

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PROGRAM STORM WATER QUALITY MANAGEMENT PLAN (SWQMP)

for



Vanderburgh County, Indiana
1 NW Martin Luther King Jr. Blvd.
Evansville, Indiana 47708
NPDES Storm Water Permit #INR040030

as required by

Indiana Department of Environmental Management
MS4 General Permit #INR040000

Prepared by:



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1.0 PROGRAM OVERVIEW

1.1 Introduction

Vanderburgh County has been designated a Municipal Separate Storm Sewer System (MS4) by the Indiana Department of Environmental Management (IDEM). An MS4 is defined as a conveyance or system of conveyances owned by a public entity that discharges to waters of the United States and is designed or used for collecting or conveying storm water. Regulated conveyance systems include roads with drains, municipal streets, catch basins, curbs, gutters, storm drains, piping, channels, ditches, tunnels, and conduits. Vanderburgh County has jurisdiction within the county boundaries.

MS4s were regulated by 327 IAC 15-13 (Rule 13) from 2003 until December 18, 2021, when IDEM revised the regulations and converted to an administratively issued general National Pollutant Discharge Elimination System (NPDES) permit, which is known as the MS4 General Permit (MS4GP).

This Storm Water Quality Management Plan (SWQMP) meets the requirements of the MS4GP, includes information about the MS4, and describes Best Management Practices (BMPs) and other provisions to reduce the discharge of pollutants from the MS4 into receiving waters.

1.2 Program Compliance

In compliance with Rule 13, Vanderburgh County's original Notice of Intent (NOI) was submitted to the Indiana Department of Environmental Management (IDEM) in 2003. A Notice of Sufficiency (NOS) and permit number INR040030 was issued by IDEM. Vanderburgh County maintained compliance with Rule 13.

Vanderburgh County submitted a new NOI under the MS4GP in 2022. Permit documentation is included in **Appendix A**. Vanderburgh County will complete a Water Quality Characterization Report (WQCR) to identify available information and water quality concerns. It will be included in **Appendix B** following submittal to IDEM prior to the due date of April 1, 2023.

1.3 Purpose

The purpose of this SWQMP is to build off Vanderburgh County's WQCR, previous SWQMP, and other progress made by the MS4. This report includes a detailed program description including BMPs and measurable goals for each of the six Minimum Control Measures (MCMs). Following is a list of the MCMs:

- MCM 1 and 2: Public Education, Outreach, Participation, and Involvement
- MCM 3: Illicit Discharge Detection and Elimination
- MCM 4: Construction Site Storm Water Run-off
- MCM 5: Post Construction Storm Water Run-off

- MCM 6: Municipal Operations Pollution Prevention and Good Housekeeping

The **Implementation Schedule** provides the dates each BMP will be identified, revised, and completed, as well as the schedule for BMPs that are routinely implemented. Refer to **Appendix C, Table C-1**. Appendices to this report will include worksheets and forms used by the Vanderburgh County MS4 for recordkeeping as they are completed.

2.0 GENERAL REQUIREMENTS

2.1 Responsible Entities

The overall MS4 Program is the responsibility of the County Commissioner's President who serves as the MS4 Operator. The Storm Water Coordinator maintains the program documentation and is responsible for implementation. The list of **MS4 Responsible Entities**, or individuals and contact information for each person administering the program, will be included in **Appendix C, Table C-2**. The BMP sheets in the SWQMP identify responsible entities for each MS4 activity or requirement.

2.2 MS4 Jurisdiction

Per the requirements of the MS4GP, a county designated as a MS4 may elect to administer specific program components, to the extent of its authority, to any additional portion of the county. However, a county MS4 entity, at minimum must:

- 1) Identify the area that it will administer the program as delineated to the nearest political township or section.
- 2) Identify the program component(s), if applicable, that will be administered beyond the mapped urbanized area.
- 3) Administer construction and post-construction ordinances or other regulatory mechanism required by this permit county wide, excluding incorporated cities and areas for which the County MS4 entity does not have jurisdiction.
- 4) Manage all facilities in accordance with the Pollution Prevention and Good Housekeeping minimum control measure (MCM) that are owned and/or operated by the MS4 entity in accordance with this permit, regardless of whether the facility is within the mapped UA.

Vanderburgh County's MS4 boundaries are the same as the county boundaries, but excludes the incorporated boundaries of the City of Evansville (MS4) and Town of Darmstadt (MS4) and the boundaries of the University of Southern Indiana (MS4), University of Evansville (MS4), and Ivy Tech State College – Southwest. Refer to the **MS4 Boundary Map in Appendix D, Figure D-1**. The MS4 implements the MCMs of the SWQMP within the county boundaries, excluding other MS4 areas.

