



## Rule 13 - MS4 ANNUAL REPORT

State Form 51278 (R6 / 7-12)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

- 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.

### 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) 234-1601 or

(800) 451-6027, ext. 41601 (within Indiana)

Web Access: <http://www.IN.gov/idem/4900>

Five Year Permit Term	Reporting Year
<input type="checkbox"/> 1st Permit Term	<b>Permit Year <u>2022</u></b>
<input checked="" type="checkbox"/> Second and subsequent five (5) Year Permit Terms	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input 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 0 030	Type of MS4:	<input type="checkbox"/> City <input type="checkbox"/> Town <input checked="" type="checkbox"/> County <input type="checkbox"/> Non-traditional
2. MS4 Entity:	Vanderburgh County (Name of permit holder)		
3. MS4 Operator:	Cheryl Musgrave, President of the Board of County Commissioners		
4. Mailing Address:	1 NW Martin Luther King Jr Blvd Civic Center Complex Room 305 Evansville, IN ZIP: 47708 County: Vanderburgh County		
5. Email Address:	cwmusgrave@vanderburghgov.org		

### PART B: GENERAL INFORMATION – MS4 COORDINATOR

6. MS4 Coordinator (please print):	John Stoll
7. Person's Title:	County Engineer
8. Mailing Address:	201 NW Fourth Street Old Courthouse Suite 306 Evansville, IN ZIP: 47708
9. Telephone Number:	812-435-5773
10. E-mail Address:	jstoll@vanderburghgov.org

### PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name:	Amy Harvell (Provide this information if someone other than MS4 Operator or Coordinator completed this report.)
12. Affiliation with the MS4:	Consultant, Wessler Engineering
13. Mailing Address:	6219 South East Street Indianapolis, IN ZIP: 46227
14. Telephone Number:	317-788-4551 Extension:
15. E-mail Address:	AmyH@wesslerengineering.com

**PART D: PROGRAM MANAGEMENT**  
**327 IAC 15-13-18**

**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.
- 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 changes have been made to the MS4 area boundaries since submittal of SWQMP on 12/30/22.
- c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.  
An updated Water Quality Characterization Report was submitted on 3/31/23.
- d) Provide updated receiving water information completed during the reporting period if applicable.  
Updated list of receiving waters was provided in the updated NOI, SWQMP, and WQCR.
- e) Identify funding sources (utility fees, grants, enforcement fines etc) utilized for MS4 program implementation during this reporting period.  
County funds are used for the MS4 program. These funds consist of county general revenues, cumulative bridge funds, and county highway funds. All funds have been used for the salaries of staff members responsible for implementation of the MS4 program and for equipment needed for the program.
- f) Provide a list of new active industrial sites identified during this reporting period.  
An inventory of active industrial facilities within Vanderburgh County was provided with the SWQMP and WQCR.
- g) Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial storm water) permits.  
There are no MS4-owned facilities that 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.  
There were 40 complaints received in 2022. The county was responsible for 19; private entities were responsible for 16; and contractors and developers were responsible for 5. Corrective actions for 3 complaints are still being evaluated by the county.
- i) Other:  
Refer to Table C-14 Annual Report Tracking table.

**PART E: PUBLIC EDUCATION AND OUTREACH - MINIMUM CONTROL MEASURE**

**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 SWQMP was updated in 2022 to meet the requirements of the MS4GP that included updates to BMPs and measurable goals. Refer to Table C-14 Annual Report Tracking table.
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.  
The position of Storm Water Coordinator was vacant for 2022 (and is still vacant) which led to difficulties in implementing the MS4 Program during the transition to the MS4GP.
- c) Describe program BMPs that went beyond those identified in the SWQMP.  
Not applicable.
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.  
The SWQMP was updated in 2022 to meet the requirements of the MS4GP that included updates to BMPs and measurable goals.
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.  
Vanderburgh County continues to work with the City of Evansville MS4 and the Vanderburgh County SWCD to provide educational opportunities in schools, at public events, and at workshops.
- f) Other:  
Refer to Table C-14 Annual Report Tracking table.

**PART F: PUBLIC PARTICIPATION AND INVOLVEMENT - MINIMUM CONTROL MEASURE**

**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 SWQMP was updated in 2022 to meet the requirements of the MS4GP that included updates to BMPs and measurable goals. Refer to Table C-14 Annual Report Tracking table.
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.  
The position of Storm Water Coordinator was vacant for 2022 (and is still vacant) which led to difficulties in implementing the MS4 Program during the transition to the MS4GP.
- c) Describe program BMPs that went beyond those identified in the SWQMP.  
Not applicable.
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.  
The SWQMP was updated in 2022 to meet the requirements of the MS4GP that included updates to BMPs and measurable goals.
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.  
Vanderburgh County continues to work with the City of Evansville MS4 and the Vanderburgh County SWCD to provide educational opportunities in schools, at public events, and at workshops.
- f) Other:  
Refer to Table C-14 Annual Report Tracking table.

