



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 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 0 024	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 Bargersville (Name of permit holder)		
3. MS4 Operator:	Susie Qualls, Town Council President		
4. Mailing Address:	24 North Main Street P.O. Box 420 Bargersville, IN ZIP: 46106 County: Johnson		
5. Email Address:	squalls@townofbargersville.org		

PART B: GENERAL INFORMATION – MS4 COORDINATOR

6. MS4 Coordinator (please print):	Joe Csikos
7. Person's Title:	Director of Development
8. Mailing Address:	24 North Main Street P.O. Box 420 Bargersville, IN ZIP: 46106
9. Telephone Number:	317-422-5115
10. E-mail Address:	jcsikos@townofbargersville.org

PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name:	Jacob Barker, Wessler Engineering (Provide this information if someone other than MS4 Operator or Coordinator completed this report.)		
12. Affiliation with the MS4:	Environmental Consultant		
13. Mailing Address:	6219 South East Street Indianapolis, IN ZIP: 46227		
14. Telephone Number:	317-788-4551	Extension:	
15. E-mail Address:	jacobb@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. The Town of Bargersville is not a co-permittee.
- b) Identify changes to the MS4 area boundaries, including areas added to or lost to the MS4 area via annexation or other similar means. Provide a current map (8.5" X 11" or 8.5" X 14")
No changes to the MS4 boundaries occurred during the reporting period. Refer to the attached Town of Bargersville Corporate Limits Map.
- c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.
An updated water quality characterization report will be submitted to IDEM on 04/01/2023.
- d) Provide updated receiving water information completed during the reporting period if applicable.
No changes to receiving water information was necessary during the reporting period. Refer to the attached Town of Bargersville Receiving Waters Map.
- e) Identify funding sources (utility fees, grants, enforcement fines etc) utilized for MS4 program implementation during this reporting period.
Refer to the attached Town of Bargersville Funding Sources.
- f) Provide a list of new active industrial sites identified during this reporting period.
Refer to the attached Town of Bargersville Inventory of Industrial Facilities.
- g) Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial storm water) permits.
No Town-owned facilities are regulated by Rule 6.
- h) Provide a summary of complaints received and follow-up investigation results related to storm water quality issues during this reporting period.
The Town of Bargersville posted the Stormwater Hotline telephone number to the Town's website in 2013. Since that time, the Town has developed a formal process for receiving, tracking, and responding to stormwater complaints. Complaints are compiled by the nature of the problem (flooding, erosion, water quality, dumping, construction site, or other). Refer to the attached Measurable Goals and Programmatic Indicators Table for a summary of complaints and follow-up investigation results.
- i) Other:
For additional information refer to the attached Measurable Goals and Programmatic Indicators 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.
Refer to the attached Measurable Goals and Programmatic Indicators Table.
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
No significant implementation problems were encountered for this MCM during the reporting period.
- c) Describe program BMPs that went beyond those identified in the SWQMP.
Refer to the attached Measurable Goals and Programmatic Indicators Table.
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
No new stormwater BMPs were installed or initiated for this MCM during the reporting period.
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
Refer to the attached Measurable Goals and Programmatic Indicators Table. The Town of Bargersville is a member of the JCPWQ, which includes the City of Franklin, the City of Greenwood, the Town of Whiteland, the Town of New Whiteland, the Town of Edinburgh, Johnson County, the Johnson County Soil and Water Conservation District (SWCD), and the Johnson County Recycling District (JCRD). Successes include, but are not limited to the following: JCPWQ collaboration to provide stormwater education. Barriers include, but are not limited to the following: conflicting schedules and budget constraints.
- f) Other:
For additional information refer to the attached Measurable Goals and Programmatic Indicators 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.
Refer to the attached Measurable Goals and Programmatic Indicators Table.
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
No significant implementation problems were encountered for this MCM during the reporting period.
- c) Describe program BMPs that went beyond those identified in the SWQMP.
Refer to the attached Measurable Goals and Programmatic Indicators Table.
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
No new stormwater BMPs were installed or initiated for this MCM during the reporting period.
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
As described in Part E, the Town of Bargersville is a member of the JCPWQ. Successes include, but are not limited to the following: JCPWQ collaboration to provide stormwater education. Barriers include, but are not limited to the following: conflicting schedules and budget constraints.
- f) Other:
For additional information refer to the attached Measurable Goals and Programmatic Indicators 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.).
Refer to the attached Measurable Goals and Programmatic Indicators Table, the Town of Bargersville Outfalls and Receiving Waters Inventory, and the Town of Bargersville Outfall Map.
- b) Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.
No significant implementation problems were encountered during the reporting period. Therefore, no significant changes were made.
- c) Identify changes made to the IDDE Plan during this reporting period if applicable.
No changes to the IDDE Plan were necessary during the reporting period. Therefore, no significant changes were made.
- d) Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.
No significant IDDE ordinance updates or revisions were necessary during the reporting period. The IDDE ordinance is reviewed at least once each 5-year permit period. The IDDE ordinance is revised as necessary.
- 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.
Refer to the attached Town of Bargersville Outfalls and Receiving Waters Index and the Town of Bargersville Outfall Map. All known outfalls have been identified and mapped. The Town plans to conduct visual inspections of all outfalls within the current five-year permit term.
- f) Other:
For additional information refer to the attached Measurable Goals and Programmatic Indicators 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.
Refer to the attached Measurable Goals and Programmatic Indicators Table.
- b) Describe program implementation partnerships and explain successes and barriers during this reporting period.
Construction projects, owned and operated by the Town of Bargersville, that disturb one or more acres of land, are submitted to the Johnson County SWCD for erosion and sediment control review.
- 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.
Between January 1, 2022 and December 31, 2022, six construction projects were permitted meeting the requirements of the Construction Stormwater General Permit (CSGP). The Town assesses construction sites for erosion and sediment control measures via a pass-fail evaluation with the Town's Building Inspector(s). If erosion and sediment control measures have not been installed and/or maintained per the approved Erosion Plan, the site is automatically assigned a failing evaluation. Construction sites must receive a passing evaluation to resume progress of construction activities. Deficiencies identified during evaluations are relayed to the contractor.
- d) Identify the number and types of training opportunities that were provided to contractors, developers, and builders during this permit period.
Educational materials are available at the Town Hall where building permits are issued.
- 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 personnel responsible for plan review, inspection, and enforcement of construction activities receive annual training in a variety of methods, including annual stormwater local planning team meetings, attendance at the annual MS4 conference, contractor's workshops, and other in-house training.
- f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.
No updates or revisions to the stormwater construction ordinance or other regulatory mechanisms were necessary during the reporting period. Therefore, no changes were made.
- g) Other:
For additional information refer to the attached Measurable Goals and Programmatic Indicators 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.
Refer to the attached Measurable Goals and Programmatic Indicators Table.
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility during this reporting period.
No significant implementation problems were encountered during the reporting period. Therefore, no changes were made.
- c) Describe program implementation partnerships and explain successes and barriers.
The Town of Bargersville conducts annual stormwater local planning team meetings. Meeting attendees included representatives from the Street Department, Utilities Department, and Building Department, as well as the Town's GIS analyst, MS4 Operator, Town administrators, and environmental consultant (Wessler Engineering). Post construction stormwater quality is discussed and structural BMPs are identified and inventoried at annual stormwater local planning team meetings.
- 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 personnel responsible for the implementation of the post-construction minimum control measures receive annual training in a variety of methods, including annual stormwater local planning team meetings, attendance at the annual MS4 conference, contractor's workshops, and other in-house training.
- e) Identify updates or revisions to the post-construction storm water ordinance or other regulatory mechanism made during this reporting period.
No updates or revisions to the post-construction stormwater ordinance or other regulatory mechanisms were necessary during the reporting period.
- f) Other:
For additional information refer to the attached Measurable Goals and Programmatic Indicators 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.
Refer to the attached Measurable Goals and Programmatic Indicators 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.
No significant implementation problems were encountered during the reporting period. Therefore, no changes were necessary.
- c) Identify storm water BMPs installed or initiated at MS4 owned and operated facilities.
A stormwater separator and dry detention basin were installed at the Town's new Police Station in 2022.
- d) Identify and describe appropriate storm water training provided to MS4 employees. Employees are required to have a minimum training once per year.
MS4 personnel responsible for the implementation of the municipal operations pollution prevention and good housekeeping minimum control measure receive stormwater pollution prevention training each year at MS4 local planning team meetings and during municipal facility SWPPP evaluations. During the reporting period, MS4 local planning team meeting was held on April 27, 2022 and SWPPP evaluations were conducted on August 10, 2022.
- e) Other:
For additional information refer to the attached Measurable Goals and Programmatic Indicators 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: Susie Qualls