The MS4, in cooperation with the City of Evansville, has staff that maintains the county's geographic information system (GIS). Several county departments update the GIS system separately if additional layers need to be added. Annexations and construction projects are inputted as they are completed.

2.3 Minimum Control Measure Descriptions

Section 3 includes details of each BMP including: descriptions, measurable goals, responsible entity, schedule, reporting and recordkeeping, target constituents (if applicable), and whether the BMP is new or existing. BMP sheets that require further explanation or details, are

provided with a Standard Operating Procedure (SOP). The SOPs will be included in **Appendix G** as they are developed.

An initial evaluation of the county's storm water quality was conducted in the WQCR and incorporated into the SWQMP. Several BMPs are implemented for each MCM. Some BMPs apply to multiple MCMs, as indicated on the BMP detail page.

3.0 STORM WATER QUALITY MANAGEMENT PLAN

3.1 Public Education, Outreach, Participation, and Involvement

The purpose of the public education and outreach program is to inform targeted constituents within the MS4 area about how pollution can impact water quality and provide information on how they can prevent storm water pollution.

The purpose of the public participation and involvement program is to allow targeted constituents to provide input into the SWQMP, improve community storm water practices, and take part in storm water quality improvement projects. The MS4's public participation and involvement program will implement a community storm water pollution prevention program that will invite participation from all constituent groups. This program will center on pollution prevention and reporting, public meetings, volunteer activities, and interactive educational programs in conjunction with other local entities.

Vanderburgh County's strategy for implementing the Public Education, Outreach, Participation, and Involvement MCM is identified in the BMPs sheets in this section. Referenced tables are included in **Appendix C** and will be completed per the schedule in each BMP Sheet.

Community Storm Water Issue - Construction		
<p>BMP Description</p> <p>Identify a storm water issue focused on construction activities that may include contractors, developers and builders, engineers, and property owners (commercial, industrial, residential, homeowner associations), and other targeted entities. Conduct one public education event for the issue during the permit term.</p> <p>The MS4 will provide information on the MS4's plan review process and conversion to the CSGP. The information may include erosion control BMPs, CSGP regulations, or spill prevention and spill response planning.</p>		
<p>Measurable Goals</p> <p>Increase awareness of MS4's construction approval process by providing educational information.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator</p>		
<p>Schedule</p> <p>Identify issue in first year. Revise/develop educational material(s) by end of third year. Determine event by end of third year and complete event in the permit term. Provide educational materials with each permit approval under the CSGP. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution, Table C-4 List of Public Events, Table C-9 CSGP Project Inventory</p>		
<p>Environmental Impact</p> <p>Educate targeted audience on construction and drainage approval process.</p>		
<p>Recordkeeping</p> <p>Construction issue identified on 10/12/2022.</p> <p>Record the date when the construction event is determined on Table C-1 and when the event occurs on Table C-3.</p> <p>Track the number of local building permits issued and CSGPs approved that were provided education on Table C-9.</p>		
<p>Reporting</p> <p>4.3 (h)(1) – Report status update on BMP and the number of permits issued.</p> <p>4.3 (h)(2) – Report each public participation/outreach event(s) and activities conducted, a description of the activity, an estimate of the number of participants, and an assessment if the goals and objectives were met.</p> <p>4.2 (h)(3) – Report the number and types of other construction and/or post-construction storm water training opportunities provided.</p>		
<p>Minimum Control Measures:</p> <p><input checked="" type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input checked="" type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.3 (a)(2)(A)</p> <p>Reporting:</p> <p>Section 4.3 (h)(1), (2) & (3) Annual Report</p>	<p><input type="checkbox"/> Current BMP</p> <p><input checked="" type="checkbox"/> New BMP</p> <p>BMP Revision Date:</p> <p>NA</p>

