



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 137C	Type of MS4:	
2. MS4 Entity:	City of Goshen <i>(Name of permit holder)</i>	<input checked="" type="checkbox"/> City	<input type="checkbox"/> Non-traditional
		<input type="checkbox"/> Town	
		<input type="checkbox"/> County	
3. MS4 Operator:	Mayor, Jeremy Stutsman		
4. Mailing Address:	202 S. 5 th Street		
	Goshen, IN	ZIP: 46528	County: Elkhart
5. Email Address:	mayor@goshencity.com		

PART B: GENERAL INFORMATION – MS4 COORDINATOR

6. MS4 Coordinator (<i>please print</i>):	Jason Kauffman		
7. Person's Title:	Stormwater Coordinator		
8. Mailing Address:	204 E. Jefferson Street, Suite		
	Goshen, IN	ZIP: 46528	
9. Telephone Number:	574-537-3832		
10. E-mail Address:	jasonkauffman@goshencity.com		

PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name:	Jason Kauffman <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.
For ease of reading, please refer to the support document in Appendix 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")
- c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.
- d) Provide updated receiving water information completed during the reporting period if applicable.
- e) Identify funding sources (utility fees, grants, enforcement fines etc) utilized for MS4 program implementation during this reporting period.
- f) Provide a list of new active industrial sites identified during this reporting period.
- g) Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial storm water) permits.
- h) Provide a summary of complaints received and follow-up investigation results related to storm water quality issues during this reporting period.
- i) Other:

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.
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
- c) Describe program BMPs that went beyond those identified in the SWQMP.
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
- f) Other:

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.
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
- c) Describe program BMPs that went beyond those identified in the SWQMP.
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
- f) Other:

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.).
- b) Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.
- c) Identify changes made to the IDDE Plan during this reporting period if applicable.
- d) Identify updates or revisions to IDDE ordinance or other regulatory mechanism 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.
- f) Other:

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.
- b) Describe program implementation partnerships and explain successes and barriers during this reporting period.
- 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.
- d) Identify the number and types of training opportunities that were provided to contractors, developers, and builders during this permit period.
- 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.
- f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.
- g) Other:

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.
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility during this reporting period.
- c) Describe program implementation partnerships and explain successes and barriers.
- 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.
- e) Identify updates or revisions to the post-construction storm water ordinance or other regulatory mechanism made during this reporting period.
- f) Other:

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.
- 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.
- c) Identify storm water BMPs installed or initiated at MS4 owned and operated facilities.
- d) Identify and describe appropriate storm water training provided to MS4 employees. Employees are required to have a minimum training once per year.
- e) Other:

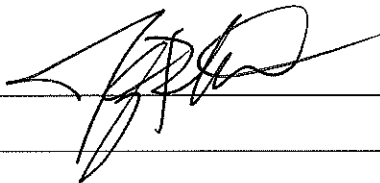
PART K: CERTIFICATION AND SIGNATURE

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

"By signing this annual report, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Type or Print Name: Mayor Jeremy Stutsman

Signature: _____



03/31/2023
(mm/dd/yyyy)

APPENDIX A: STORMWATER ANNUAL REPORT – CITY OF GOSHEN INFORMATION

REPORTING PERIOD: 2022

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.

The City of Goshen holds its own MS4 general permit, however, the City is a part of the Greater Elkhart County Stormwater Partnership (Stormwater Partnership) composed of the City of Goshen, the City of Elkhart, Elkhart County, and the Town of Bristol.

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.

Since the last annual report, the City of Goshen has only annexed one area off of East College Avenue (County Road 36). In 2021, 163 acres of land were annexed via Ordinance #5090, located on the north and south sides of County Road 36, west of County Road 31 located in the NE, SW, and SE quadrants of Section 13 and the NW and NE quadrants of Section 24, T36N, R6E. In 2022, there were no new areas of annexation. (See Appendix B for the Annexation Map)

c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.

The City of Goshen did not commission or perform any additional water monitoring outside the water quality data collected and kept by the Elkhart County Health Department (ECHD) as part of the Stormwater Partnership’s efforts to monitor waterway health throughout our MS4s. The ECHD began collecting water samples the third week of May and ended the third full week of September. Water quality parameters analyzed included: chlorides, conductivity, dissolved oxygen, *E. coli*, nitrates, pH, phosphorus, temperature, and total suspended solids.

Water samples were collected from 20 sites: Baugo Creek at CR 3, Berlin Court Ditch at CR 15, Christiana Creek at CR 4 (control stream), Dausman Ditch at CR 19, Harverstick-Darkwood Ditch at CR 7 (added August 11), Pine Creek at CR 18 and CR 20, **Rock Run Creek at CR 34**, Swoveland Ditch at CR 19, Turkey Creek at CR 46, Weaver Ditch at CR 13, Yellow Creek at CR 32 and CR 138, **Elkhart River** at CR 127 and **at Indiana Avenue (in Goshen)**, Little Elkhart River

at CR 35, Heaton Lake at Ideal Beach and at 22880 Lake Shore Drive, and Simonton Lake at 51093 Beach Drive and 51330 SR 19.

The 2022 Water Sampling Report for Selected MS4 sites prepared by the Elkhart County Health Department can be found at www.goshenindiana.org/water-sampling-data.

The Greater Elkhart County Stormwater Partnership partnered with the St. Joseph River Basin Commission (SJRBC) to perform an analysis of the long-term trends in water quality based on water monitoring data collected between 2010-2021. For a summary of the Report's analysis see pages 42-43, which can be accessed under *Additional Water Monitoring – Elkhart County Water Quality Report, Supplement 1, and Supplement 2* at www.sjrbc.com/resources/monitoring/index.html.

d) Provide updated receiving water information completed during the reporting period.

No changes in receiving water information occurred in the City of Goshen during the year 2022.

e) Identify funding sources (utility fees, grants, enforcement fines, etc.) utilized for MS4 program implementation during this reporting period.

The Stormwater Partnership collects a stormwater utility fee of \$15 per equivalent residential unit (ERU) or 3,600 square feet of impervious surface area. Residential parcels are assessed 1 ERU while the ERU value for a non-residential parcel is based on the impervious surface area square footage divided by 3600 and then multiplied by \$15. For example, a non-residential parcel with 12,500 square feet of impervious surface would have an ERU value of 3.5 and be assessed a stormwater utility fee of \$52.50. The stormwater utility fee is collected by the Elkhart County Treasurer's Office via property tax bills and distributed accordingly to each Stormwater Partnership entity.

