



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) 234-1601 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 checked="" type="checkbox"/> 1st Permit Term	Permit Year <u>2022</u>
<input 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 0 052	Type of MS4: <input type="checkbox"/> City <input checked="" type="checkbox"/> Town <input type="checkbox"/> County <input type="checkbox"/> Non-traditional
2. MS4 Entity: Town of Whiteland <i>(Name of permit holder)</i>	
3. MS4 Operator: Joseph Sayler	
4. Mailing Address: 549 Main Street Whiteland, IN ZIP: 46184 County: Johnson County	
5. Email Address: towncouncil4@whitelandin.us	

PART B: GENERAL INFORMATION – MS4 COORDINATOR

6. MS4 Coordinator (<i>please print</i>): Brian Kramer
7. Person's Title: MS4 Coordinator
8. Mailing Address: 549 Main Street Whiteland, IN ZIP: 46184
9. Telephone Number: 317-535-5531
10. E-mail Address: stormwater@whitelandin.us

PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name: <i>(Provide this information if someone other than MS4 Operator or Coordinator completed this report.)</i>
12. Affiliation with the MS4:
13. Mailing Address: IN ZIP:
14. Telephone Number: Extension:
15. E-mail Address:

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")
See Exhibit 1 for the current MS4 area.
- c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.
A comprehensive update to the Town of Whiteland's SWQMP plan was completed by Commonwealth Engineers Inc. and submitted to Indiana Department of Environmental Management on December 28, 2022.
- d) Provide updated receiving water information completed during the reporting period if applicable.
The list of Whiteland's MS4 receiving waters remains unchanged during this reporting period. See Exhibit 2: Water Quality Characterization Report, created by Commonwealth Engineers Inc.
- e) Identify funding sources (utility fees, grants, enforcement fines etc) utilized for MS4 program implementation during this reporting period.
The Town of Whiteland has a Stormwater Management Board of three appointed officials, and we have a ERU system in charging Commercial, Industrial and Residential stormwater utility fees on the parcel owners monthly bill.
- f) Provide a list of new active industrial sites identified during this reporting period.
A current list of known active industrial facilities located within the MS4 area is included in the Exhibit 2: Water Quality Characterization Report
- g) Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial storm water) permits.
The Town does not currently own or operate any facilities requiring 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.
Not applicable
- i) Other:
Not applicable

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.

See Exhibits 6, 7 and 8 for documentation of all MCM activities conducted during the reporting period.

Partnerships - The Town maintains formal and informal relationships with regional governmental, non-profit and the Johnson County Recycle District. We are a part of the Johnson County Partnership for Water Quality and we meet every 2 to 3 months to discuss what we can do as a partnership to educate the public on Stormwater Quality. See Exhibit 8 for more information regarding this partnership.

Website - Maintain stormwater quality information on the town's website including a stormwater education page, contractor education, for construction phase runoff control and a Report-A-Polluter feature. These pages contain narrative information, links to other relevant websites, educational videos and other resources.

Stormwater Education Materials - Our Town of Whiteland Stormwater Department website has educational links for everyone to view that has access to the internet. During the visit to Whiteland High School our MS4 Coordinator shared a 10 question test and they were able to keep the test after the MS4 Coordinator gave them the answers after letting the kids try it for 10 minutes themselves. Greater Whiteland Community Day 2022: Town of Whiteland had a MS4 booth set up for local residents to come by and talk to the MS4 Coordinator for Whiteland. Twenty nine people visited the booth and looked over the poster boards of the history of the Clean Water Act and what a Illicit Discharge was and how it can be prevented, by picking up dog waste and grass clippings, along with so much more material. The MS4 Coordinator had conversations with residents about stormwater quality and had a game to guess the ounces of the sediment in the cup. A local resident won the Starbucks gift card for being the closest without going over in guessing the ounces.

Whiteland High School Agricultural Class Education: The MS4 Coordinator taught four classes in 2 days about the importance of keeping our water ways clean and how they can be proactive in keeping the waterways clean. The MS4 coordinator explained to them what a Illicit Discharge was, and also explained how to contain and dispose of chemical spills. The Agricultural teacher was happy for someone from the Town to come talk to her classes about the importance of clean streams and how keeping the waterways clean will save the wildlife, livestock and fish. There was 68 High school students that were in the 4 classes that was educated on Stormwater Quality.

Whiteland High School Career Day Education: The MS4 Coordinator was asked by the school to come and discuss the importance of having a MS4 Coordinator on staff in a Town or City. The MS4 Coordinator talked to 70 high school kids interested in being a environmentalist or civil engineer in stormwater quality. The presentation was 30 minutes per session and the topics ranged from what a Illicit Discharge was and how the MS4 Coordinator inspects sites that has erosion control measures onsite

Johnson County Recycle District - Currently they are doing public education thru social media, via Facebook, Website and Twitter. Town of Whiteland made up 1.8 percent of the viewers for the JCRD and viewed all the media pages available.

Johnson County Partnership for Water Quality - In February 2023 we held a contractor education for 55 people to come and listen to BAMwX, IDEM and Wessler Engineering speak at the Johnson County Historical Museum.