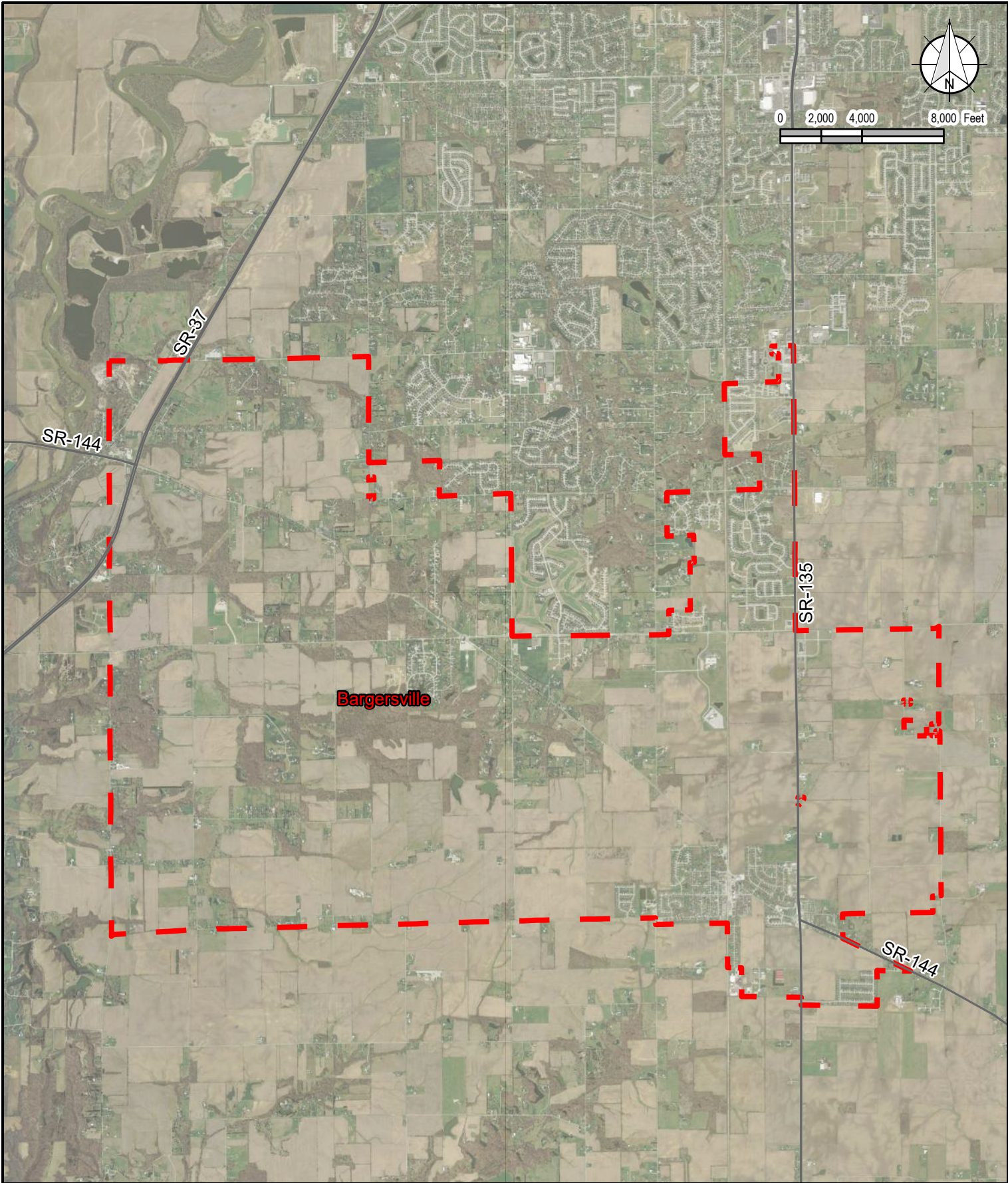
Signature: 
Susie Qualls (Apr 3, 2023 09:23 EDT)