Additionally, the Stormwater Partnership collects a filing fee of \$100 per disturbed acre for each stormwater pollution prevention plan (SWPPP) submitted to the Elkhart County Soil and Water Conservation District (SWCD) for review. For example, a project with a proposed area of disturbance of 2.25 acres would have a filing fee of \$300. In addition, the Elkhart County SWCD collects a renewal fee of \$100 per year for projects older than two calendar years.

The filing fees and renewal fees are collected by the Elkhart County SWCD and delivered to the Elkhart County Treasurer for processing. These fees help to offset the Stormwater Partnership costs and reduce the amount of money each entity pays back to Elkhart County to cover the annual costs of the Stormwater Partnership.

In addition, the City of Goshen collects a flat \$50 stormwater fee for each project that goes through the City's Technical Review process.

These funding sources saw no changes in 2022, however, the Stormwater Partnership hired Baker Tilly US, LLP to conduct a stormwater user fee rate study for the Stormwater Partnership to determine whether the minimum amount necessary for the operation and maintenance of the stormwater system has increased since 2006 and, if so, what the current minimum amount necessary would be. Baker Tilly determined the amount of revenue generated by the current stormwater user fee is not sufficient to cover the stormwater program costs for each entity. Baker Tilly recommended the annual stormwater fee increase to \$36.10 and at the request of the Stormwater Partnership split the increase into three phases to occur over the next six years. The City of Goshen has passed an updated stormwater user fee ordinance and is now waiting for its partners to update their stormwater user fee ordinances for the stormwater user fee increase to take effect.

f) *Provide a list of new active industrial sites identified during this reporting period.*

SIC Codes are provided for those sites where a SIC Code has been assigned.

Name	Address	Zip	Phone	SIC Code
ViewRail – Stair Supplies	1815 & 1837 Ardmore Ct	46526	866-720-4273	5082

g) *Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial stormwater) permits.*

The City of Goshen does not own or operate any Rule 6 Industrial sites.

h) *Provide a summary of complaints received and follow-up investigation results related to stormwater quality issues during this reporting period.*

During the reporting period, 21 potential stormwater quality issues were reported to the Goshen Stormwater Department via City employees and five (5) complaints from community members and each one was inspected by the City of Goshen; 11 were found to have reached an MS4 conveyance.

- Nine (9) illicit discharge incidents, 13 erosion and sediment control incidents, five (5) stormwater related incidents,

During the reporting period, one (1) potential stormwater quality issue was reported to and inspected by the Elkhart County SWCD.

- **For a total of 28 complaints.**

Part E: PUBLIC EDUCATION AND OUTREACH

17. Identify the BMPs for Public Education and Outreach 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 minimum control measure (MCM) including timetables and measurable goals during this reporting period.*

BMP 1: Continue to develop and implement a public outreach and education program

During the reporting period, the City of Goshen completed the following:

- Released the *Stormwater Toolbox Newsletter* every month except for the month of May. Past copies of the *Stormwater Toolbox Newsletter* can be found at the following website: www.goshenindiana.org/stormwater-toolbox-newsletter-archive
- Stormwater-related social media posts were made to the City's Facebook account.
- The Department of Stormwater website was updated with current information involving the community which can be found at: www.goshenindiana.org/stormwater-management
- Published the 2022 Stormwater Annual Report in both English and Spanish. These documents can be found at www.goshenindiana.org/capital-plan-&-annual-reports.
- Informational banners were rotated quarterly between the three of the City's offices (Water and Sewer Billing, Parks Administration Office, and City Annex Building).
- The Goshen Stormwater Department joined the Elkhart River Restoration Association and other natural resource groups to talk with the general public about the importance of our local waterways, what lives there, how we can protect it, and how it can be enjoyed. The Goshen Stormwater Department talked with the public about their Watershed Address and how to prevent stormwater pollution.
- The City of Goshen held its first-ever Water Fest in June at Mill Street Park involving several different City and County Departments, helping to educate about stormwater.
- Held two Flood Resilience Plan Meetings
- The Stormwater Department hosted ten local artists to paint the sidewalks around storm drains again in 2022. Information about the Goshen Storm Drain Art can be found here: www.goshenindiana.org/storm-drain-art.
- The Stormwater Department maintains an educational resource webpage which can be found at: www.goshenindiana.org/education.

The Elkhart County SWCD Program Director is on the steering committee for the Upper Elkhart River Watershed Management Grant project and joins one of the SWCD's Conservationists on the Education Committee for the grant project.

BMP 2: Survey MS4 Area constituents for attitudes and prior knowledge of stormwater quality

The Elkhart County SWCD no longer provides a question/comment section on their

website due to spam and phishing comments, however, people can sign up to join the SWCD's email list to receive updates and other important information.

The City of Goshen provides the public with a way to report an issue through the "Report an Issue" button at the top of the main page of the City's website; one option that can be selected is Stormwater.

BMP 3: Educate minorities, disadvantaged communities, and children

The City of Goshen's Communications Coordinator is fluent in Spanish and is helping to translate stormwater brochures and newsletters into Spanish as time permits.

In addition, the City of Goshen did the following:

- Freddy the Fish Stormwater Activity with Waterford Elementary School 3rd Graders
- Teamed with the City of Elkhart's Aquatic Biologist to educate middle and high schoolers from Bethany at Violett Cemetery about the Elkhart River ecology.
- Participated in a field trip to Shanklin Park for all Goshen Junior High School 8th Graders. A presentation on stormwater runoff and the Elkhart River was presented to each group. The City of Elkhart Aquatic Biology team and the Elkhart County SWCD were also present to talk about the health of the river and the fish that live there and macroinvertebrates.
- Participated in the June First Friday event, running a booth that was held in downtown Goshen with other members of our stormwater partnership and local natural resource groups.
- Participated in the 2022 Elkhart County 4-H Fair's Green Earth Education Day with members from the Stormwater Partnership and the Goshen Environmental Resilience Department.
- Partnered with the City of Elkhart Aquatic Biology Department to provide a total of 10 educational events in Goshen (including those listed above) to talk about the health of the Elkhart River, the organisms that live there, and the impact stormwater runoff can have.