**PART G: ILLICIT DISCHARGE DETECTION AND ELIMINATION - MINIMUM CONTROL MEASURE**

**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.).  
The SWQMP was updated in 2022 to meet the requirements of the MS4GP that included updates to BMPs and measurable goals. Refer to Table C-14 Annual Report Tracking table.
- b) Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.  
The position of Storm Water Coordinator was vacant for 2022 (and is still vacant) which led to difficulties in implementing the MS4 Program during the transition to the MS4GP.
- c) Identify changes made to the IDDE Plan during this reporting period if applicable.  
The SWQMP was updated in 2022 to meet the requirements of the MS4GP that included updates to BMPs and measurable goals.
- d) Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.  
IDDE Ordinance shall be updated in 2024.
- 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.  
Vanderburgh County currently has all of its outfalls mapped in GIS. A screening schedule was developed as part of the SWQMP update so that all outfalls are screened and outfall information is updated in GIS by the end of the permit term.
- f) Other:  
Refer to Table C-14 Annual Report Tracking table.

**PART H: CONSTRUCTION SITE STORM WATER RUN-OFF CONTROL - MINIMUM CONTROL MEASURE**

**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.  
The SWQMP was updated in 2022 to meet the requirements of the MS4GP that included updates to BMPs and measurable goals. Refer to Table C-14 Annual Report Tracking table.
- b) Describe program implementation partnerships and explain successes and barriers during this reporting period.  
Vanderburgh County MS4 staff attended four meetings in 2022 hosted by the Southwestern Indiana Storm Water Partners. Each of the meetings were approximately 1 hour and the topics discussed included submittal process of the MS4 Annual Report, how to develop ordinances, and how each MS4 has handled the CSGP 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.  
Permits were issued for 12 construction sites in 2022. One enforcement action was taken in 2022.
- d) Identify the number and types of training opportunities that were provided to contractors, developers, and builders during this permit period.  
An Engineers/Contractors workshop was held on 4/5/2022. The workshop was approximately 4 hours and covered CSGP topics.
- 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.  
MS4 Staff attended LTAP Storm Water Drainage Conference on 2/10/22 and IDEM Plan Review Training on 12/15/22. Approximately 10.5 hours of training on MCM 4 was received in 2022.
- f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.  
The Storm Water Drainage Control Ordinance and Construction Site Storm Water Runoff Control Ordinance will be updated in 2024.
- g) Other:  
Refer to Table C-14 Annual Report Tracking table.

**PART I: POST-CONSTRUCTION STORM WATER RUN-OFF CONTROL - MINIMUM CONTROL MEASURE**

**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.  
The SWQMP was updated in 2022 to meet the requirements of the MS4GP that included updates to BMPs and measurable goals. Refer to Table C-14 Annual Report Tracking table.
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility during this reporting period.  
The position of Storm Water Coordinator was vacant for 2022 (and is still vacant) which led to difficulties in implementing the MS4 Program during the transition to the MS4GP.
- c) Describe program implementation partnerships and explain successes and barriers.  
None.
- 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.  
The MS4 Coordinator received approximately 6.5 hours of training on MCM 5 in 2022.
- e) Identify updates or revisions to the post-construction storm water ordinance or other regulatory mechanism made during this reporting period.  
The Construction Site Storm Water Runoff Control Ordinance will be updated in 2024.
- f) Other:  
Refer to Table C-14 Annual Report Tracking table.

**PART J: MUNICIPAL OPERATIONS POLLUTION PREVENTION AND GOOD HOUSEKEEPING - MINIMUM CONTROL MEASURE**

**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.  
The SWQMP was updated in 2022 to meet the requirements of the MS4GP that included updates to BMPs and measurable goals. Refer to Table C-14 Annual Report Tracking table.
- 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.  
Additional tracking needs to be implemented for maintenance operations, otherwise, none as implementation of the updated SWQMP is still occurring.
- c) Identify storm water BMPs installed or initiated at MS4 owned and operated facilities.  
The SWQMP was updated in 2022 to meet the requirements of the MS4GP that included updates to BMPs and measurable goals.
- d) Identify and describe appropriate storm water training provided to MS4 employees. Employees are required to have a minimum training once per year.  
MS4 staff attended the LTAP Storm Water Drainage Conference on 2/10/22. Approximately 7 hours of training on MCM 6 were received in 2022.
- e) Other:  
Refer to Table C-14 Annual Report Tracking table.

