

2022 Annual Report MS4 Program



Prepared for:

**Town of Edinburgh
107 S. Holland St.
Edinburgh, IN 46124**

By:



More than a Project™

6219 South East Street
Indianapolis, IN 46227
www.wesslerengineering.com

April 2023



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	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 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	026	Type of MS4:
2. MS4 Entity:	Town of Edinburgh (Name of permit holder)					<input type="checkbox"/> City <input checked="" type="checkbox"/> Town <input type="checkbox"/> County <input type="checkbox"/> Non-traditional
3. MS4 Operator:	Ryan Piercefield, Town Council President					
4. Mailing Address:	107 S. Holland Street, P.O. Box 65 Edinburgh, IN ZIP: 46124 County: Johnson/Bartholomew/Shelby					
5. Email Address:	rpiercefield@edinburgh.in.us					

PART B: GENERAL INFORMATION – MS4 COORDINATOR

6. MS4 Coordinator (please print):	Mary Patterson
7. Person's Title:	Director of Administrative Services
8. Mailing Address:	107 S. Holland Street, P.O. Box 65 Edinburgh, IN ZIP: 46124
9. Telephone Number:	812-526-3510
10. E-mail Address:	mpatterson@edinburgh.in.us

PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name:	Nancy Cho (Provide this information if someone other than MS4 Operator or Coordinator completed this report.)
12. Affiliation with the MS4:	Consultant
13. Mailing Address:	6219 South East Street Indianapolis, IN ZIP: 46227
14. Telephone Number:	317-788-4551 Extension:
15. E-mail Address:	nancyc@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.
N/A
- 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 to MS4 area boundaries. Refer to attached Figure 1.
- c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.
N/A
- d) Provide updated receiving water information completed during the reporting period if applicable.
N/A
- e) Identify funding sources (utility fees, grants, enforcement fines etc) utilized for MS4 program implementation during this reporting period.
Local funding/taxes.
- f) Provide a list of new active industrial sites identified during this reporting period.
N/A (No new industrial sites)
- g) Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial storm water) permits.
N/A (None)
- h) Provide a summary of complaints received and follow-up investigation results related to storm water quality issues during this reporting period.
1 call reported possible sewage in the storm drain system. The call was investigated and resolved by the Town.
17 calls were related to sanitary sewer issues, which were all investigated and resolved by the Town.
- i) Other:
N/A

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 Town of Edinburgh has revised its Storm Water Quality Management Plan (SWQMP) for this MCM to include all the requirements of the new MS4GP.

The Town provided educational information on the website regarding proper disposal of yard waste and collected 600 cubic yards of limbs and yard waste.

Watershed Educational Information: The Consumer Confidence Report (CCR) was distributed to all water customers, available online, and available at the Town Hall. The CCR includes educational information on storm water.

A storm water pamphlet was included in all utility bills in August 2022. 2,500 were distributed by mail and additional copies were displayed at the Town Hall.

The Edinburgh website (www.edinburgh.in.us) contains storm water information under "Keep Our Waterways Clean" and was maintained in 2022.

The Town Facebook page posted 8 storm water messages in 2022.

Industrial inspections are conducted bi-annually. An Industrial Facility Storm Water flyer was created and distributed to each facility in 2022.

The Johnson County Partnership for Water Quality (JCPWQ) website (www.jccleanwater.org) has a variety of storm water information available to the public. JCPWQ is also on Facebook where had 14 storm water posts and was viewed 108 times.

Johnson County Soil and Water Conservation District (SWCD) published biannual newsletters (Conservation Times) and provided to interested landowners and residents.

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

N/A

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

N/A

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

N/A

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

The Town of Edinburgh is a member of the Johnson County Partnership for Water Quality (JCPWQ) and participates in regular meetings and activities organized by the Partnership. Six meetings were held in 2022.

- f) Other:

N/A

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 Edinburgh has revised its Storm Water Quality Management Plan (SWQMP) for this MCM to include all the requirements of the new MS4GP.
Edinburgh conducted monthly heavy trash pickup in 2022. These events were advertised on the Town web page and on Facebook. The Johnson County Recycling District (JCRD) and the Johnson County Soil and Water Conservation District (SWCD), in association with the JCPWQ presented educational workshops on composting, make-and-take rain barrels, and repurposing. The Johnson County SWCD held native tree and shrub sales in 2021 and 2022, several invasive species removal events, installed a native seed library, held a native seed collection event (10/6/2021), held a plant identification class (9/1/2021), conducted a weed wrangle (4/22/2022), and held an invasive species strike team event monthly May - September 2022.
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
N/A
- c) Describe program BMPs that went beyond those identified in the SWQMP.
Edinburgh partnered with the Johnson County Recycling District and now offers recycling for paper, glass, aluminum and plastic at the Wastewater Treatment Plant.
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
N/A
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
The Town of Edinburgh is a member of the JCPWQ and participates in regular meetings and activities organized by the Partnership. Six meetings were held in 2022.
- f) Other:
N/A