BMP 4: Educational Initiatives

The Stormwater Partnership has a strong group of educators and interpreters through the SWCD, City and County Parks Departments, the City of Goshen Stormwater Department, and the City of Elkhart – Public Works and Utilities. Their activities and presentations cover a wide range of natural resource topics, including but not limited to water quality and stormwater-related activities. The Elkhart County SWCD conducted activities and gave presentations throughout Elkhart County and beyond. In addition, the City of Goshen held or participated in events as well. The following information describes what took place during the 2022 reporting period.

CITY OF GOSHEN

June First Friday Downtown Goshen – June 3, 2022 – The Goshen Stormwater Department joined the Elkhart River Restoration Association and other natural resource groups to talk with the general public about the importance of our local waterways, what lives there, how we can protect it, and how it can be enjoyed. The Goshen Stormwater Department talked with the public about their Watershed Address and how to prevent stormwater pollution. The Elkhart County SWCD had a hands-on display highlighting macroinvertebrates as water quality indicators in local waterways.

Storm Drain Art Project – In 2022, the City of Goshen completed its third storm drain art mural project with a theme of Dreaming of Clean Water in celebration of the 50th Anniversary of the Clean Water Act. Thirteen local artists painted stormwater-related murals around ten (10) storm drains spread throughout the city. Information on the storm drain murals can be found on the City's Stormwater website at <http://goshenindiana.org/storm-drain-art>.

Water Fest – June 11, 2022 – Water Fest was a first-time event held at Mill Street Park (212 Prospect Avenue) where the public was invited to enjoy water-related activities, join in a creek or neighborhood trash clean-up, interact with numerous natural resource organizations and City Departments, and to attend the unveiling of the Storm Drain Art project where the public was invited to vote on their favorite mural. The event was attended by over 100 people.

Flood Resilience Plan Public Meetings – March 17, 2022 – The City of Goshen hired Christopher B. Burke Engineering, LLC to help prepare a flood resilience plan (FRP) in response to the historic floods of February 2018 and to help the City better prepare for the higher potential of flooding. Two meetings were held on March 17th. The first meeting offered a chance to present the FRP to business owners, property owners, and residents directly impacted by floods and to hear what they had to say. The second meeting was a general public meeting to present the FRP and to allow community members to interact with different City Departments and regional organizations (Elkhart County SWCD and SJRBC) to ask questions and provide feedback on their concerns regarding flooding and drainage.

- The FRP was adopted by the Goshen City Council on July 18, 2022. The full report and additional flood literacy information can be found at goshenindiana.org/flood-zone.

ELKHART COUNTY SWCD

Stormwater Education – The Elkhart County SWCD has a strong relationship with a group of educators and interpreters through County Parks, the City of Goshen, and the City of Elkhart. The Elkhart County SWCD works with those entities to put together events to educate the public on a wide range of natural resource topics, including but not limited

to water quality and stormwater. Each activity was documented and the number of people reached was recorded. In 2022, **33,552 people** were reached through the activities the Elkhart County SWCD provided or participated in throughout the Stormwater Partnership. The Elkhart County SWCD reached **2,048 people** during activities and events within the City of Goshen and **19,290 people** in Stormwater Partnership-related events.

Erosion & Sediment Control Education – The Elkhart County SWCD began a new way of providing education to contractors, developers, and engineers, in 2022, by taking the information to them. Todd Clark, SWCD Conservationist, was instrumental in reaching over **200 people** through in-person and virtual meetings. This method of providing training has been very well received and is helping to improve erosion and sediment control compliance on construction projects throughout the Stormwater Partnership.

Education via Media – The Elkhart County SWCD can reach audiences wide and far through its online presence via its website (www.elkcoswcd.org/), its monthly Grass Roots Newsletter (**2,334 readers**), Annual Report, its Facebook page (**39,541 people**), and its YouTube channel (**9,424 views**). Through these media sources, information on natural resource protection, soil health, water quality, water quantity, stormwater pollution prevention, and more is provided to the public.

Additional Notes:

- **Coordinating Events**
 - All public participation events are coordinated with Stormwater Partnership members.
 - Stormwater Partnership education materials are available at events like those included in this Report.
- **Documentation** – Documentation of press releases, activities, and events covered by local news sources is saved for reference.
- **Educational Materials**– Kits are available to K-12 teachers and organization leaders for use in their classrooms, homeschool settings, or club/organization meetings (e.g., 4-H, FFA). A wide range of classroom programs is also available for K-12 teachers to request. There is also an augmented reality sandbox that provides hands-on learning for earth science concepts. For more information visit: www.elkcoswcd.org/education/classroomprograms/augmented-reality-sandbox/.
- **Solid Waste Management District** – The Elkhart County Solid Waste Management District was dissolved on December 31, 2020, and absorbed into the Elkhart County Landfill. This did not eliminate the Household Hazardous Waste drop-off days which still take place on the first Saturday of every month. The Elkhart County Landfill continues to educate the public on various environmental-related issues.
- **Stormwater Calendar** – The Stormwater Partnership created and released another two-year calendar called “Elkhart County Waters – Building Water Quality” for 2022-2023 highlighting local waterways and water quality information.

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

The City of Goshen and Elkhart County as a whole has a very diverse population with many languages spoken and a wide range of social economic conditions. This creates both language and access barriers to educational information and resources. As Spanish is a very prevalent language in the community the Goshen Stormwater Department works to have documents translated into Spanish when possible. Additionally, information on the City of Goshen website can be translated into several languages with the click of a button. For those in the community who may lack access to the Internet, the City will send out community-wide mailers as needed and a quarterly newsletter called the *Maple City Now*.