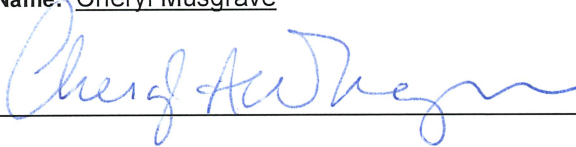
**PART K: CERTIFICATION AND SIGNATURE**

**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: Cheryl Musgrave

Signature: \_\_\_\_\_



3/30/2023  
(mm/dd/yyyy)

**TABLE C-14: ANNUAL REPORT FOR TRACKING**

<b>MS4GP SECTION</b>	<b>REQUIREMENT</b>	<b>2022 ACTIVITY</b>
<b>Public Education, Outreach, Participation and Involvement</b>		
4.3 (h)(1)	Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific changes made to resolve problems identified. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified.	
	Community Storm Water Issue Construction Measurable Goal (MG) - Increase awareness of MS4's approval process by providing educational information.	Continued implementation of existing program. Revised SWQMP for MS4GP. To review and revise educational materials and website language in 2023.
	Community Storm Water Issue Residential MG - Increase public awareness and knowledge of illicit discharge detection and elimination by providing educational materials and information to the public.	Information on IDDE is provided on website along with contact information. Revised SWQMP for MS4GP. To develop additional educational materials and website language in 2023.
	Community Storm Water Issue Commercial/ Industrial MG - Increase knowledge of proper trash dumpster housekeeping and storm water impacts to industrial/commercial sites.	Revised SWQMP for MS4GP. Dumpster fact sheet developed by Indiana Association for Floodplain and Stormwater Management (INAFSM) provided to county. To review and revise educational materials and website language in 2023.
	Public Events MG - Increase local knowledge on storm water issues by providing two public events annually for participation.	Public events include 24 County Commissioners Meetings and 7 Tox Away Days/Recycling Events. Additional public events to increase local knowledge on storm water issues are listed in Table C-4 of the SWQMP.
	Educational Materials MG - Organize and review developed materials to ensure the information is relevant prior to distribution.	Updated SWQMP per MS4GP. Educational materials compiled into a list as part of the SWQMP in 2022. To review and revise educational materials in 2023.
	Construction/Post-Construction Training for Builders, Developers, Contractors, and Engineers MG - Increase knowledge of MS4 construction and post-construction processes and procedures to contractors through training.	Educational information on MCMs 4 & 5 are on the website. Contractor training provided by the City of Evansville in 2022. To develop additional training/educational materials in 2023.
	Illicit Discharge Public Education MG - Increase public knowledge about illicit discharges through educational efforts	Information on IDDE is provided on website along with contact information. Revised SWQMP for MS4GP. To develop additional educational materials and website language in 2023.
	Storm Water Website MG - Increase public awareness and participation by providing storm water information on the Storm Water website.	Review and revise information on storm water webpage in 2023.
	Elected Officials Update MG - Provide an opportunity to inform elected officials of program status and achievements and for the community to be involved with storm water drainage planning and to express concerns	A storm water/MS4 Program implementation topic has been added to the monthly meeting agenda for the Vanderburgh County Commissioners Meetings. Due to the Storm Water Coordinator position being vacant in 2022, no presentation was completed in 2022.
4.3 (h)(2)	A list of each public participation and outreach events and activities conducted, a description of the activity, an estimate of the number of attendees, and an assessment if the goals and objectives were met.	A list with details of public participation and outreach events is tracked in Table C-4 (attached) of the SWQMP.

**TABLE C-14: ANNUAL REPORT FOR TRACKING**

<b>MS4GP SECTION</b>	<b>REQUIREMENT</b>	<b>2022 ACTIVITY</b>
4.3 (h)(3)	The number and types of construction and/or post-construction storm water training opportunities that were provided to contractors, developers and builders, property owners (commercial, industrial, residential, homeowner associations, and other targeted entities during the reporting period).	Educational information provided with each permit approval (12). The City of Evansville provided a contractor training in 2022.
4.3 (h)(4)	Documentation that presentations were made to elected officials or boards.	A storm water/MS4 Program implementation topic has been added to the monthly meeting agenda for the Vanderburgh County Commissioners Meetings. Due to the Storm Water Coordinator position being vacant in 2022, no presentation was completed in 2022.
4.3 (h)(5)	Describe each targeted audience selected and how they were reached during the reporting period and describe behavioral changes observed.	Audiences based on existing materials and events. Specific audiences were not targeted and no behavioral changes observed in 2022 since Rule 13 program was still being implemented while the SWQMP was updated.
4.3 (h)(6)	A list of all public education materials used during the reporting period.	A list with all educational materials for each MCM used during the reporting period can be found in Table C-3 (attached) of the SWQMP.
<b>Illicit Discharge, Detection and Elimination</b>		
4.4 (k)(1)	Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific changes made to resolve problems identified. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified.	
	Illicit Discharge Ordinance Update MG - Continue to maintain and enforce the illicit discharge ordinance. Review and update the ordinance to meet the MS4's needs and the MS4GP requirements.	Review and revise illicit discharge ordinance in 2023/2024 to comply with the MS4GP.
	Dry Weather Screening MG - Develop a schedule and perform visual inspections of outfalls and screen for illicit discharges. Maintain SOP for staff to follow in performing dry weather screenings and investigations.	Updated SWQMP per MS4GP. To inspect per schedule provided in SWQMP. Update the SOP in 2023.
	Industrial Facility Mapping MG - Compile the locations and information on industrial facilities in the first year of the permit term and develop a map.	Updated SWQMP per MS4GP. Industrial facilities list and map compiled in 2022 and provided in the SWQMP and WQCR.
	Collection of Hazardous Waste MG - Promote household hazardous waste collection opportunities on the website.	A calendar of household hazardous waste collection opportunities is maintained on the Vanderburgh County Solid Waste Management District (SWMD) website. A link to the SWMD website is provided on the County Storm Water page. Collection of vehicle fluids and pesticides is conducted at several automotive repair shops throughout the county. Update website language in 2023.
	Illicit Discharge Detection and Elimination SOPs MG - Maintain SOPs for illicit discharge investigation, dry weather screening, and complaint tracking.	Public reporting information is available on the website along with a description of the types of illicit discharges for residential, commercial, and construction. Update SOP in 2023.

