet. Street sweeper collection reports for 2022 (see Attachment H): Total weight collected = 174,500 lbs; 714.8 miles traveled; 428 hours spent street sweeping.

Culvert/storm drain cleaning/inspections takes place multiple days per month (24 days total in 2022), cleaning a total of 1,060 culverts or storm drains in 2022. During cleaning, it is noted whether the culvert or catch basin needs repair or is clogged. Maintenance work is performed on locations noted to need more maintenance. Examples of tracking logs can be seen in Attachment I.

- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility as it relates to pollution prevention and good housekeeping at MS4 owned and operated facilities during this reporting period.

The City had no major issues implementing MCM 6.

- c) Identify storm water BMPs installed or initiated at MS4 owned and operated facilities.

The City has continued to implement the procedures outlined in Stormwater Municipal Operations Plans (SMOPs), located at each municipally owned facility, including the Wastewater Treatment Plant and Street Department Garage. The plans are available to all employees. Each municipal maintenance vehicle has a spill kit and employees are provided with annual training. The Street Department stores gasoline and diesel fuel in underground storage tanks with leak detection equipment. The tanks are registered through IDEM. The City's Wastewater Plant features above ground storage spill containment. Secondary containment exists at the City's street dept. garage, wastewater treatment plant, and golf course. Inspections of these facilities are conducted annually.

No new BMPs were installed or initiated in 2022. With the newly-submitted SWQMP as part of the new permit, new activities will begin to be initiated in 2023.

- d) Identify and describe appropriate storm water training provided to MS4 employees. Employees are required to have a minimum training once per year.

The SWAC has developed a series of training materials regarding water quality management for municipal employees that focus on simple "Do's" and "Don'ts".

The SWAC purchased a series of six (6) training videos from the North Central Texas Council of Governments (NCTCOG) on pollution prevention and good housekeeping. The videos are available to municipal employees and available on the SWAC website through a password protected page.

Members of the SWAC attended the LTAP- Stormwater Drainage Conference in West Lafayette, February 9th - 10th, 2022, the Indiana MS4 Annual Conference in May, and the Indiana Association for Floodplain and Stormwater Management (INAFSM) Conference in South Bend, September 14-16. The focus in 2022 has been on the MS4 General Permit and Construction Stormwater General Permit. Information obtained at the conferences is shared during SWAC meetings.

- e) Other:

N/A

PART K: CERTIFICATION AND SIGNATURE

The individual listed in "PART A: GENERAL INFORMATION – MS4 OPERATOR" must sign the following certification statement:

"By signing this annual report, I hereby 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 gather and evaluate 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."

Type or Print Name: MAYOR BOB COURTNEY

Signature: _____



3/22/23²⁰
(mm/dd/yyyy)