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

Stormwater Partnership:

- The Stormwater Partnership has a successful rain garden and rain barrel incentive program available to any property owner living within the MS4 areas. The program is managed and implemented by the Elkhart County SWCD and a property owner can qualify for up to two (2) rain barrels and up to \$250 towards native plants for a rain garden. Before a property owner can apply for this program they must first attend an in-person or virtual workshop (a new option initiated due to the COVID-19 Pandemic) provided by the Elkhart County SWCD, which covers the basics of stormwater runoff and why rain barrels and rain gardens help our community and the environment.
 - o More information on the program can be found at: <https://www.elkcoswcd.org/homeowners/rgrb/>.
 - o The funds used for this program come from the stormwater user fees collected via the property tax bills.
 - o See BMP 5 on page 11 for statistics on how many rain barrels and rain gardens were installed as part of this incentive program.
- The Stormwater Partnership creates and distributes a two-year stormwater calendar (2022-2023) to the general public. The calendar is called the Elkhart County Waters – Building Water Quality” for 2022-2023 highlighting local waterways and water quality information.
- The Elkhart County SWCD hosted an Indiana Master Naturalist program (20 participants) and made connections to water quality and stormwater.

d) *Identify stormwater BMPs installed or initiated for this MCM during this reporting period.*

During this reporting period:

- Elkhart County SWCD released a number of videos to their YouTube Channel for the public to view and interact with. One video highlighted the work of the Goshen Stormwater Department to screen outlet pipes for illicit discharges (https://www.youtube.com/watch?v=GSKSrXg_plQ&t=150s).
- The first Water Fest celebration was held; see Part E, Section 17(a), BMP #4 above.

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

Partnerships are a key component to implementing a stormwater program to comply with both the Construction Stormwater General Permit and the MS4 General Permit requirements as well as protecting our community's water resources and those communities downstream. The City of Goshen continues to be involved in many partnerships throughout the many watersheds Goshen is a part of: The Elkhart River Watershed, The St. Joe River Watershed, the Lake Michigan Watershed, The Great Lakes Watershed, and The North Atlantic Watershed. These partnerships include:

- The Greater Elkhart County Stormwater Partnership
 - o The Elkhart County SWCD implements the Stormwater Education Field Trip Incentive (SEFTI) Program, which pays for transportation costs for field trips to approved sites where students will learn about water resources within Elkhart County. Any teacher, administrator, or educator from an accredited K-12 school in Elkhart County is encouraged to apply. During the reporting period the SEFTI program funded six (6) field trips. The stormwater user fees fund the SEFTI program. For more information visit: <https://www.elkcoswcd.org/education/stormwater-education-field-trip-incentive/>.
- The St. Joe River Basin Commission (SJRBC)
 - o By supporting the SJRBC's work the City of Goshen benefits from research and improvements both upstream and downstream. For example, the SJRBC was able to hire Christopher Burke to complete a flood resilience plan for the North Branch of the Elkhart River showing how healthy that section of the river is. Another example of our partnership was the completion of a report on the analysis of 12 years of water quality data; see Part D, Section 16(c) for more information.
- The Northeast Indiana MS4 Group
 - o This group began meeting in 2022, as a way to work towards regional consistency in the implementation of the new stormwater permits as well as a way to share informational resources, experience, and knowledge between MS4 staff.
- The Elkhart River Restoration Association (ERRA) - <https://elkhartriver.org/>
 - o The City of Goshen has been and continues to participate in the work of the ERRA to update the Watershed Management Plan for the Upper Elkhart River by being a part of the Steering Committee. In addition, the City of Goshen agreed to partner with the ERRA to obtain a 205(j) water quality grant through IDEM to update the Watershed Management Plan for the Lower Elkhart River Watershed. The grant for the Upper Watershed began in 2022 and the grant for the Lower Watershed began at the beginning of 2023, but the work to obtain the grant took place in 2022.

In addition, the Elkhart County SWCD works closely with other natural resource agencies

such as the Elkhart County Parks, Environmental Centers, Natural Resource Conservation Service (NRCS), and schools to coordinate and plan activities in the area and make connections.

No barriers were encountered during this reporting period.

Part F: PUBLIC PARTICIPATION AND INVOLVEMENT

18. Identify the BMPs 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 minimum control measure (MCM) including timetables and measurable goals during this reporting period.*

BMP 1: Continue to develop and implement a public participation and involvement program

During this reporting period:

- The Elkhart County SWCD meets regularly with local entities (Elkhart County Parks, Elkhart Environmental Center, Wellfield Botanical Gardens, and others) to plan and implement new and existing education programs.
- Storm Drain Art Mural Project – See Part E, Section 17(a), BMP 4
- The public was encouraged to provide feedback on the Flood Resilience Plan via public meetings and a digital survey on the City’s Flood Zone webpage (goshenindiana.org/flood-zone).

BMP 2: Survey constituent attitudes and willingness to volunteer

The Elkhart County SWCD works with the Elkhart County Indiana Master Naturalists to offer volunteer opportunities. During 2022, 1,866 volunteer hours were recorded.

Additionally, the Goshen Stormwater Department talked with the public about volunteer opportunities to help during public events, like Water Fest, or to clean up trash. The Goshen Stormwater Department worked with Lippert Components to hold a trash cleanup event along part of Horn Ditch on July 15, 2022. Both Lippert Components and the City of Goshen look forward to further collaborations to keep the Horn Ditch clean.

BMP 3: Continue to provide public notice of council, commission, and board meetings addressing stormwater issues

All public meetings dealing with stormwater projects, programs, or issues are publicized per Indiana Open Door Law. This includes the Goshen Stormwater Board and the Greater Elkhart County Stormwater Partnership Board. The meeting dates and times are also listed at the bottom right corner of the Goshen Stormwater Department’s webpage:

www.goshenindiana.org/stormwater-management.

BMP 4: Storm Drain Marking

When the Goshen Water and Sewer Department installs a new storm structure it includes a warning stamp that says “No Dumping Drains to Waterway”. In addition, see Part E, Section 17(a), BMP #4 for information on the Storm Drain Art Mural project.

The public was invited to enjoy a walk or ride from mural to mural and to learn information on each artist and sponsor through an interactive map on the Storm Drain Art webpage: goshenindiana.org/storm-drain-art.

BMP 5: Promote rain barrels, rain gardens, and other LID practices.

The Elkhart County SWCD implements the Stormwater Partnership’s rain barrel and rain garden incentive program and during the reporting period, they held one (1) workshop with 24 participants, which resulted in one (1) rain garden being planted. In addition, the Elkhart County SWCD worked with Goshen High School teachers and students to install one (1) rain barrel (it was not part of the incentive program).

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

No implementation problems were encountered during the reporting period.

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

The Elkhart County SWCD hosted an Indiana Master Naturalist program during this reporting period. The classes in the program made connections to water quality and stormwater. The participants were then required to volunteer for a minimum of 24 hours for a natural resource agency. The volunteer hours helped participants make connections and continue to be involved beyond the class.

d) Identify stormwater BMPs installed or initiated for this MCM during reporting period.