**TABLE C-14: ANNUAL REPORT FOR TRACKING**

<b>MS4GP SECTION</b>	<b>REQUIREMENT</b>	<b>2022 ACTIVITY</b>
4.4 (k)(1) (continued)	Public Reporting MG - Promote the methods on how to report storm water complaints. Investigate potential illicit discharges within 2 business days. Maintain an SOP for public reporting.	Methods for reporting illicit discharge maintained on county website. Update SOP in 2023.
	Develop Storm Sewer System Map MG - Maintain storm sewer and outfall mapping. Map outfalls and conveyances as they are identified. Identify high priority areas based on complaints, illicit discharges, and other issues in the map.	A system is map is maintained and updated when new projects are completed. Mapping will be updated in 2023 to include all required storm sewer system components.
	IDDE Training for MS4 Staff MG - Revise or develop training materials for staff training within 360 days of permit coverage. Provide training to applicable staff members annually. Provide training within specified timeframes for new hires and applicable seasonal employees.	Develop training in 2023 on IDDE identification for new and seasonal employees to complete.
	Review of CSOOP and LTCP MG - NA	Not Applicable for this MS4 Program.
	Review of Receiving Water TMDLs MG - Review the USEPA approved TMDLs and 303(d) lists and add information to SWQMP and WQCR and update BMPs accordingly.	The USEPA approved TMDLs and Indiana 303(d) list were reviewed in 2022 and were incorporated into the SWQMP and WQCR.
4.4 (k)(2)	IDDE program updates.	SWQMP revised for the MS4GP in 2022. Program updates will occur in 2023.
4.4 (k)(3)	A summary of any storm sewer system mapping changes to the storm water outfall and conveyance maps.	No mapping changes.
4.4 (k)(4)	Number of new MS4 outfalls mapped.	0
4.4 (k)(5)	Number and location of dry weather outfalls screened for illicit discharges.	0
4.4 (k)(6)	Number and location of illicit discharges detected.	5
4.4 (k)(7)	Number and location of illicit discharges eliminated.	3
4.4 (k)(8)	Number of illicit discharges and/or spills reported to the MS4 entity.	5
4.4 (k)(9)	Number of enforcement actions taken by the MS4 entity.	0
<b>Construction Site Storm Water Run-Off</b>		
4.5 (m)(1)	Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific changes made to resolve problems identified. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified.	
	Construction Storm Water Ordinance and Standards MG - Develop and implement an ordinance that is consistent with the requirements of the MS4GP and CSGP.	Review and revise construction ordinance in 2023/2024 to comply with the MS4GP and CSGP.
	Construction Storm Water Plan Review MG - Review construction projects per the ordinance, standards, MS4GP and CSGP. Maintain SOPs for the plan review process.	Submittals are evaluated for compliance with the CSGP, MS4GP, ordinance, and standards and reviews are documented on IDEM's Technical Review form. Implemented new IDEM plan review form in 2022. Update SOP in 2023.