04/03/2023



(mm/dd/yyyy)

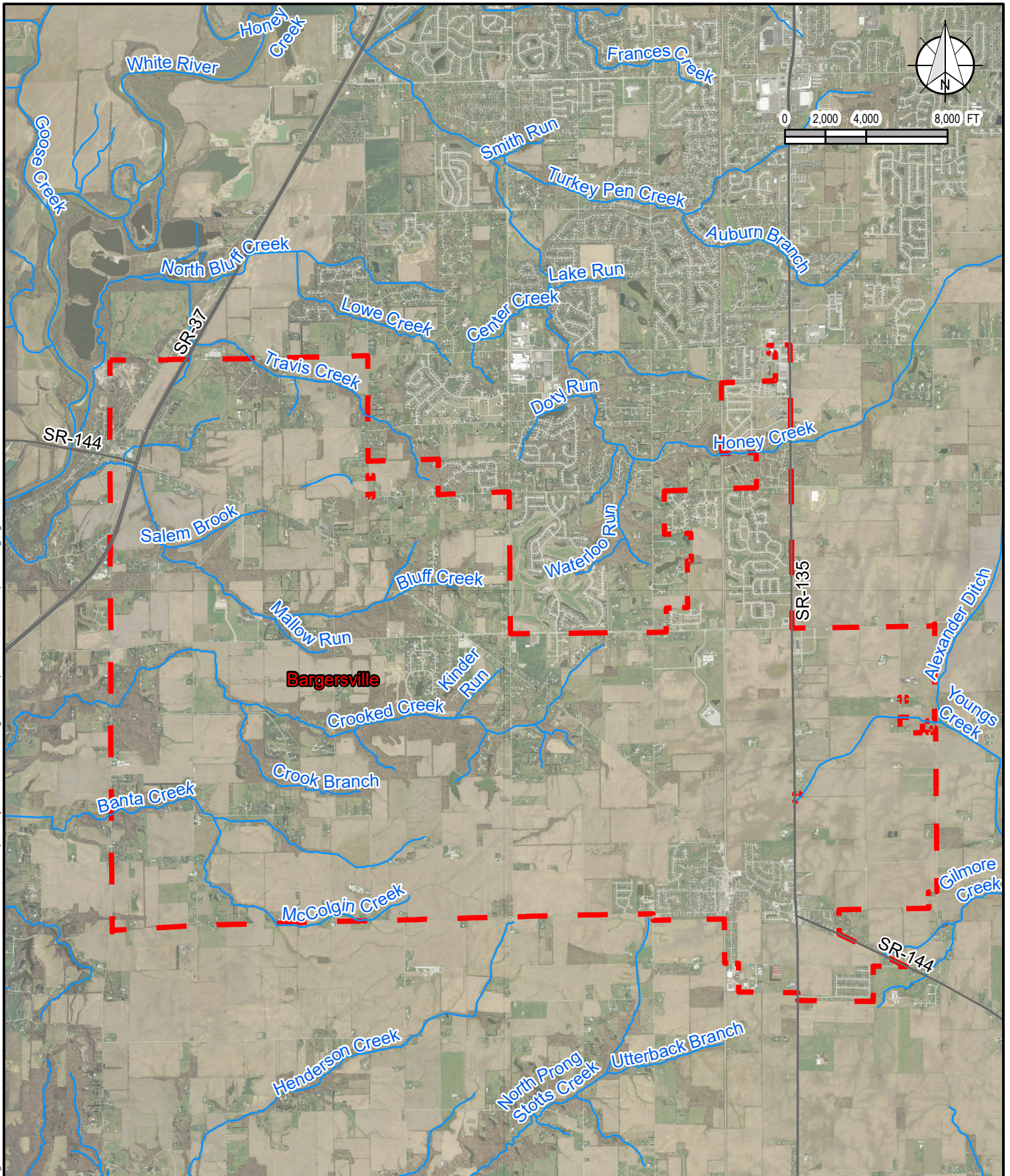
ATTACHMENTS

- Town of Bartersville Corporate Limits Map
- Town of Bartersville Receiving Waters Map
- Town of Bartersville Outfalls and Receiving Waters Index
- Town of Bartersville Outfall Map
- Town of Bartersville Funding Sources
- Town of Bartersville Inventory of Industrial Facilities
- Measurable Goals and Programmatic Indicators Summary