No additional BMPs were initiated for this MCM during the reporting period.

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

The Stormwater Partnership continues to meet monthly to coordinate stormwater education events and public participation opportunities for all residents of Elkhart County. These monthly meetings allow the Partners to avoid duplication of efforts and to reach a broader audience. The cooperative nature of the Stormwater Partnership has had a positive impact on the greater community.

See Part E, Section 17(e), for additional information on partnerships.

The Goshen Stormwater Department partnered with Lippert Components to hold a trash cleanup event on the portion of Horn Ditch adjacent to one of Lippert's facilities on July 15, 2022. Both Lippert Components and the City of Goshen look forward to further collaborations to keep the Horn Ditch clean.

The only barrier encountered during this reporting period for this MCM is finding a way to attract people to an event or to provide feedback. People have many opportunities and distractions to fill their time these days and moving forward this will be an ongoing barrier to overcome. However, the public involvement, interaction, and participation that did happen was rewarding and many good conversations were had.

Part G: ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

19. Identify the BMPs for 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.).*

BMP 1: Storm Conveyance Mapping

The City has maintained its conveyance mapping as system improvements are made and continues adding conveyances of private entities as they are identified. During the reporting period, 1.32 miles (6,967 linear feet) of new public storm sewer pipe was installed.

BMP 2: Continued implementation of ordinances and other regulatory mechanisms that prohibit illicit discharges into the MS4 conveyances

The City of Goshen continues to enforce its illicit discharge ordinance.

BMP 3: Continue programs that detect, address, and eliminate illicit discharges, including illegal dumping, into the MS4 conveyance system.

The Goshen Stormwater Department now has two employees and the waterways and outfalls have been divided up into five sections so an outfall survey can be conducted each year to evaluate the condition of regulated outfalls and conduct dry weather screening to identify any illicit connections to MS4 conveyances. The survey process has been integrated with the City's GIS, which allows quicker inspections and better integration of the survey data for future reference and tracking.

- During this reporting period, staff screened 46 public outfalls and no illicit discharges were found.

In addition:

- The City evaluates industrial facilities on a case-by-case basis to determine whether discharges to an MS4 conveyance comply with all applicable ordinances.
- The City uses its closed-circuit camera truck to document the existing condition of sanitary and storm sewer pipes and to identify any unknown connections. The collected data is then integrated into the City's GIS.
- The City issues a challenge to all employees called "The Great Stormwater Hunt," in which City employees can report potential illicit discharge incidents. The incident reports are investigated and an illicit discharge determination is made. If an illicit discharge is occurring the Stormwater Department follows up with the violator and ensures proper cleanup takes place.
 - o During this reporting period, City employees and elected officials reported 21 incidents with eight (8) determined to be an illicit discharge, 12 identified as an erosion and sediment control issue, and one (1) classified as a non-illicit discharge stormwater issue.

BMP 4: Continue education programs about the hazards associated with illicit discharges and improper disposal of waste.

During this reporting period:

- The Stormwater Newsletter (See Part E, Section 17(a), BMP 1) included illicit discharge information and encouragement to look for potential illicit discharge incidents.
- When possible, educational information is handed out to those who have caused an illicit discharge to educate them to prevent future illicit discharge incidents.

BMP 5: Continue existing recycling programs for commonly dumped wastes.

The Elkhart County Landfill & Solid Waste Management District began to close down recycling centers throughout Elkhart County during the 2022 reporting period due to misuse by community members. The City of Goshen and Elkhart County entered into an agreement for the City to build a new recycling drop-off center with funding assistance from the County. Once the facility is open it will be managed by the City of Goshen and open to all residents of Elkhart County.

In addition, a new trash and recycling contract with Borden Waste Away began on August 1, 2022. This new contract began the curbside recycling program for all residential properties within the City. The Goshen Environmental Resilience Department manages the contract and works to provide information and resources to community members on their webpage: goshenindiana.org/trash-recycling.

The City of Goshen offers a program called "Beautify Goshen" where city residents can drop off many items (e.g., tires; non-hazardous refuse (e.g., furniture, carpeting, lumber, drywall, insulation, etc.); e-waste; and white goods (e.g. refrigerators, air conditioners, etc.)) to the Street Department during the first full week in May with no limitations on the number of

items that can be disposed of.

- b) *Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.*

One challenge the City of Goshen has encountered more so during this reporting period is how to concretely prove someone has violated the City's illicit discharge ordinance. The issue is without the purported violator's name on the released material (e.g., trash) or pictorial or video evidence of the release the violator cannot be charged with a violation. The Goshen Stormwater Department is working on ways to address this challenge.

- c) *Identify changes made to the IDDE Plan during this reporting period if applicable.*

No changes were made to the City's IDDE Plan.

- d) *Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.*

No updates or revisions were made during the reporting period.

- e) *Describe level of mapping and screening completed to date. If there are unmapped or unscreened outfalls, provide a plan and timetable for completion.*

During this reporting period:

- Mapping is complete and all regulated outfalls have been screened within the past five years.
- Non-regulated private outfalls have also been screened.
- All new outfalls and newly constructed or discovered outfalls are GPS located and cataloged in the City's GIS.

Part H: CONSTRUCTION SITE STORMWATER RUNOFF CONTROL
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20. Identify the BMPs for the Construction Site Stormwater Runoff Control Program 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 minimum control measure (MCM) including timetables and measurable goals during this reporting period.*

BMP 1: Continue to implement construction site stormwater management ordinances

The City of Goshen has a construction site runoff control ordinance that met the requirements of Rule 5, which was replaced by the Construction Stormwater General Permit (CSGP) at the end of 2021. The City of Goshen is currently working to update

stormwater ordinances to comply with both the CSGP and the MS4 General Permit. Additionally, the City of Goshen partners with the Elkhart County SWCD to review project SWPPPs and conduct routine site inspections. The City of Goshen also conducts routine site inspections of construction sites and if the SWCD is not able to get compliance from a construction project then the City of Goshen will take necessary enforcement steps to bring the construction project into compliance.

The Elkhart County SWCD keeps a monthly summary report of construction site SWPPP reviews and inspections, which can be provided upon request. During the reporting period, the Elkhart County SWCD reviewed 12 SWPPPs (three (3) public, nine (9) private), conducted 75 site inspections, and approved 21 construction sites for the submittal of a Notice of Termination application to IDEM.