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 storm sewer mapping has been maintained in the online mapping application (Ziptility). This includes storm sewer locations and pipe sizes, combined sewers, dry wells, catch basins, storm sewer inlets, and outfalls. The Town is utilizing its Work Order Process to record and follow up on storm water-related public complaints. The Johnson County Recycling District, Bartholomew County Solid Waste Management District (SWMD) and the Shelby County SWMD held several collection events maintained drop-off areas for household hazardous waste.
- b) Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.
N/A
- c) Identify changes made to the IDDE Plan during this reporting period if applicable.
The Town of Edinburgh has revised its Storm Water Quality Management Plan (SWQMP) for this MCM to include all the requirements of the new MS4GP.
- d) Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.
The Town has begun to review its IDDE ordinance and plans to adopt a revised ordinance by July 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.
All known outfalls and storm sewers have been mapped. Mapping and maintenance are being updated continuously through the Ziptility application.
- f) Other:
N/A

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 Edinburgh has revised its Storm Water Quality Management Plan (SWQMP) for this MCM to include all the requirements of the new MS4GP.
The Town requires developers and contractors to adhere to its construction site storm water runoff control ordinance and standards.
- b) Describe program implementation partnerships and explain successes and barriers during this reporting period.
The Town contracts an engineering consultant to maintain compliance with this MCM.
- 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.
Five construction sites were permitted in 2022. The Building and Zoning Department conducted inspections and followed up with contractors on six occasions to ensure compliance. No enforcement actions were necessary.
- d) Identify the number and types of training opportunities that were provided to contractors, developers, and builders during this permit period.
The Town provides building permit information on its website. Additional information on individual lot development and general construction site BMPs were added in 2022. Additionally, the JCPWQ provides storm water educational materials on its website and informational posts on its Facebook page.
- 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.
An engineering consultant conducts plan review and inspection on behalf of the Town. Engineering consultant personnel are adequately trained regarding activities conducted. Building and Zoning Department staff completed online training and completed training checklists. All plan reviewers and inspectors attended an IDEM audit and a construction site visit with IDEM in 2022.
- f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.
The Town has begun to review its Storm Water Management ordinance and plans to adopt a revised ordinance by July 2024.
- g) Other:
N/A

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 Town of Edinburgh has revised its Storm Water Quality Management Plan (SWQMP) for this MCM to include all the requirements of the new MS4GP.
The Town requires developers and contractors to adhere to its Post Construction Site Storm Water Runoff Control Ordinance and Standards. No post construction structural BMPs were installed or inspected during this reporting period.
An infiltration trench and basin were installed at the new Edinburgh Fire Department.
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility during this reporting period.
N/A
- c) Describe program implementation partnerships and explain successes and barriers.
The Town contracts an engineering consultant to maintain compliance with this MCM.
- 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.
An engineering consultant conducts plan review and inspection on behalf of the Town. Engineering consultant personnel are adequately trained regarding activities conducted. Building and Zoning Department staff completed online training and completed training checklists.
- e) Identify updates or revisions to the post-construction storm water ordinance or other regulatory mechanism made during this reporting period.
The Town has begun to review its Storm Water Management Ordinance and plans to adopt a revised ordinance by July 2024.
- f) Other:
N/A

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 Town of Edinburgh has revised its Storm Water Quality Management Plan (SWQMP) for this MCM to include all the requirements of the new MS4GP.

In 2022, catch basin cleaning, ditch stabilization, MS4 conveyance cleaning, and outfall scouring repair were all conducted on an as-needed basis. Catch basin cleaning occurred at 864 locations and resulted in removal and proper disposal of approximately 24 truck loads of debris. Repair of six inlets and catch basins was conducted.

In 2021, used oil (49 gallons) and oily water (330 gallons) were collected from all municipal departments and disposed of properly by Heritage-Crystal Clean. No disposal was necessary in 2022.

In 2022, 290.5 cubic yards (CY) of municipal litter pick up was conducted by the Parks Department.

In the 2021/2022 winter season, 300 CY of deicing material was applied to roadways.

In 2022, pesticide and fertilizer use at the Town golf course was tracked according to operator, equipment used, volume, application rate, and location. Golf course operators hold Office of the Indiana State Chemist (OISC) licenses.

In 2021/2022, 260 CY of debris was removed from roadways through street sweeping activities.

In 2021 the Electric Department recycled 41 light bulbs. No light bulb disposal was necessary in 2022.

Limb removal was conducted by the Street Department every Monday and half days on Fridays. Leaf removal was conducted October through January and taken to the yard waste facility. These efforts resulted in 600 CY removed in 2022.

Storm water inspections were completed by an outside consultant at each municipal facility in July 2022. Each Town Department maintains a SWPPP and conducts regular self-inspections.