Legend

-  MS4 Boundary
-  Highways



Legend

- Streams (NHD)
- ┌ ┐ MS4 Boundary
- Highways

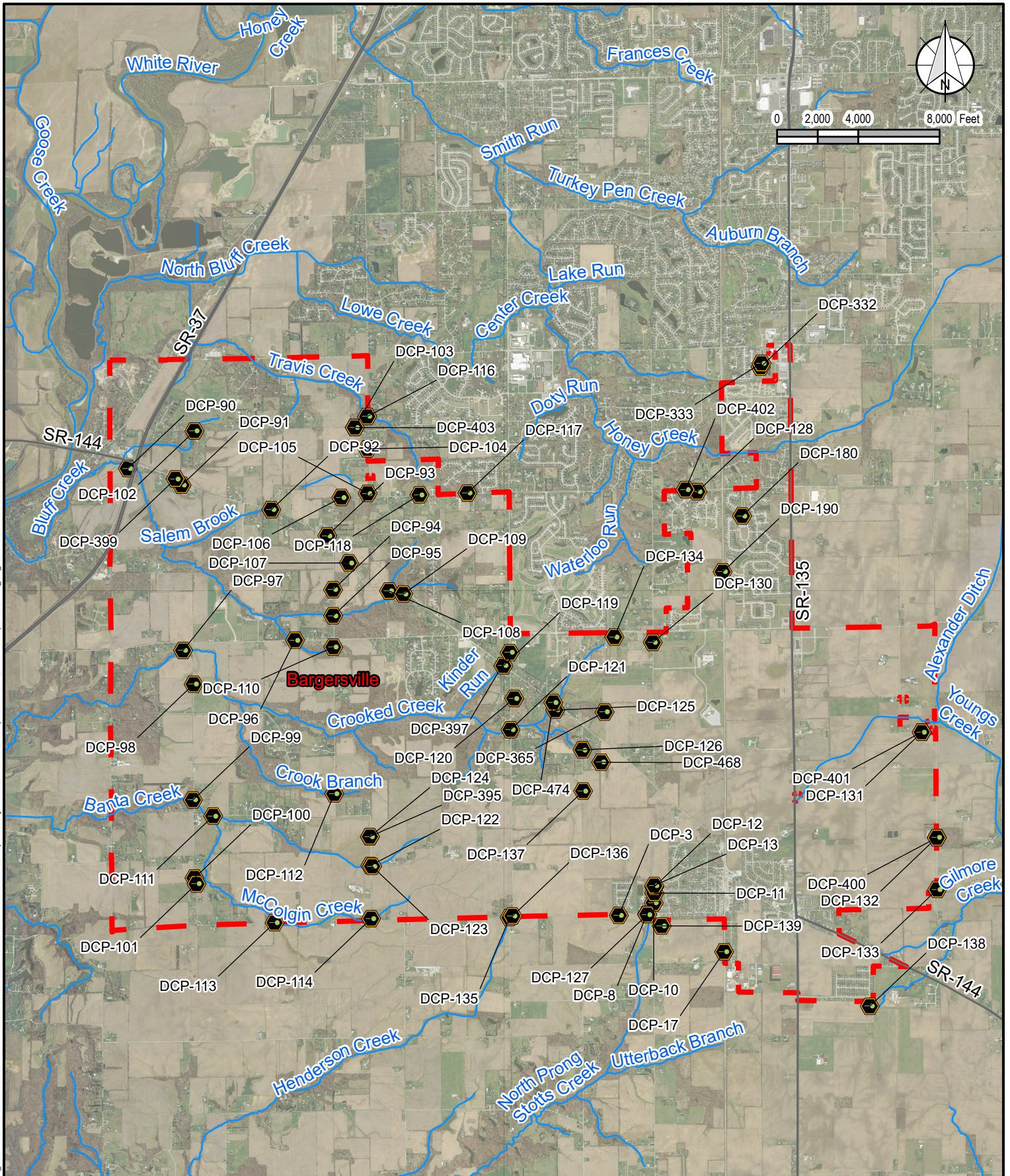
FIGURE A-2
RECEIVING WATERS MAP

Outfalls and Receiving Waters Index
Town of Bargersville MS4 Program
Stormwater Quality Management Plan

OUTFALL	RECEIVING WATER	303(d)	TMDL
WR-081	Alexander Ditch	E. coli	Youngs Creek WMP
WR-011	Banta Creek	E. coli	N/A
WR-024	Banta Creek	E. coli	N/A
WR-037	Banta Creek	E. coli	N/A
WR-039	Banta Creek	E. coli	N/A
WR-002	Bluff Creek	N/A	N/A
WR-003	Bluff Creek	N/A	N/A
WR-005	Bluff Creek	N/A	N/A
WR-007	Bluff Creek	N/A	N/A
WR-014	Bluff Creek	N/A	N/A
WR-019	Bluff Creek	N/A	N/A
WR-021	Bluff Creek	N/A	N/A
WR-028	Bluff Creek	N/A	N/A
WR-025	Crook Branch	E. coli	N/A
WR-009	Crooked Creek	E. coli	N/A
WR-010	Crooked Creek	E. coli	N/A
WR-022	Crooked Creek	E. coli	N/A
WR-035	Crooked Creek	E. coli	N/A
WR-036	Crooked Creek	E. coli	N/A
WR-056	Crooked Creek	E. coli	N/A
WR-057	Crooked Creek	E. coli	N/A
WR-073	Crooked Creek	E. coli	N/A
Country Meadows	Gilmore Creek	E. coli	Youngs Creek WMP
WR-082	Gilmore Creek	E. coli	Youngs Creek WMP
WR-140	Henderson Creek	N/A	N/A
WR-141	Henderson Creek	N/A	N/A
WR-070	Honey Creek	N/A	N/A
WR-071	Honey Creek	N/A	N/A
WR-135	John Park Ditch	E. coli	N/A
WR-034	Kinder Run	E. coli	N/A

Outfalls and Receiving Waters Index
Town of Bargersville MS4 Program
Stormwater Quality Management Plan