During the reporting period, the City of Goshen conducted 118 inspections and took the following enforcement actions:

- Warning Letter of Non-compliance: 2
- Violation Notice: 12
- Brought before Stormwater Board for Public Hearing: 0
- Stop Work Order: 0
- Agreed Order: 0
- Penalties Assessed: \$0

BMP 2: Annual training of MS4 Area inspectors and plan reviewers

City of Goshen stormwater staff attended or participated in the following training sessions during the reporting period:

Stormwater Superintendent

- Indiana MS4 Partnership Annual Meeting (May)

Stormwater Coordinator – Jason Kauffman

- Showcasing Leading Practices in Climate Adaptation Webinar Series – Webinar 5: Green Stormwater Infrastructure (January)
- LTAP Stormwater Drainage Conference (February)
- IN Water Resource Regulatory Update & Discussion Webinar (February)
- Christopher Burke Engineering Webinar Series – New IDEM Construction Stormwater General Permit (February)
- Indiana MS4 Partnership Annual Meeting (May)
- Setting the Standard for Trash and Litter Capture – Sponsored by StormTrap (September)
- INAFSM Annual Conference (September)
- Hydro International Webinar Series - Weather and Climate Science for Stormwater Management (September)

Stormwater Specialist – Mattie Lehman

- Indiana Watershed Leadership Academy
- WOTUS and Wetland Indiana Regulations (February)
- Warsaw Stormwater Utility's ESC Webinar (April)
- Indiana MS4 Partnership Annual Meeting (May)

Stormwater Technician (New Hire) – Ryan Miller

- MS4 CECI Training with NPDES Institute (August)
- INAFSM Annual Conference (September)
- Reviewed the INAFSM Good Housekeeping and Pollution Prevention Modules

Stormwater Specialist (New Hire) Boston Snyder

- City of Fort Wayne Northern Indiana Stormwater Conference (October)

Elkhart County SWCD Conservationist – Todd Clark

- 60 total Professional Development Hours in 2022
- LTAP – Purdue University 2/10/2022 - 8 hours
- Indiana MS4 Partnership Annual Conference - Indianapolis 5/10/2022 – 8 hours
- MS4 CECI Training with NPDES Institute – LaPorte 8/25 & 8/26/2022 - 16 hours (+ certification)
- INAFSM Annual Conference – South Bend 9/14, 9/15, 9/16 2022 - 15 hours
- Northern Indiana Stormwater Conference – Fort Wayne 10/5/2022 – 8 hours
- IDEM SWCD Plan Reviewers Training – Warsaw 12/14/2022 – 5 hours

BMP 3: Continue to implement programs to receive, track, and respond to construction site stormwater complaints

The Elkhart County SWCD houses a report a polluter page on their website for general illicit discharges that would include sediment tracking or discharges off construction sites. Additionally, contact information is made available for all members of the stormwater partnership. All complaints that are directed to the SWCD are tracked on a summary report housed at the SWCD and disseminated to the Stormwater Partnership members monthly. Complaints are inspected and tracked in the PermiTrack_{ESC} system and turned over for enforcement if compliance is not met.

During this reporting period, the Elkhart County SWCD received one (1) complaint within the City of Goshen. A complaint log is kept, documenting the date and nature of the complaint as well as all responsive actions taken.

The City of Goshen also tracks erosion and sediment control complaints and received 12 from City Staff, which is recorded in the Great Stormwater Hunt documentation (see Part G, Section 19(a), BMP #3) and one (1) complaint from a community member, for a total

of 14 construction site stormwater related complaints.

BMP 4: Continue to provide educational workshops for contractors

Due to past challenges in reaching contractors, developers, plan preparers, and others in the construction industry, the Elkhart County SWCD pivoted and began implementing a flexible training opportunity that “Brings the Contractor Workshop to the Contractor”. The 90-minute training covers the CSGP and the PermiTrack^{ESC} inspection cloud-based software the Stormwater Partnership requires inspectors to use. This training is intended to offer Elkhart County-specific information and is available in-person, virtual, on-site, and at the office of the contractor as an addition to an existing meeting. Each year an additional large group workshop will be offered to serve as an annual training update for contractors. This large group training did not happen in 2022, however, the 90-minute trainings reached more than 200 inspectors, contractors, and engineers.

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

The collaboration the Stormwater Partnership entities have with the Elkhart County SWCD allows for plan reviews and initial site inspections (pre-construction meetings) to be consistent throughout all MS4 areas. To make the SWPPP submittal process faster the Elkhart County SWCD now requires all SWPPP submittals to be provided electronically. This has been a success in reducing the amount of time engineering firms spend on submitting a project SWPPP and this has been appreciated.

One challenge the Stormwater Partnership and the Elkhart County SWCD continue to encounter is the confusion contractors sometimes have regarding who is responsible for issuing violations and implementing enforcement ordinances. This is an ongoing challenge the Stormwater Partnership has been dealing with for many years and seems to persist because of the turnover experienced in the construction industry. When this issue arises the Elkhart County SWCD and the City of Goshen work together to explain how our partnership works.

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.

See Part H Section 20(a), BMP 1 above for this information.

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

See Part H, Section 20(a), BMP 4 above explaining how seven (7) training meetings were provided.

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.

See Part H, Section 20(a), BMP 2 above for the training MS4 staff received.

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

No updates or revisions were made during the reporting period.

Part I: POST-CONSTRUCTION STORMWATER RUNOFF CONTROL

21. Identify the BMPs for Post-construction Stormwater Runoff Control included 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.

BMP 1: Continue to implement post-construction ordinances.

The City of Goshen continues to carry out detailed review processes for post-construction plan review and when found to be acceptable, along with the project site plans, each document is accepted and signed by The Goshen Stormwater Board, and recorded at the County Recorder's Office. Parcels with a Post-Construction Stormwater Management Plan are documented in the City's GIS for tracking purposes.

BMP 2: Where appropriate, the MS4 entities shall use storage, infiltration, filtering, and/or vegetative practices to reduce the impact of pollutants in stormwater runoff on the receiving waters.

Where necessary oil/water and sand separators are required to be installed on both private and public projects to prevent oils, fuels, etc. from being discharged with stormwater.

Where a project requires a new outlet or a new connection to an existing outlet to an MS4 conveyance, waterbody, or waterway the City of Goshen requires some type of stormwater treatment unit be installed (e.g., hydrodynamic separator or a pipe downturn or similar device).