In April 2023 we are going to have a Creek and Neighborhood clean up day and in the later part of April 2023 we are going to have a trash day with New Whiteland, to bring in trash and other household items to dispose of at a local destination.

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

No implementation problems were encountered during this reporting period.

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

Additional BMPs above are listed in more detail on Exhibits 6, 7 and 8

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

Stormwater BMPs installed during this reporting period are listed on Exhibits 6, 7 and 8.

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

The Town maintains formal and informal relationships with regional governmental, non-profit and the Johnson County Recycle District. We are a part of the Johnson County Partnership for Water Quality and we meet every 2 to 3 months to discuss what we can do as a partnership to educate the public on Stormwater Quality. See Exhibit 8 for more information regarding this partnership.

- f) Other:

Not applicable

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 Town of Whiteland participates in a bi-weekly recycling program and a monthly heavy trash pickup through our trash services contractor. A total of 647 tons of recycling were picked up in 2021 and 2022.
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
No implementation problems were encountered during this reporting period.
- c) Describe program BMPs that went beyond those identified in the SWQMP.
Additional BMPs are listed in Exhibits 6, 7 and 8
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
Stormwater BMPs installed during this reporting period outlined above and listed in Exhibit 7
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
The Town maintains formal and informal relationships with regional governmental, non-profit and the Johnson County Recycle District. We are a part of the Johnson County Partnership for Water Quality and we meet every 2 to 3 months to discuss what we can do as a partnership to educate the public on Stormwater Quality. See Exhibit 8 for more information regarding this partnership
- f) Other:
Not applicable

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.).
Stormwater System Map – Town-owned storm sewer infrastructure, including regulated storm sewer outfalls, is mapped in the Town's Geographic Information System (GIS). All existing infrastructure was mapped during the first permit term and is continually updated through GPS field data collection, desktop correction, and the digitization of as-builts and other construction records as they become available.
The Town of Whiteland participates in a bi-weekly recycling program and a monthly heavy trash pickup through our trash services contractor. A total of 647 tons of recycling were picked up in 2021 and 2022.
The IDDE Ordinance and IDDE Plan will be revised in June 2023.
We are currently utilizing the current IDDE Plan and Ordinance that we have implemented since 2012, created by HWC Engineering Inc.
- b) Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.
No implementation problems were encountered during this reporting period
- c) Identify changes made to the IDDE Plan during this reporting period if applicable.
No changes have been made during this reporting period.
- d) Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.
No changes have been made during this reporting period.
- 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 known Town-owned storm sewer conveyances and regulated outfalls have been mapped and dry weather screening is ongoing for new infrastructure as development occurs.
- f) Other:
Not applicable

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 Town of Whiteland MS4 Coordinator ensures the proper erosion and sediment control efforts are implemented and monitored on all construction sites. There is constant communication between MS4 Coordinator and developers to ensure that the roadways are kept clean from sediment tracking onto public streets.

Inspection and Enforcement – Routine inspections are conducted of all active permitted construction sites for compliance with construction-phase and post-construction requirements. Town of Whiteland utilizes the Schneider GeoPermits program to track inspections and create reports for site visits ranging from 0.50 inch Rainfall inspections to Monthly Construction Inspections.

Plan Review, Site Inspection, and Enforcement – All new development and construction projects subject to local permitting requirements are reviewed for compliance with the Stormwater Ordinance and Technical Standards Manual which meets the minimum requirements of 327 IAC 15-5 (Rule 5) for Stormwater Pollution Prevention Plans (SWPPPs).

Town of Whiteland has Construction Ordinances in place that were passed by the Town Council, which is on American Legal website for additional information.

Staff Training- The MS4 Coordinator provides annual training to appropriate departmental employees and provides them knowledge in Spill Containment, IDDE, and items to look for in the field that will help us as a town to prevent containments from getting into our waterways in the Town of Whiteland. Our MS4 Coordinator started here in April 2022, and was certified in MS4 CEI in August 2022. The MS4 Coordinator was in attendance at the Annual IDEM MS4 Conference in 2022 and is registered to be there in May 2023. The MS4 Coordinator is implementing the ArcGIS Online to map out the Town of Whiteland Stormwater Conveyance system.

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

Currently the Town of Whiteland is partnered with JCPWQ and meets every 2 to 3 months to discuss contractor education and how we can implement our partnership to help educate contractors and developers regarding sediment and erosion control. In February 2023, there was 55 people from contractors in the area that came to listen to IDEM, Wessler Engineering and BAMwX talk about the New General Permit for MS4 communities. They educated everyone on solid waste containment, vegetation buffers and the reason to be proactive on getting erosion control measures down onsite as soon as possible. JCPWQ is planning to meet bimonthly and we are to discuss more contractor education opportunities for our communities.

- 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.

Currently the MS4 Coordinator has 10 to 12 sites on average to inspect for stormwater management construction. If and when the MS4 Coordinator sees a deficiency the coordinator is contact with the developer immediately thru email and by phone. The MS4 Coordinator will send pictures and inspection form to the developer to let them know what needs to be corrected by the next inspection visit, or by the timeframe the developer is given to get it corrected.