**TABLE C-14: ANNUAL REPORT FOR TRACKING**

<b>MS4GP SECTION</b>	<b>REQUIREMENT</b>	<b>2022 ACTIVITY</b>
4.5 (m)(1) (continued)	CSGP Compliance for MS4 Owned Projects MG - Submit all CSGP qualifying construction projects for plan review. Develop an SOP for CSGP submittals across all MS4 departments.	County-owned projects are submitted to the SWCD for review under the CSGP. Update SOP in 2023.
	Construction Priority Sites MG - Evaluate all qualifying construction projects for priority during the plan review process. Include the identification of priority sites in the plan review process SOP.	Priority designation is recorded on the IDEM Technical Review and Comment form during plan review. Update the SOP in 2023.
	Construction Site Inspections MG - Complete construction site inspections per required frequency. Develop and maintain SOPs for inspections.	Updated SWQMP per MS4GP. Construction sites shall be inspected per the frequency in the SWQMP. Update the SOP in 2023.
	Construction Enforcement MG - Develop and maintain SOP(s) for enforcement actions. Document non-compliance and enforcement actions on the inspection form.	Updated SWQMP per MS4GP. Non-compliance and enforcement actions shall be documented as indicated in the SWQMP. Update the SOP in 2023.
	Construction Storm Water Project Inventory MG - Track all CSGP construction sites and activities.	The approved construction sites were tracked on a spreadsheet.
	Construction Training for Inspection, Plan Review and Enforcement MG - Increase plan reviewer and construction inspector knowledge by receiving annual training.	All training is recorded in Table C-5 Training Matrix. The plan reviewer and inspector received 10.5 hours of training.
	Construction Complaints MG - Reduce sediment loss/migration and prevention of other construction site storm water pollutants from impacting MS4 storm water conveyances. Develop and maintain SOP(s) for complaints.	Public reporting information is available on the website. Complaints are logged and investigated per the SWQMP. Update the SOP in 2023.
4.5 (m)(2)	The number of construction projects owned and/or operated by the MS4 entity that are active at the time of submittal.	1
4.5 (m)(3)	The number of construction sites obtaining a MS4 entity-issued storm water run-off permit or authorization to discharge.	12
4.5 (m)(4)	The number of construction sites inspected.	17
4.5 (m)(5)	The number and type of enforcement actions taken.	One enforcement action was taken in 2022. A \$500.00 fine was issued for Westridge Commons subdivision.
4.5 (m)(6)	The number of public information requests and/or complaints received.	5
<b>Post-Construction Storm Water Run-Off</b>		
4.6 (j)(1)	Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific changes made to resolve problems identified. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified.	
	Post-Construction Storm Water Ordinance and Standards MG - Update the ordinance to require the implementation of water quality practices for land disturbances.	Review and revise post-construction ordinance in 2023/2024 to comply with the MS4GP and the CSGP.

**TABLE C-14: ANNUAL REPORT FOR TRACKING**

<b>MS4GP SECTION</b>	<b>REQUIREMENT</b>	<b>2022 ACTIVITY</b>
4.6 (j)(1) (continued)	Post-Construction Plan Review MG - Review construction projects per the ordinance, standards, MS4GP and CSGP. Maintain SOPs for the plan review process.	Submittals are evaluated for compliance with the CSGP, MS4GP, ordinance, and standards and reviews are documented on IDEM's Technical Review form. Implemented new IDEM plan review form in 2022. Update SOP in 2023.
	Post-Construction Inspections (MS4-Owned) MG - Follow the Manual for MS4-owned storm water measures. Develop and maintain SOPs for inspections. Complete post-construction inspections for MS4-owned measures per the schedule.	Updated SWQMP per MS4GP. Post-construction inspections of privately-owned measures shall be completed per the schedule in the SWQMP. Update the SOP in 2023.
	Post-Construction Inspections (Privately-Owned) MG - Develop a list of measures and a method to record private O&M Manuals with the property. Develop and maintain SOPs for inspections. Complete post-construction inspections for private measures per the schedule.	Updated SWQMP per MS4GP. Post-construction inspections of MS4-owned measures shall be completed per the schedule in the SWQMP. Update the SOP in 2023.
	Post-Construction Training for Inspection, Plan Review and Enforcement MG - Increase plan reviewer and inspector knowledge by receiving annual training.	Personnel received 6.5 hours of training on post-construction in 2022. Training recorded in Table C-5 Training Matrix.
4.6 (j)(2)	Updates to the post-construction ordinance or regulatory mechanism.	The post-construction ordinance will be reviewed and revised in 2023-2024.
4.6 (j)(3)	Number of sites requiring post-construction controls.	12
4.6 (j)(4)	Number, type, and location of structural measures installed.	1 wet retention pond at 3000 Kansas Road; 1 wet retention pond & vegetated filters at 38.0467, -87.5092; 1 wet retention pond & vegetated filters at 4505 E. BNH Road; 1 wet retention pond & vegetated filters at 36.102222, -87.493056; 1 wet retention pond & vegetated filters at 38.065278, -87.4888889; 1 wet retention pond & vegetated filters at 38.07841, -87.48833; 1 vegetated filter strip at 38.01224, -87.640708; 1 vegetated filter strip at 38.0193, -87.5379; 1 vegetated filter strip at 37.479464, -87.627386; vegetative filter strips, grass and riprap lined swales, & permanent retention facilities at 38.020833, -87.595833; 1 hydrodynamic stormwater quality treatment unit at 19411 US 41 North; and permanent inlet filters at 7007 US 41 North.
4.6 (j)(5)	Number, type, and location of structural measures modified to function properly or improve water quality benefits.	None.
4.6 (j)(6)	Number, type, and location of structural measures inspected to ensure each meets design requirements and/or are being maintained.	None.
<b>Municipal Operations Good Housekeeping and Pollution Prevention</b>		
4.7 (n)(1)	Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific changes made to resolve problems identified. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified.	
	Inventory of MS4 Facilities MG - Identify MS4 facilities, prioritize pollution generating sites, and maintain the list and map.	Developed list of MS4 Facilities in 2022 as part of SWQMP update (Table C-12).