Community Storm Water Issue – Residential		
<p>BMP Description</p> <p>Identify a storm water issue focused on residential activities impacting storm water quality. Conduct one public education event for the issue during the permit term.</p> <p>The MS4 will provide storm water information/brochures to the public to educate them on illicit discharge detection and elimination identification. Provide the materials at county offices and on the website. Other distribution methods may include mailers, social media posts, SWCD/SWMD events, or other public events.</p>		
<p>Measurable Goals</p> <p>Increase public awareness and knowledge of illicit discharge detection and elimination by providing educational materials and information to the public.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator</p>		
<p>Schedule</p> <p>Identify issue in first year. Revise/develop educational material(s) by end of third year. Determine event by end of third year and complete event by end of the permit term. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution, Table C-4 List of Public Events</p>		
<p>Environmental Impact</p> <p>Educates residents on potential impacts to storm water from illicit discharges.</p>		
<p>Recordkeeping</p> <p>Residential issue identified on 10/12/2022. Record the date when the residential event is determined on Table C-1 and when the event occurs on Table C-3.</p> <p>Track the approximate number of residents educational materials reached (Facebook likes, views, hits, etc.) on Table C-3.</p> <p>Track the number of outreach activities conducted for SW issue (Facebook posts, mailers, website, etc.) on Table C-4.</p>		
<p>Reporting</p> <p>4.3 (h)(1) – Report status update on BMP.</p> <p>4.3 (h)(2) – Report each public participation/outreach event(s) and activities conducted, a description of the activity, an estimate of the number of participants, and an assessment if the goals and objectives were met.</p> <p>4.3 (h)(5) – Report number of activities conducted and approximate total of residents reached. Discuss if a change of behavior was observed.</p>		
<p>Minimum Control Measures:</p> <p><input checked="" type="checkbox"/> Public Education/Involvement</p> <p><input checked="" type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.3 (a)(2)(B)</p> <p>Reporting:</p> <p>Section 4.3 (h)(1), (2) & (5) Annual Report</p>	<p><input type="checkbox"/> Current BMP</p> <p><input checked="" type="checkbox"/> New BMP</p> <p>BMP Revision Date:</p> <p>NA</p>

Community Storm Water Issue – Commercial/Industrial		
<p>BMP Description</p> <p>Identify a storm water issue focused on commercial/industrial activities. Conduct one public education event for the issue during the permit term.</p> <p>The MS4 contains very few urban areas with commercial or industrial facilities. The MS4 will educate commercial/industrial facilities on the proper housekeeping procedures for dumpsters.</p>		
<p>Measurable Goals</p> <p>Increase knowledge of proper trash dumpster housekeeping and storm water impacts to industrial/commercial sites.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator</p>		
<p>Schedule</p> <p>Identify issue in first year. Revise/develop educational material(s) by end of third year. Determine event by end of third year and complete event by end of the permit term. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution, Table C-4 List of Public Events.</p>		
<p>Environmental Impact</p> <p>Reduce pollution potential by educating industrial/commercial facilities.</p>		
<p>Recordkeeping</p> <p>Commercial/industrial issue identified on 10/12/2022. Record the date when the commercial/industrial event is determined on Table C-1 and when the event occurs on Table C-3.</p> <p>Track the approximate number of businesses educational materials reached (FB likes, views, hits, etc.) on Table C-3.</p> <p>Track the number of outreach activities conducted for SW issue (FB posts, mailers, website, etc.) on Table C-4.</p>		
<p>Reporting</p> <p>4.3 (h)(1) – Report status update on BMP and the number of sites receiving educational information.</p> <p>4.3 (h)(2) – Report each public participation/outreach event(s) and activities conducted, a description of the activity, an estimate of the number of attendees, and an assessment if the goals and objectives were met.</p> <p>4.3 (h)(5) – Report number of activities conducted and approximate total of businesses reached. Discuss if a change of behavior was observed.</p>		
<p>Minimum Control Measures:</p> <p><input checked="" type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.3 (a)(2)(C)</p> <p>Reporting:</p> <p>Section 4.3 (h)(1), (2) & (5) Annual Report</p>	<p><input type="checkbox"/> Current BMP</p> <p><input checked="" type="checkbox"/> New BMP</p> <p>BMP Revision Date:</p> <p>NA</p>