OUTFALL	RECEIVING WATER	303(d)	TMDL
WR-008	Mallow Run	N/A	N/A
WR-023	Mallow Run	N/A	N/A
WR-012	McCoglin Creek	E. coli	N/A
WR-013	McCoglin Creek	E. coli	N/A
WR-026	McCoglin Creek	E. coli	N/A
WR-027	McCoglin Creek	E. coli	N/A
Parkview	North Prong Stotts Creek	N/A	N/A
Southway North	North Prong Stotts Creek	N/A	N/A
Southway Central	North Prong Stotts Creek	N/A	N/A
Southway South	North Prong Stotts Creek	N/A	N/A
South Street	North Prong Stotts Creek	N/A	N/A
Morris Meadows South	North Prong Stotts Creek	N/A	N/A
Morris Meadows East	North Prong Stotts Creek	N/A	N/A
Plummer	North Prong Stotts Creek	N/A	N/A
WR-058	North Prong Stotts Creek	N/A	N/A
Three Notch Village	Roberts Ditch	E. coli	Youngs Creek WMP
WR-080	Roberts Ditch	E. coli	Youngs Creek WMP
WR-148	Roberts Ditch	E. coli	Youngs Creek WMP
WR-004	Salem Brook	N/A	N/A
WR-017	Salem Brook	N/A	N/A
WR-018	Salem Brook	N/A	N/A
WR-015	Travis Creek	N/A	N/A
WR-016	Travis Creek	N/A	N/A
WR-029	Travis Creek	N/A	N/A
WR-032	Travis Creek	N/A	N/A
WR-033	Travis Creek	N/A	N/A



FUNDING SOURCES

Municipal Separate Storm Sewer System (MS4) General Permit (MS4GP)
Stormwater Quality Management Plan, Town of Bargersville, Indiana

Primary Funding Sources for Permit Application and Program Implementation

- Stormwater Utility user fees
- Town and municipal annual budgets
- Permit application, plan review, and inspection fees for construction projects

Other Possible Funding Sources for Permit Compliance and Plan Implementation

- Local Funding
- Local Bonds
- Taxes - General Fund
- State Revolving Fund Loan - for capital improvement projects
- USDA Rural Development - for capital improvement projects
- Federal Road Funds - for road drainage projects
- U.S. Army Corps of Engineers - for flood control projects
- Economic Development Corporation - for projects related to economic development

Contact State Legislature and/or Federal Congresspersons for alternate funding sources.

Inventory of Industrial Facilities
Town of Bargersville MS4 Program
Water Quality Characterization Report

NAME	NPDES ID	ADDRESS (Bargersville, IN)	LATITUDE	LONGITUDE	SIC CODE	FACILITY DESCIPTION	RECEIVING WATER
Bargersville Municipal WWTP	IN0022314	600 West Old South Street	39.5215	-86.17761	4952	Sewerage System	North Prong Stotts Creek
Cabinets by Nichols, Inc.	N/A	40 West Old Plank Road	39.5259	-86.16795	2434	Wood Kitchen Cabinet	Youngs Creek - Roberts Ditch
Jerry L. Bennett DBA: Bennett Trucking	N/A	3970 West 100 North	39.4907	-86.176348	N/A	Trucking, Freight	North Prong Stotts Creek
Oak Hills WWTP	N/A	7592 North Banta Road	39.5434	-86.251095	6552	Land Subdividers and Developers, Except Cemeteries	Crooked Creek - Banta Creek

Best Management Practice (BMP) Description		PI	MG	2022
Public Education and Outreach				
1	The Johnson County Recycling District (JCRD) and the Johnson County Soil and Water Conservation District (SWCD), in association with the Johnson County Partnership for Water Quality (JCPWQ) and the Town of Bargersville, will provide educational programs to students and adults in area schools and organizations focusing on pollution prevention by community residents. Record the number of students and adults receiving educational programs in area schools and organizations.		X	The JCRD and the Johnson County SWCD, in association with the JCPWQ and the Town of Bargersville, presents various educational programs to area students and adults. The SWCD published biannual newsletters (Conservation Times) and provided to interested landowners and residents.
2	The JCPWQ, in association with the Town of Bargersville, will incorporate stormwater information and educational materials into a display booth at the county fair. Public awareness surveys may be distributed at the fair booth and results will be used to measure the level of stormwater pollution prevention knowledge. Record survey results and other information.		X	The JCPWQ in association with the Town of Bargersville, did not exhibit a display booth at the Johnson County 4-H Fair in 2022. As a result, the JCPWQ explored other means of public education and outreach.
3	The Town of Bargersville has teamed with other MS4s in the County to create the JCPWQ. The Partnership focuses on public education throughout the County. The Partnership will coordinate public information/awareness sessions targeted at Johnson County MS4 areas regarding stormwater quality issues, coordinate information exchange for the development of annual reports, and conduct public education and outreach activities to various constituent groups throughout the County. Record the number of meetings held by the JCPWQ each year.	X		The JCPWQ held 6 meetings (on the 3rd Tuesday every other month) in 2022. Additionally, the JCPWQ Facebook page provided educational information to residents with 14 stormwater related postings. The Facebook page generated 108 views in 2022.
4	Educational materials concerning the maintenance of stormwater detention and retention ponds will be distributed to homeowners associations and landowners as necessary following Structural BMP Inspections. Record the date that structural BMPs are inspected and any corrective actions noted during inspections.		X	20% of all structural BMPs receive inspection annually. All structural BMPs will be inspected during the current five-year permit term.

Best Management Practice (BMP) Description		PI	MG	2022
Public Education and Outreach (continued)				
5	Bargersville is to provide erosion control educational materials to those contractors seeking new building permits. Construction site run-off and pollution prevention control pamphlets are available at Town Hall where building permits are issued. Record of how many brochures are distributed by the number of building permits that are issued.		X	Educational materials are available at the Bargersville Town Hall. 233 building permits were issued in 2022. Six projects required Construction Stormwater General Permit (CSGP) review and approval in 2022.
6	Updates on the Bargersville Stormwater Program and educational information will be posted on the Bargersville Utilities Webpage. Record the types of information available on the webpage.	X		Stormwater ordinances, construction standards, and a link to the JCPWQ website containing stormwater educational information is posted on the Bargersville Utilities webpage.
Public Participation and Involvement				
7	The Stormwater Planning Team, comprised of Stormwater Board members, Town officials, municipal employees, and other Town representatives, meet annually to discuss the Stormwater Quality Management Plan. Stormwater Board meetings are held monthly and are open to the public. Record the dates of Stormwater Planning Team meetings held each year.		X	The Stormwater Planning Team met on April 27, 2022. The Stormwater Board meets monthly.
8	For new development, the Town requires, through its Drainage Standards Manual, storm inlet castings and curb inlets be stamped with a pollution prevention message such as, "No Dumping, Drains to Stream." Record the number of new inlets that have been installed with a pollution prevention message.	X		All known stormwater inlet castings have been equipped with pollution prevention messages. 105 stormwater inlets with precast pollution prevention messages were installed in 2022. In addition, the Town installed one new inlet with a pollution prevention message in 2022.
9	The Town of Bargersville will promote a hotline for reporting of stormwater pollution concerns, illegal dumping, and other stormwater issues. Record the number and type of complaints.		X	21 stormwater-related complaints received by the Town.
	Flooding		X	
	Erosion		X	
	Water quality		X	
	Dumping		X	
	Construction Site		X	
	Other (e.g. illicit discharge)		X	