- 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.

N/A

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

An infiltration trench and basin were installed at the new Edinburgh Fire Department.

- 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 conducted for all Wastewater, Building and Zoning, Electric Dept., and Fire Dept. employees in 2022 through distribution of checklists for review and signature.

- e) Other:

N/A

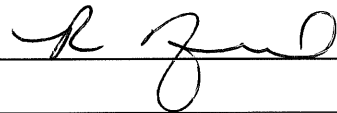
PART K: CERTIFICATION AND SIGNATURE

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: Ryan Piercefield, Town Council President

Signature: _____

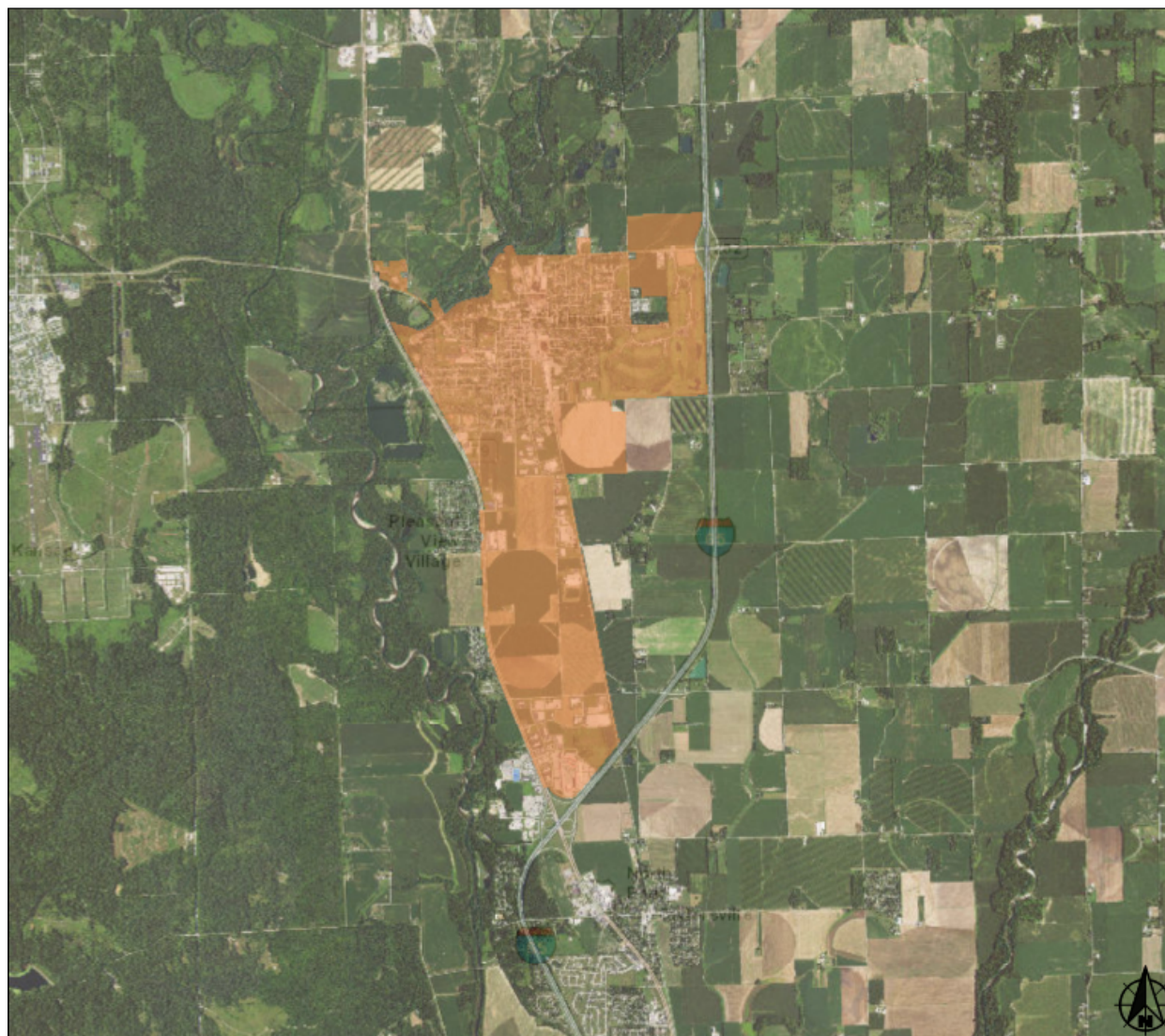


3/8/23
(mm/dd/yyyy)

TOWN OF EDINBURGH – MS4 PROGRAM

ATTACHMENT 1

Current MS4 Boundary Map



Source: IndianaMap

0 2 mi

IndianaMAP

EXHIBIT A-1: MS4 BOUNDARY MAP