- During this reporting period, zero (0) stormwater treatment units were installed on publicly funded projects.
- The City's goal is to visually inspect all private and public stormwater treatment measures annually and have the MS4-owned and operated

(public) units cleaned. It should be noted that all 14 publicly owned treatment units were cleaned during this reporting period and some had not been cleaned for nearly five (5) years.

The City works to minimize the installation of Class V injection wells, however, if conditions on a project necessitate the installation of a Class V injection well(s) then the project/property owner is required to submit the proper registration forms to the EPA and provide a copy to the City Engineering Department.

BMP 3: Annual Personnel Training.

See Part H, Section 20(a), BMP 2 for a list of training City of Goshen Stormwater staff attended during this reporting period.

BMP 4: Operational and maintenance plan for structural stormwater BMPs.

The City's post-construction ordinance is set up to review properties with a post-construction stormwater plan on a 5-year interval. The City continues to work with property owners with a post-construction plan to educate them on their agreed responsibilities. This is an ongoing effort due to employee turnover and property ownership changes.

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

Although the requirements have been established for many years, the City continues to receive plans that are not acceptable and must be resubmitted two or three times. Staff continues to spend a considerable amount of time with plan reviews and therefore, the City provides an example post-construction stormwater management plan (PCSMP) and stormwater maintenance agreement to organizations who are new to the area to help them with the submittal of an acceptable PCSMP.

The City of Goshen reversed a policy to accept PCSMPs at the end of a project to only record one document with the Elkhart County Recorder's office due to an exorbitant amount of time having to be spent on "chasing" down PCSMPs that were not being submitted promptly. The Goshen Stormwater Department will hold up the issuance of a Certificate of Occupancy (C of O) until the signed PCSMP is submitted.

To ensure all post-construction stormwater quality and quantity measures are properly installed and the project site is adequately stabilized a final site inspection is conducted before a C of O is issued by the Goshen Building Department. Issues identified during this final site inspection must be corrected before the C of O is issued.

To allow for occupancy of a building completed between November and March a project owner can enter into an agreement with the City of Goshen called a Completion Agreement

(Agreement). This Agreement allows for a C of O to be released before a site is adequately stabilized and/or Planning Department requirements have been met due to winter weather conditions (i.e., frozen ground). The Agreement is accompanied by a Surety (cash, check, bond, etc.) to ensure that if the project owner does not complete the agreed work by a specific date, then the City of Goshen can complete the work for them and recoup their costs by way of the Surety. Additionally, the property owner is required to have temporary erosion and sediment control measures installed and to maintain them until the Agreement requirements have been satisfied.

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

The Goshen Stormwater Management Department works with City Departments as described above in Section b). Working with the Water & Sewer Department to clean out publicly owned stormwater treatment units was a success during this reporting period.

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

See Part H, Section 20 (a), BMP 2 for the training the City of Goshen Stormwater staff attended during this reporting period.

e) Identify updates or revisions to the stormwater ordinance or other regulatory mechanism made during this reporting period.

No updates to the post-construction ordinance have occurred during this reporting period, however, the Stormwater Departments policy of the past few years to record post-construction stormwater management plans towards the end of projects has been changed back to recording PCSMPs at the beginning of a project. This is due to project owners and plan preparers not submitting the final PCSMP document promptly at the end of a project requiring the Stormwater Department to spend an exorbitant amount of time “chasing” the submittal of the PCSMP.

The Occupancy Permit Agreement process was updated and renamed Completion Agreement due to confusion caused by the name and contractors and property owners thinking the Occupancy Permit Agreement took the place of the Certificate of Occupancy issued by the Goshen Building Department.

Part J: MUNICIPAL OPERATIONS POLLUTION PREVENTION AND GOOD HOUSEKEEPING

22. Identify the BMPs for Pollution Prevention and Good Housekeeping included 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.

BMP 1: Continue to implement Good Housekeeping plans

For the reporting period:

- Goshen continues to maintain its facility inspection records and updated the Stormwater Pollution Prevention Plan for each municipal facility.
- City employees receive monthly stormwater training through the Stormwater Toolbox Newsletter.
- Relevant and helpful stormwater training webinars are also passed on to department heads to be shown to their employees.
- Pollution prevention and good housekeeping training have increased employee awareness and have led to more reports of potential illicit discharge incidents observed throughout the City.

BMP 2: Controls to minimize the discharge of pollutants from existing operational areas.

For the reporting period:

- The City maintained a total of 18 “Pet Mitten Disposable Pet Waste Mitten” dispensers along pedestrian paths and in City parks for use by the public to help clean up after their pets and to keep *E. coli* and other bacteria from becoming a stormwater pollutant.
- Pollution prevention and good housekeeping measures continue to be used at municipal facilities throughout the City. Additional measures are purchased as needs are identified.
- The City continues to look into using alternative stormwater practices like green infrastructure, instead of curb and gutter and stormwater pipe.
- Goshen’s annual catch basin cleaning and maintenance program collected **1,395* cubic yards** of material, while the street sweeping program collected **3,804.75 tons** of material during this reporting period. All of this material was prevented from going into our local rivers and streams.
 - o *The amount of material removed from catch basins included the accumulated debris from the City’s 14 stormwater treatment units, some of which had not been cleaned out for nearly five years.

BMP 3: Pollution reduction and prevention from flood improvement projects.

During the reporting period, the City of Goshen had no new flood improvement projects, however, the construction of the new Parks Maintenance Building began as part of the relocation of Parks and Recreation buildings out of the floodplain of the Elkhart River due to damages sustained during the historic flood of February 2018. The new building is expected to be completed in 2023 and discussions are ongoing regarding how the existing building and improvements will be handled.

BMP 4: MS4 Area employee training

During this reporting period:

- MS4 employee training is offered monthly through the Stormwater Toolbox Newsletter, which is emailed to all employees along with a bi-weekly City newsletter called the Maple City Communicator. For those employees who do not receive email, the newsletter is printed out and gone over during a department meeting.
- Additional training is offered as it becomes available.
- The following City departments have employees licensed through the Office of Indiana State Chemist for the application of pesticides, fertilizers, or herbicides. These employees attend annual training to maintain their licenses.
 - o Maintenance Department – one employee with a Category 3B pesticide applicator license
 - The application of pesticides, fertilizers, and herbicides by the Parks Department falls under the Maintenance Department employee license.
 - o Water & Sewer Department – two employees with a Category 8 and Core applicator license
- The City of Goshen is working with the Parks Department and Cemeteries to have at least one person receive the Core Training from the Office of Indiana State Chemist.