Best Management Practice (BMP) Description		PI	MG	2022
Public Participation and Involvement (continued)				
10	JCRD provides continual hazardous waste disposal and special events in which residents of Bargersville are encouraged to participate in recycling and waste disposal opportunities. Record community clean-up dates and summarize events.	X	X	The Town promotes JCRD services in annual consumer confidence reports (CCRs).
11	An optional stormwater public awareness survey may be conducted once each permit term. Record survey results if appropriate.	X	X	No stormwater public awareness survey was conducted in 2022.
	Average score of residents	X		
	Average score of public service employees	X		
	Average score of commercial facility employees	X		
	Average score of industrial facility employees	X		
	Average score of construction site personnel	X		
	Average score of visitors	X		
Illicit Discharge Detection and Elimination				
12	The Town of Bargersville has developed an ordinance to prohibit illicit discharges into MS4 conveyances. Record revision dates as appropriate.		X	The Illicit Discharge Ordinance is reviewed at Stormwater Board meetings as necessary. Construction Standards were last revised in 2019.
13	JCRD advertises several opportunities for residents to dispose of household hazardous waste (HHW), paints, tires, and appliances. Record public participation and wastes collected at disposal events.		X	The JCRD ToxBBox is located at 1051 Hospital Road, Franklin, IN 46131. The ToxBBox accepts oil-based paint/stains, aerosol cans, automotive fluids, pool chemicals, cleaning products, herbicides, and pesticides.
	Gallons of automobile fluid	X		
	Gallons of lawn and garden chemicals	X		
	Gallons of paints	X		
	Items containing mercury	X		
	Gallons of household cleaners	X		
	Other	X		
	Demonstrate an increase in the number of participants by advertising the events.	X		JCRD ToxBBox is advertised on JCRD's social medial pages (Facebook, Twitter, Instagram) and JCPWQ's Facebook page. The Town promotes JCRD in annual CCRs.
	Number and location of citizen drop-off centers for automotive fluids.	X		Harter's Auto Services, NAPA Auto Parts (Honey Creek), and the JCRD ToxBBox.

Best Management Practice (BMP) Description		PI	MG	2022
Illicit Discharge Detection and Elimination (continued)				
14	Bargersville maintains an accurate storm sewer system map including number and location of MS4 area outfalls. Record updates and revisions as necessary.	X	X	All known storm sewers have been identified and mapped. The Town actively maintains the storm sewer system map with the construction of each new subdivision and/or construction project with storm sewer improvements.
	Estimated or actual acres of square footage of open space preserved and mapped in the MS4 area.	X		Approximately 35 acres of open space are preserved and mapped in the MS4 area.
	Estimated or actual acres of square footage of pervious and impervious surfaces mapped in the MS4 area.	X		Approximately 4.64 million square feet of nonresidential and 5.52 million square feet of residential impervious surfaces have been identified by Bargersville's Stormwater Utility (not all impervious surface area has been measured because residential areas are assumed to be equal to one ERU).
15	All outfalls are inspected for condition, erosion and scouring, the amount of flow, and signs of pollution once per permit term.		X	The Town plans to conduct visual inspections of all outfalls within the current five-year permit term.
	Record the number and location of outfalls screened for illicit discharges.	X		
	Record the number of illicit discharges detected and location.	X		
	Record the number of illicit discharges eliminated.	X		
Construction Site Stormwater Runoff Control				
16	Bargersville maintains an ordinance for construction site erosion and sediment control. Record the number of building permits issued, signifying compliance with the ordinance.		X	233 building permits were issued in 2022.
17	Bargersville maintains standards for BMPs associated with construction activities. Record the number of building permits issued, signifying compliance with the ordinance.		X	

Best Management Practice (BMP) Description		PI	MG	2022
Construction Site Stormwater Runoff Control (continued)				
18	Bargersville Zoning Inspector is responsible for the plan review for SWPP and ESC on qualifying projects.		X	Construction plans are submitted to the Bargersville Plan Commission, who forward the Stormwater Pollution Prevention (SWPP) and Erosion and Sediment Control (ESC) plans to the Town Engineer and/or the Town's consulting engineer (Wessler Engineering). The Town Engineer/consulting engineer reviews the plans per the ESC Standards, and a technical review is completed using the Indiana Stormwater Quality Manual as a reference. A plan review checklist has been developed for the project site developer to use in the development of the SWPP ESC plans.
	A plan review checklist for SWPP and ESC Plans was made available to all developers.		X	
	Record number of construction projects meeting the requirements of the Municipal Separate Storm Sewer System General Permit (MS4GP) for SWPP and ESC measures.	X	X	Six construction projects met requirements of the CSGP for SWPP and ESC measures in 2022.
	Record the number of building permits issued to projects that received erosion/sediment control educational materials.		X	233 building permits were issued in 2022.
19	As required, Bargersville must take enforcement actions for noncompliance with the construction site runoff control program requirements. Record results of inspections and enforcement actions taken by the Town.	X		The Town assesses construction sites for erosion and sediment control measures via a pass-fail evaluation with the Town's Building Inspector(s). If erosion and sediment control measures have not been installed and/or maintained per the approved Erosion Plan, the site is automatically assigned a failing evaluation. Construction sites must receive a passing evaluation to resume progress of construction activities. Deficiencies identified during evaluations are relayed directly to the contractor.
20	Bargersville will ensure construction site inspectors and plan reviewers are qualified in the requirements for erosion and sediment control. Record dates of annual training.		X	The Town's plan reviewer(s) and inspector(s) received training at the MS4 Annual Conference, held May 10, 2022.
21	When construction plans are submitted for review, Bargersville will identify priority sites for inspection and enforcement. Record the number of high priority projects.	X		Two projects, Aberdeen Section 7 and Howard subdivision, were identified as high priority in 2022.