**TABLE C-14: ANNUAL REPORT FOR TRACKING**

<b>MS4GP SECTION</b>	<b>REQUIREMENT</b>	<b>2022 ACTIVITY</b>
4.7 (n)(1) (continued)	Storm Water Pollution Prevention Plans MG - Maintain site SWPPPs and update annually.	Update/develop MS4 facility SWPPPs by July 2024.
	Quarterly Facility Inspections MG - Complete inspections quarterly and maintain with SWPPPs.	Quarterly facility inspections were not completed in 2022. Quarterly facility inspections will be updated as part of the SWPPP.
	Annual Facility Assessment MG - Complete assessments annually and maintain with SWPPP.	Annual assessment to be completed in 2023.
	Periodic Litter Collection MG - Collect litter to prevent conveyance contamination and clogging. Develop and maintain SOP.	Litter collection continuous. Update SOP in 2023.
	Storm Water Infrastructure Maintenance MG - Reduce the amount of floatables and other pollutants discharged by cleaning and maintaining storm water structures and conveyances. Develop and maintain SOP.	Maintenance occurs as-needed or if a complaint is received. The County Highway Department does not keep detailed records of completed work. MS4 to implement improved maintenance documentation in 2023. Update SOP in 2023.
	Roadside Vegetation, Shoulder & Ditch Stabilization MG - Repair shoulders and ditches to prevent accidents and sedimentation from entering conveyances. Develop and maintain SOP.	Repairs occur as-needed or if a complaint is received. The County Highway Department does not keep detailed records of completed work. MS4 to implement improved maintenance documentation in 2023. Update SOP in 2023.
	Remediation of Outfall Scouring MG - Repair outfalls to prevent sedimentation from entering conveyances. Develop and maintain SOP.	Repairs occur as-needed or if a complaint is received. The County Highway Department does not keep detailed records of completed work. MS4 to implement improved maintenance documentation in 2023. Update SOP in 2023.
	Disposal of Animal Waste MG - Properly dispose of animal waste.	MS4 does not operate a dog park; trash cans are provided.
	County-Wide Snow and Salt Management MG - Reduce the amount of stored salt exposed through proper management.	Continue current practices. Revise the Highway Dept. SWPPP and update the SOP in 2023.
	County Sweeping MG - Not conducted by MS4.	NA - MS4 does not sweep streets.
	Storm Water Practices for Vendors and Contractors MG - Train contractors on MS4 storm water management policies and procedures.	No contractors used in 2022.
	Flood Control Structures MG - Document that all new MS4-controlled flood management projects are evaluated for water quality impacts.	No flood control structures were installed in 2022.
	Municipal Operations Training MG - Increase employee awareness of storm water issues by providing annual training.	The County Engineer received 7 hours of training on municipal operations in 2022. Training recorded in Table C-5 Training Matrix.
4.7 (n)(2)	Number and location of storm water outfalls and conveyance systems that have been repaired.	None in 2022.
4.7 (n)(3)	Estimated amount of material collected from storm water drainage system cleaning including the disposal methods utilized.	The Vanderburgh County Highway Department has continued to clean storm sewers, catch basins, ditches, inlets, and storm sewers. However, no data is available for the length of storm sewers cleaned or the number of inlets cleaned during this reporting period.

**TABLE C-14: ANNUAL REPORT FOR TRACKING**

<b>MS4GP SECTION</b>	<b>REQUIREMENT</b>	<b>2022 ACTIVITY</b>
4.7 (n)(4)	Estimated amount of material collected from street sweeping, if applicable, including the disposal methods utilized.	NA - MS4 does not sweep streets.
4.7 (n)(5)	Number and location of de-icing salt and sand storage areas and methods used to minimize storm water exposure.	Vanderburgh County has one location for salt and sand storage. It is located at 5105 N. St. Joseph Avenue. The salt and sand are stored in covered storage facilities in order to minimize storm water exposure.
<b>Misc.</b>		
5.1 (c)(4)	TMDL Implementation - provide documentation in the annual report of installation and maintenance of storm water management measures and principles that have been implemented.	TMDLs reviewed as part of SWQMP and WQCR in 2022. The MS4 contains a TMDL for the Highland-Pigeon Watershed. Existing and potential BMPs will be reviewed in 2023 to reduce pollutants of concern.
8.1 (a)(1)	Relevant sections of the SWQMP that have been modified.	Revised entire SWQMP for MS4GP in 2022.
8.1 (a)(2)	Updates of measurable goals for each minimum control measure (MCM).	The updated measurable goals for all BMPs in the SWQMP.
8.1 (a)(3)	Progress towards development, implementation, and enforcement of all MCMs. Report on all items identified in the annual report section associated with each MCM.	Each BMP is listed in this table.
8.1 (a)(4)	Status of ordinance development and/or modification.	Ordinances will be reviewed and revised in 2023-2024.
8.1 (a)(5)	New and on-going water quality characterization data.	The Water Quality Characterization Report was submitted to IDEM on 3/31/23.
8.1 (a)(6)	Updated list of receiving waters.	Receiving waters updated as part of SWQMP.
8.1 (a)(7)	A description of progress to meet a TMDL WLA or improve water quality in the 303d listed impairments.	TMDL identified as part of 2022 SWQMP update. The need for additional BMPs will be evaluated in 2023.
8.1 (a)(8)	Implementation problems encountered, including program changes made to address ineffectiveness or infeasibility.	MS4 has continued issues with lack of funding and resources for program. The Storm Water Coordinator job position is open.
8.1 (a)(9)	New funding sources and expenditures.	Capital expenses, application fees.
8.1 (a)(10)	MS4 jurisdictional boundaries as required by Section 4.2 (a)(1). Identify land areas removed or added to the jurisdictional area of the MS4.	MS4 boundaries provided in SWQMP and WQCR. No changes.
8.1 (a)(11)	Storm water system map as required by 4.4 (f)(1) through (4).	The storm water system for Vanderburgh County is maintained on an internal GIS mapping system.
8.1 (a)(12)	A final program assessment, including a comprehensive review of all goals and objectives, program achievements, and areas identified to improve and enhance program effectiveness.	SWQMP revised for the MS4GP in 2022. Completed Annual Assessment on 03/28/23. Implementation of program updates will occur in the permit term.
8.1 (a)(13)	All required elements of the annual report must be completed or use of not applicable must have an explanation.	Completed