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.

During this reporting period, no problems have been encountered or changes implemented due to ineffectiveness or infeasibility at our MS4-owned and operated facilities.

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

A vector truck receiving station was completed as part of the Wastewater Treatment Plant site improvements project during the reporting period. This station allows the City's two (2) vector trucks to empty their tanks into two dewatering boxes/dumpsters, which will contain the solids picked up during operation and allow the water to drain to the sanitary sewer.

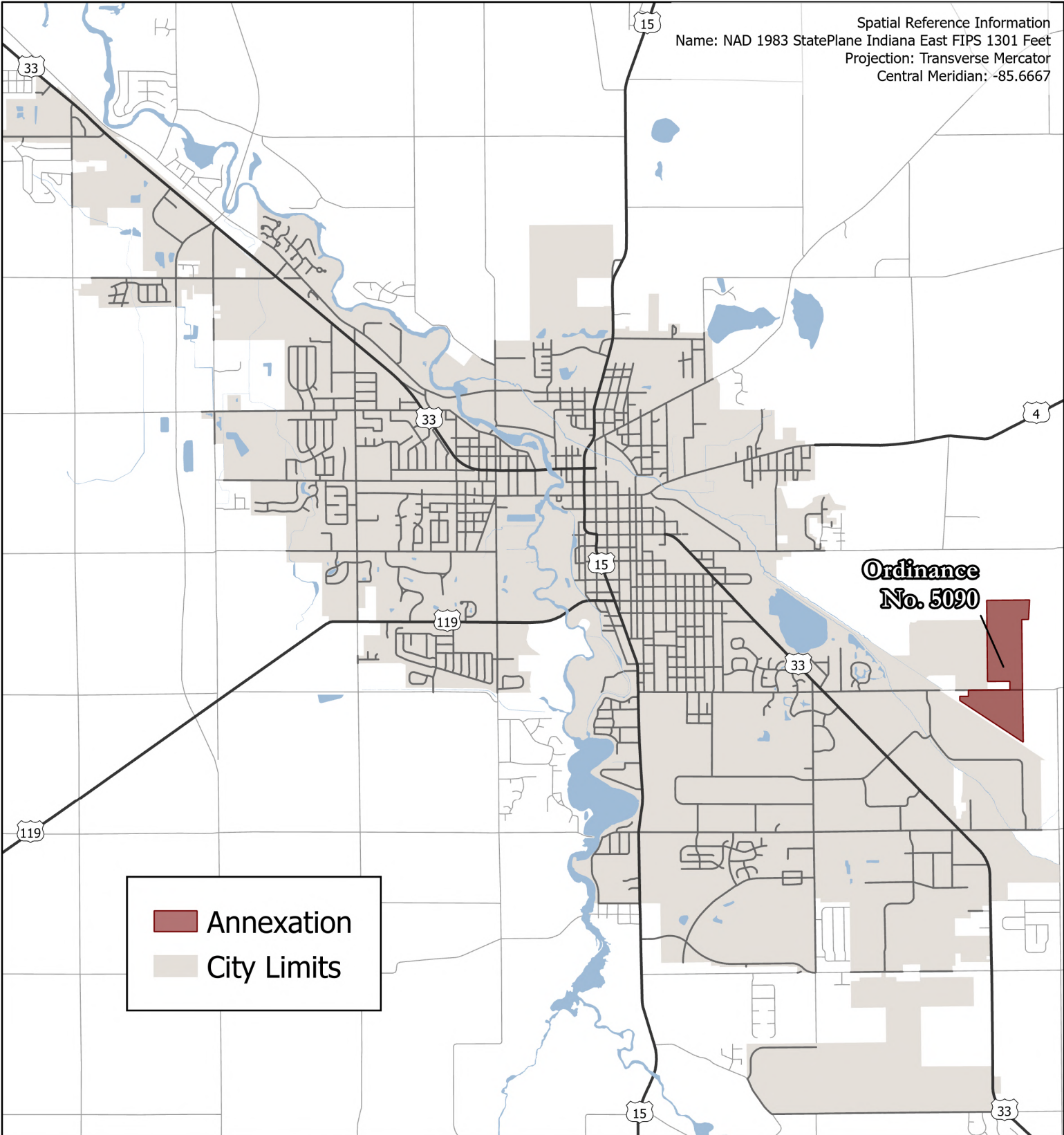
d) Identify and describe appropriate stormwater training provided to MS4 employees. Employees are required to have a minimum training once per year.

Goshen: See Part J, Section 22(a), BMP 4 above.

APPENDIX B: STORMWATER ANNUAL REPORT – ANNEXATION MAP

REPORTING PERIOD: 2022

Spatial Reference Information
Name: NAD 1983 StatePlane Indiana East FIPS 1301 Feet
Projection: Transverse Mercator
Central Meridian: -85.6667



Annexation
City Limits

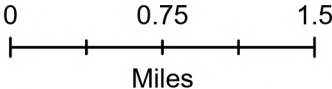
**Ordinance
No. 5090**

City of Goshen Annexations Since 2020

Created: 3/28/2023



1 inch = 5,000 feet



The City of Goshen's Digital Data is the property of the City of Goshen and Elkhart County, Indiana. All graphic data supplied by the city and county has been derived from public records that are constantly undergoing change and is not warranted for content or accuracy. The city and county do not guarantee the positional or thematic accuracy of the data. The cartographic digital files are not a legal representation of any of the features depicted, and the city and county disclaim any assumption of the legal status they represent. Any implied warranties, including warranties of merchantability or fitness for a particular purpose, shall be expressly excluded. The data represents an actual reproduction of data contained in the city's or county's computer files. This data may be incomplete or inaccurate, and is subject to modifications and changes. City of Goshen and Elkhart County cannot be held liable for errors or omissions in the data. The recipient's use and reliance upon such data is at the recipient's risk. By using this data, the recipient agrees to protect, hold harmless and indemnify the City of Goshen and Elkhart County and its employees and officers. This indemnity covers reasonable attorney fees and all court costs associated with the defense of the city and county arising out of this disclaimer.

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