- d) Identify the number and types of training opportunities that were provided to contractors, developers, and builders during this permit period.

Training is routinely provided informally to contractors through onsite inspections, pre-construction meetings and construction and permitting-related correspondence

- 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 Coordinator is primarily responsible for SWPPP review and generally ensuring that projects meet Stormwater Program requirements. The MS4 Coordinator is a MS4 Compliance and Enforcement Certified Inspector (MS4 CEI)

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

The Stormwater Technical Standards Manual was updated in 2014

- g) Other:

Not applicable

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.

Operation and Maintenance Manuals – Operation and Maintenance Manuals and Owner Acknowledgement Agreements are required for all new development and construction projects where post-construction BMPs are installed. The Manuals and Agreements are recorded with the deed for the property on which BMPs are installed to ensure these practices are properly maintained in perpetuity. Plan Review, Site Inspection, and Enforcement – All new development and construction projects subject to local permitting requirements are reviewed for compliance with the Stormwater Ordinance and Technical Standards Manual. This includes both construction and post-construction phase stormwater pollution prevention. Projects are inspected routinely throughout construction and post-construction BMPs are inspected prior to permit release to ensure that they are properly constructed and free of construction-related material.

Inspection and Enforcement – Inspections of new post-construction BMPs are conducted at the time of installation and again at the time of permit release. Local Stormwater Management Permits are not terminated until BMPs are verified as functioning and free of construction-related material. The Town has begun conducting routine inspections of select post-construction BMPs after construction is complete to ensure perpetual maintenance.

Erosion and Sediment Control and Post-Construction BMP Tracking Database – Town of Whiteland implements using Schneider GeoPermits program to track Post Construction projects in the area ranging from Residential, Commercial and Warehouse sites.

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

No implementation problems were encountered during the reporting period.

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

See exhibits 6, 7 and 8 for a summary of MCM during the permitting period.

- 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.

MS4 Coordinator is primarily responsible for SWPPP review and generally ensuring that projects meet Stormwater Program requirements. The MS4 Coordinator is a MS4 Compliance and Enforcement Certified Inspector (MS4 CECI)

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

The Stormwater Technical Standards Manual was updated in 2014

- f) Other:

Not applicable

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.
Town of Whiteland updated the SWQMP and submitted it to IDEM in late December 2022. The Fire Department, WWTP and Street Garage have updated SWPPP plans that are in Exhibits 3,4 and 5.
Annual Good Housekeeping, and Pollution Prevention Staff Training is given to the appropriate departmental staff.
Stormwater Pollution Prevention Plans (SWPPPs) – All Town-owned facilities have been evaluated for the need for SWPPPs and plans have been developed and implemented for all such facilities as deemed warranted by Town staff. Facilities include the Street Garage, Fire Station, the Wastewater Treatment Plan.
Street Sweeping Program – Through a combination of contractors and in-house sweeping efforts, we have removed a lot of tonnage from the Town of Whiteland public roadways.
Maintenance Schedules and Database – All maintenance activities for town-owned BMPs are tracked including the amount of material collected and disposal method
MS4 Conveyance System Maintenance – Inspection and maintenance of the MS4 conveyance system is performed as areas are prioritized and staff and other resources allow. All conveyance system maintenance activities are tracked either through the Street and Stormwater Department's GIS-based Work Order system or separately through the MS4 tracking database
- 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.
No implementation problems were encountered during the reporting period.
- c) Identify storm water BMPs installed or initiated at MS4 owned and operated facilities.
See Exhibit 9 for additional information about the MCM
- d) Identify and describe appropriate storm water training provided to MS4 employees. Employees are required to have a minimum training once per year.
Training was provided in February 2023 for appropriate departmental staff and was given a 30 minute powerpoint. Afterwards the MS4 Coordinator gave them a 7 question quiz relating to IDDE, SWPPP and Spill Containment.
- e) Other:

Exhibits:

- Exhibit 1: MS4 Boundary Map
- Exhibit 2: Water Quality Characterization Report
- Exhibit 3: Fire Department SWPPP
- Exhibit 4: WWTP SWPPP
- Exhibit 5: Street Garage SWPPP
- Exhibit 6: Summary of MCM Activities
- Exhibit 7: Public Education and Public Outreach events
- Exhibit 8: Johnson County Partnership of Water Quality meetings information
- Exhibit 9: Good Housekeeping Inspections for Town Facilities

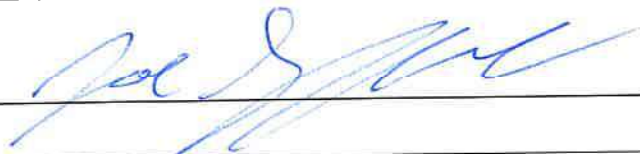
PART K: CERTIFICATION AND SIGNATURE

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: Joseph Sayler

Signature: _____



3-24-23
(mm/dd/yyyy)