**TABLE C-3: LIST OF EDUCATIONAL MATERIALS AND DISTRIBUTION**  
**MCM 1 & 2 - PUBLIC EDUCATION, OUTREACH, PARTICIPATION & INVOLVEMENT**

SUBJECT MCM	EDUCATIONAL MATERIAL	DEVELOP	REVIEW AND REVISE	SCHEDULE	INFO SOURCE	TARGET CONSTITUENT	LOCATION	DISTRIBUTION	DATE PROVIDED/ UPDATED	# TRAINED/ DISTRIBUTED
1 & 2	Facebook Post - Title	X		07/04/25	MS4		MS4 Coordinator's Computer, Facebook			
1 & 2	Facebook Post - Title	X		07/04/25	MS4		MS4 Coordinator's Computer, Facebook			
1 & 2	Facebook Post - Title	X		07/04/25	MS4		MS4 Coordinator's Computer, Facebook			
1 & 2	General Industrial SW Information		X	07/04/25	MS4	Business	MS4 Coordinator's Computer/Server, hard copies in City Hall	Post to SW website as part of site revisions		
1 & 2	General Storm Water & MS4 Information		X	07/04/25	MS4	All	MS4 Coordinator's Computer/Server, hard copies in City Hall	Post to SW website as part of site revisions		
1 & 2	General SW/MS4 Brochure		X	07/04/25	MS4	Public	MS4 Coordinator's Computer/Server, hard copies in City Hall	Post to SW website as part of site revisions		
1 & 2	Storm Water Utility Fee Information		X	07/04/25	MS4	All	MS4 Coordinator's Computer/Server, hard copies in City Hall	Post to SW website as part of site revisions		
3	Facebook Post - Title	X		07/04/25	MS4		MS4 Coordinator's Computer, Facebook			
3	Illicit Discharge - Businesses	X		07/05/23	MS4	Public	MS4 Coordinator's Computer/Server	Post to SW website as part of site revisions		
3	Illicit Discharge - General Employees, Admin, etc.	X		06/30/23	MS4	Municipal		Post to SW website as part of site revisions		
3	Illicit Discharge - General/Public Education	X	X	07/05/23	MS4	Public	MS4 Coordinator's Computer/Server	Post to SW website as part of site revisions		
3	Illicit Discharge - Municipal Op Employees	X		06/30/23	MS4	Municipal				
3	Illicit Discharge - Schools	X		07/05/23	MS4	Public	MS4 Coordinator's Computer/Server	Post to SW website as part of site revisions		
3	Illicit Discharge - Businesses: Video on wastes and spills.	NA	NA	06/30/23	Online	Business	<a href="#">Preventing Pollution – Businesses</a>	Post to SW website as part of site revisions		
3	Illicit Discharge - Public Reporting		X	07/05/23	MS4	All	MS4 Coordinator's Computer/Server	Post to SW website as part of site revisions		
4 & 5	CSGP Continuation of Coverage Guidance	NA	NA	NA	Wessler	Contractors	MS4 Coordinator's Computer	Provided to active Rule 5 contractors; information on continuation of coverage	04/30/22	
4 & 5	Do I Need a Permit?		X	07/04/25	MS4	Contractors	MS4 Coordinator's Computer/Server	Ongoing & Provided with each local/CSGP permit issued.		
4 & 5	Facebook Post - Title	X		07/04/25	MS4		MS4 Coordinator's Computer, Facebook			
4 & 5	General Construction Permitting Information		X	07/04/25	MS4	Contractors	MS4 Coordinator's Computer/Server, hard copies in City Hall	Posted to SW Website		
4 & 5	Ordinance		X	07/04/25	County	Contractors	County	Posted to SW Website		
4 & 5	Standards (IN Storm Water Quality Manual)		X	07/04/25	MS4	Contractors	Standards referenced on SW Website.	Posted to SW Website		
4 & 5	Video on SW runoff and post-construction measures	NA	NA	NA	Online	Contractors	<a href="#">Storm water runoff - YouTube</a>	Post to SW website as part of site revisions		
6	Elected Officials Update at Public Meeting	NA	NA	07/04/25	MS4	All	Agenda prepared by MS4 Coordinator			
6	General SW/MS4 Brochure	X		07/04/25	MS4	Public		Post to SW website as part of site revisions		
6	MS4 for Elected Officials Video			07/04/25	Online	Municipal	<a href="https://www.youtube.com/watch?v=bFwj5UkQ_Du">https://www.youtube.com/watch?v=bFwj5UkQ_Du</a>			