Best Management Practice (BMP) Description		PI	MG	2022
Construction Site Stormwater Runoff Control (continued)				
22	For those construction activities (1 acre or larger) operated by the MS4, construction plans will be submitted to the Johnson County SWCD for review. Record number of projects requiring review from the County SWCD.		X	One MS4-owned CSGP project (Kephart Park-INRA09469) was submitted to the Johnson County SWCD for review in 2022.
23	Complaints, information requests, and inquiries related to construction site erosion and sediment control are incorporated into the Stormwater Hotline. Record the number of complaints (by type) and resolution.	X	X	Complaint forms and investigation records are kept on file at the Town Hall and reviewed annually to determine pollution concerns and recommendations for BMPs, if necessary.
24	Bargersville has developed policies and procedures for erosion and sediment control inspections and assign responsibilities for inspections. Record the number of construction sites inspected and repeat offenders encouraged to attend erosion and sediment control training sessions.	X	X	Deficiencies identified during evaluations are relayed directly to the contractor. No known repeat offenders were encouraged to attend erosion and sediment control training sessions.
Post Construction Stormwater Run-off Control				
25	Bargersville will ensure that personnel responsible for inspection and enforcement of post construction BMPs will receive annual training. Record dates of annual training.		X	The Town's plan reviewer(s) and inspector(s) received training at the MS4 Annual Conference, held May 10, 2022.
26	Bargersville maintains a post construction ordinance. Record the number of building permits issued.		X	233 building permits were issued in 2022.
27	Bargersville maintains post construction standards. Record the number of building permits issued.		X	
28	Structural BMPs in Bargersville will be inspected at least once during the permit term to determine if they are maintained and functioning properly. Record the date that structural BMP inspections are conducted.		X	20% of all structural BMPs receive inspection annually. All structural BMPs will be inspected during the current five-year permit term.
	Record the number, type, and location of structural BMPs installed.	X		
	Record the number, type, and location of structural BMPs inspected.	X		
	Record the number, type, and location of structural BMPs maintained or improved to function properly.	X		No known structural BMPs were maintained or improved in 2022.
	Record the type and location of nonstructural BMPs utilized.	X		Non-structural BMPs have been incorporated into municipal facility SWPPPs.

Best Management Practice (BMP) Description		PI	MG	2022
Municipal Operations Pollution Prevention and Good Housekeeping				
29	Bargersville conducts annual training for all municipal employees. Record date of annual training.		X	Department heads receive stormwater pollution prevention training each year at MS4 local planning meetings and during municipal facility SWPPP evaluations. A MS4 local planning team meeting was held on April 27, 2022. SWPPP evaluations were completed on August 10, 2022.
30	Bargersville maintains SWPPPs for the Street Department and Utilities Department. All municipal facilities have containment for accidental releases. Record date of annual facility inspections and SWPPP updates.	X	X	Wessler Engineering and the Town of Bargersville completed municipal facility inspections on August 10, 2022. Municipal facility SWPPPs were updated in August 2022.
31	Written documentation of maintenance activities, schedules, and inspection procedures are provided for the municipal operations pollution prevention and good housekeeping MCM through standard operating procedures (SOPs). Record the number of new SOPs developed.		X	SOPs were developed for MCM 6 in 2015 and implemented as Part C BMPs. Draft SOPs were developed for MCM 4 and 5 in 2019. SOPs are to be approved and implemented as Part C BMPs.
32	The Bargersville Street and Utilities Departments conduct litter pick-up as needed before mowing parks, municipal properties, and grass-covered rights-of-way. Record date of annual training.		X	Department heads receive stormwater pollution prevention training each year at MS4 local planning meetings. An MS4 local planning team meeting was held on April 27, 2022. SWPPP evaluations were completed on August 10, 2022. As a standard operating procedure, personnel responsible for mowing collect and dispose of litter and other debris prior to mowing activities.
33	Catch basins and inlets within the Town's corporate limits are routinely cleaned, a minimum of twice each year (once in the spring and once in the fall).		X	A total of 15 catch basins within the Town were cleaned in 2022. Approximately 1.5 cubic yards of material was collected.
	Estimated amount of material collected from catch basin, trash rack, or structural BMP cleaning.	X		
34	All streets will be swept at least once per year and as needed.		X	Street sweeping is being conducted on a seasonal basis. Approximately five cubic yards of street sweeping material was collected in 2022.
	Street Department personnel will record the total amount of material that is removed from street sweeping activities.	X		