**TABLE C-4: LIST OF PUBLIC EVENTS**  
**MCM 1 & 2 - PUBLIC EDUCATION, OUTREACH, PARTICIPATION & INVOLVEMENT**

EVENT TITLE	PROVIDED BY	SCHEDULE	DATE(S) OCCURRED	TARGET AUDIENCE	EST. # OF ATTENDEES	DESCRIBE INFORMATION PROVIDED OR ACTIVITY CONDUCTED	OBJECTIVE MET? (Y/N)	BEHAVIORAL CHANGES OBSERVED? (Y/N)
County Commissioners Meetings	County	2/Month	24 total	Elected officials, public	Unknown	Review of local issues including storm water and public comments	Y	TBD
County Commissioners Meeting - Annual MS4 Program Update	County	Annually		Elected officials, public	Unknown	Provided MS4 program update to elected officials.	Y	TBD
Community SW Issue - Construction	MS4	Permit Term		Construction				
Community SW Issue - Residential	MS4	Permit Term		Residential				
Community SW Issue - Commercial/ Industrial	MS4	Permit Term		Commercial, industrial				
4H Fair Booth	SWCD	July		Public, visitors				
Tire Recycling Day	VCSWMD	10/08/22	10/08/22	Public	Unknown	Recycling event	Y	TBD
Paper Shredding Event	VCSWMD	09/30/22	09/30/22	Public	Unknown	Recycling event	Y	TBD
Electronics Recycling	VCSWMD	04/30/22	04/30/22	Public	Unknown	Recycling event	Y	TBD
Electronics Recycling	VCSWMD	07/16/22	07/16/22	Public	Unknown	Recycling event	Y	TBD
Electronics Recycling	VCSWMD	09/24/22	09/24/22	Public	Unknown	Recycling event	Y	TBD
Tox-Away Days	VCSWMD	04/16/22	04/16/22	Public	Unknown	Household hazardous waste collection event	Y	TBD
Tox-Away Days	VCSWMD	10/08/22	10/08/22	Public	Unknown	Household hazardous waste collection event	Y	TBD
Contractor's Workshop	Evansville/ Vanderburgh Co	TBD	04/05/22	Construction	120	Reviewed CSGP, erosion and sediment control measures, plan review, etc.	Y	TBD
Coordination Meeting for Rain Barrel Program	City of Evansville	Annually	01/25/22	Public	5	Review rain barrel program	Y	TBD
Rain Barrel Give Aways	City of Evansville	Seasonally, Monthly	04/08/22	Public	100	Provide rain barrels and education	Y	TBD
Rain Barrel Silent Auction	City of Evansville	Seasonally, Monthly	05/06/22	Public	200-300	Provide rain barrels and education	Y	TBD
Rain Barrel Silent Auction	City of Evansville	Seasonally, Monthly	06/03/22	Public	200-300	Provide rain barrels and education	Y	TBD
Rain Barrel Silent Auction	City of Evansville	Seasonally, Monthly	07/01/22	Public	200-300	Provide rain barrels and education	Y	TBD
Enviro Scape Demonstration	City of Evansville	Annually - Summer	07/28/22	Schools	8	Demonstration of how storm water runoff carries pollutants through a watershed and waterbodies.	Y	TBD
Rain Barrel Silent Auction	City of Evansville	Seasonally, Monthly	08/05/22	Public	200-300	Provide rain barrels and education	Y	TBD
Rain Barrel Give Aways	City of Evansville	Seasonally, Monthly	08/24/22	Public	200	Provide rain barrels and education	Y	TBD
Rain Barrel Silent Auction	City of Evansville	Seasonally, Monthly	09/02/22	Public	200-300	Provide rain barrels and education	Y	TBD
Enviro Scape Demonstration	City of Evansville	Annually - Fall	10/10/22	Schools	10	Demonstration of how storm water runoff carries pollutants through a watershed and waterbodies.	Y	TBD