Best Management Practice (BMP) Description		PI	MG	2022
Municipal Operations Pollution Prevention and Good Housekeeping (continued)				
35	The Town will perform roadside shoulder and ditch stabilization as required for areas that have become eroded or unvegetated.		X	Roadside ditch and utility line maintenance areas are revegetated by the Bargersville Street Department and documented via work order.
	Estimated linear feet or percentage of unvegetated swales and ditches that have an adequately sized vegetated filter strip.	X		No significantly unvegetated swales and/or ditches have been identified within Bargersville's MS4 boundaries.
	Estimated linear feet or percentage and location of MS4 conveyances cleaned or repaired.	X		Approximately, ten linear feet of MS4 conveyances were cleaned and/or repaired in 2022 (Three Notch Subdivision).
	Estimated linear feet of roadside shoulders and ditches stabilized.	X		Zero linear feet of roadside shoulder and ditch stabilization occurred in 2022.
	Location of roadside shoulders and ditches stabilized.	X		N/A
36	The Town will conduct dry weather inspections at all storm sewer outfalls at least once during the permit term. Outfalls will be evaluated for erosion and scouring conditions.		X	20% of outfalls are inspected annually. The Town plans to conduct visual inspections of all outfalls within current five-year permit term.
	Record the number and location of outfalls remediated from scouring conditions.	X		
37	Record the total amount of road salt purchased and applied each year.	X	X	The Street Department maintains a deicing salt storage area. Approximately 130 tons of road salt were used in 2022.
	Estimated amount, in tons, of salt used for snow and ice control.	X		
38	Bargersville maintains a snow disposal area. Proper procedures for snow disposal are incorporated into annual training. Record the date of training.		X	Department heads receive stormwater pollution prevention training each year at MS4 local planning meetings and during municipal facility SWPPP evaluations. A MS4 local planning team meeting was held on April 27, 2022. SWPPP evaluations were completed on August 10, 2022.
39	Bargersville conducts annual site inspections of chemical storage areas. Record the date of municipal facility inspections.		X	Wessler Engineering and the Town of Bargersville completed municipal facility inspections on August 10, 2022. Municipal facility SWPPPs were updated in August 2022.
40	The MS4 currently has a fueling site at the Utilities Department facility for fueling of equipment and vehicles. Record the date of annual spill prevention and clean-up training.		X	Department heads receive stormwater pollution prevention training each year at MS4 local planning meetings and during municipal facility SWPPP evaluations. A MS4 local planning team meeting was held on April 27, 2022. SWPPP evaluations were completed on August 10, 2022.
	Record the number of retail gasoline outlets and municipal/state/federal/institutional refueling areas with installed BMPs.	X		As of December 31, 2022, a total of 10 refueling areas were located within the MS4 area: (1) Landscape Company, (1) Trucking Company, (1) Utilities and (7) Gas Stations. BMPs measures are in place to prevent spills and exposure to Waters of the United States.

Best Management Practice (BMP) Description		PI	MG	2022
Municipal Operations Pollution Prevention and Good Housekeeping (continued)				
41	Currently, minor vehicle and equipment maintenance is performed at the Street and Utilities Departments. Floor drains at the Street Department are connected to the sanitary sewer; there are no floor drains at the Utilities Department. All major maintenance is conducted at a commercial auto/equipment repair shop. Record date of annual vehicle maintenance training.		X	Department heads receive stormwater pollution prevention training each year at MS4 local planning meetings and during municipal facility SWPPP evaluations. A MS4 local planning team meeting was held on April 27, 2022. SWPPP evaluations were completed on August 10, 2022.
42	Pesticides and fertilizers are used on a limited basis and stored only in small quantities. Record the date of municipal employee training.		X	Significant amounts of fertilizers and pesticides are not used by the Town. Pesticides are spot applied at municipal facilities. Annual quantities used are approximately 10-25 gallons. Private contractor applies fertilizer and pesticide to Town Parks: Windisch Park/2.64 acres/258.75 lbs. of premix fertilizer per year/5.3 gallons of premix pesticide concentrate per year; Buella Witt Park/0.39 acres/38.25 lbs. of premix fertilizer per year/0.78 gallons of premix pesticide concentrate per year; and Switzer Park/0.16 acres/15.75 lbs. of premix fertilizer per year/0.32 gallons of premix pesticide concentrate per year.
	Document the amount, number of acres, and location where restricted herbicides, pesticides and fertilizers are applied by the MS4.	X		
	Was there any change in the frequency of applying fertilizers and pesticides?		X	The Town contracts Primary Grounds to apply fertilizer and pesticide to Town Parks (Windisch, Buella Witt and Switzer) four times per year. The first application of fertilizer consists of 3/4 pound (premix) Nitrogen-only per 1,000 square feet; the next three applications of fertilizer consists of 1/2 pound (premix) of Nitrogen-only per 1,000 square feet. The first application of pesticide consists of 2.0 ounces of pre-emergent per 1,000 square feet; the next three applications of pesticide consists of 1.3 ounces of post-emergent per 1,000 square feet.
43	There are currently no known canine parks located within the MS4. Record any new development concerning dog parks.	X		No new dog parks and/or pet waste stations were established in 2022.
44	Used oil, aluminum, copper, and other metals generated by municipal operations are recycled. Yard waste collected from residents is stored outdoors and recycled as mulch and compost. An attempt will be made to recycle other materials as appropriate. Trash dumpsters are to be covered and emptied routinely. Hazardous wastes (such as solvents, paint thinners, and batteries) will be properly disposed of or recycled.		X	Used oils from the asphalt patching machine are disposed of by Crystal Kleen. In 2022, 1 55-gallon drum of AE90 was recycled.
	Record the amount of waste properly disposed of or recycled.		X	

Best Management Practice (BMP) Description		PI	MG	2022
Municipal Operations Pollution Prevention and Good Housekeeping (continued)				
45	New flood management projects within the Town of Bargersville will address stormwater quantity and evaluate the potential for addressing stormwater quality. Record annual flood management projects.	X	X	No known flood management projects conducted in 2022.
46	Municipal vehicle and equipment washing should be conducted indoors where wash water can either be collected, or where floor drains are connected to the sanitary sewer. In instances where indoor washing is not practical, it should be conducted in a designated location where the natural drainage flows to a flat grass-covered area and does not directly drain to any stormwater conveyance or receiving stream. Record date of annual training covered BMPs for vehicle washing.		X	Department heads receive stormwater pollution prevention training each year at MS4 local planning meetings and during municipal facility SWPPP evaluations. A MS4 local planning team meeting was held on April 27, 2022. SWPPP evaluations were completed on August 10, 2022.