Public Events		
<p>BMP Description</p> <p>Conduct at least two public events annually (individually or collaboratively) that provide storm water educational materials or messages.</p> <p>Public events may include surveys, community cleanup events, household hazardous waste collections, County Commissioners meetings with a public commenting session, school activities, festivals, farmer's market, other community events, or events for the storm water quality issue identified for construction, residential, and commercial/industrial.</p>		
<p>Measurable Goals</p> <p>Increase local knowledge on storm water issues by providing two public events for participation.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator</p>		
<p>Schedule</p> <p>Complete two events per year. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution, Table C-4 List of Public Events</p>		
<p>Environmental Impact</p> <p>These educational efforts target storm water education and benefit the environment.</p>		
<p>Recordkeeping</p> <p>Track the number of public events completed, information provided/reviewed, and the approximate number of participants on Table C-4.</p>		
<p>Reporting</p> <p>4.3 (h)(1) – Report status update on BMP.</p> <p>4.3 (h)(2) – Report each public participation/outreach event(s) and activities conducted, a description of the activity, an estimate of the number of attendees, and an assessment if the goals and objectives were met.</p> <p>4.3 (h)(5) – Describe each targeted audience selected, how they were reached during the reporting period, and describe behavioral changes observed.</p>		
<p>Minimum Control Measures:</p> <p><input checked="" type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.3 (a)(3)</p> <p>Reporting:</p> <p>Section 4.3 (h)(1), (2) & (5) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Educational Materials		
<p><i>BMP Description</i></p> <p>Develop a list of educational materials for distribution and outreach opportunities for constituents. Maintain a list of all public education materials developed and used throughout the permit cycle, including those resources from existing programs.</p> <p>All MS4 and storm water educational materials developed for constituents will be listed in a spreadsheet. Materials are reviewed and revised per each BMP's schedule and additional materials are developed as needed. Educational materials can be distributed through the website, social media, hard copies, etc.</p>		
<p><i>Measurable Goals</i></p> <p>Organize and review developed materials to ensure the information is relevant prior to distribution.</p>		
<p><i>Responsible Entity</i></p> <p>Storm Water Coordinator</p>		
<p><i>Schedule</i></p> <p>Identify educational materials in the first permit year. Review and revised existing materials by the end of the third year or per the specific schedule in the BMP Sheet. Develop new materials as needed. Distribute as applicable during the permit term. Refer to Table C-1.</p>		
<p><i>Associated Documents</i></p> <p>Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution</p>		
<p><i>Environmental Impact</i></p> <p>Improve water quality and change behaviors through education.</p>		
<p><i>Recordkeeping</i></p> <p>Track revisions to educational materials and development of new materials on the Table C-3.</p> <p>Track when materials were distributed throughout the year on Table C-3.</p>		
<p><i>Reporting</i></p> <p>4.3 (h)(1) – Report status update on BMP.</p> <p>4.3 (h)(5) – Describe each targeted audience selected and how they were reached during the reporting period and describe behavioral changes observed.</p> <p>4.3 (h)(6) – Report (list) all the public education materials used during the reporting period.</p>		
<p><i>Minimum Control Measures:</i></p> <p><input checked="" type="checkbox"/> Public Education/Involvement</p> <p><input checked="" type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input checked="" type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p><i>Permit Requirement:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.3 (a)(4) and (d)</p> <p><i>Reporting:</i></p> <p>Section 4.3 (h)(1), (5) & (6) Annual Report</p>	<p><input type="checkbox"/> Current BMP</p> <p><input checked="" type="checkbox"/> New BMP</p> <p>BMP Revision Date:</p> <p>NA</p>

Construction/Post-Construction Training for Builders, Developers, Contractors, and Engineers		
<p><i>BMP Description</i> Provide annual training (individually or collaboratively) for builders, developers, contractors, engineers, etc. related to construction and post-construction site run-off.</p> <p>Training may take the form of educational brochures, forms, checklists, online training, pre-construction meetings, or workshops. The information may include erosion control BMPs, Construction Storm Water General Permit (CSGP) regulations, or spill prevention and spill response planning. Continue to provide the erosion control measures booklet when building permits and drainage approvals are submitted or when they are issued.</p>		
<p><i>Measurable Goals</i> Increase knowledge of MS4 construction and post-construction processes and procedures to contractors through training.</p>		
<p><i>Responsible Entity</i> Storm Water Coordinator</p>		
<p><i>Schedule</i> Revise/develop educational material(s) by end of the third year. Provide with each permit submittal and/or approval. Refer to Table C-1.</p>		
<p><i>Associated Documents</i> Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution, Table C-4 List of Public Events, Table C-9 CSGP Project Inventory</p>		
<p><i>Environmental Impact</i> These educational efforts target storm water education and construction site pollution prevention.</p>		
<p><i>Recordkeeping</i> Document completed training through attendance sheets, online training confirmation, completed quizzes, etc. on Table C-3.</p> <p>Track the number of local building permits and CSGPs issued that were provided education.</p>		
<p><i>Reporting</i> 4.3 (h)(1) – Report status update on BMP.</p> <p>4.3 (h)(3) – Report the number and types of construction and/or post-construction storm water training opportunities that were provided to contractors, developers, and builders.</p>		
<p><i>Minimum Control Measures:</i> <input checked="" type="checkbox"/> Public Education/Involvement <input type="checkbox"/> Illicit Discharge <input checked="" type="checkbox"/> Construction Site Control <input checked="" type="checkbox"/> Post-Construction Site Control <input type="checkbox"/> Municipal Operations </p>	<p><i>Permit Requirement:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Section 4.3 (a) (5)</p> <p><i>Reporting:</i> Section 4.3 (h)(1) & (3) Annual Report</p>	<p><input type="checkbox"/> Current BMP <input checked="" type="checkbox"/> New BMP</p> <p>BMP Revision Date: NA</p>

Illicit Discharge Public Education		
<p>BMP Description</p> <p>Develop and implement a program to educate constituents on illicit discharges and proper disposal of waste. Constituents include public employees, schools, businesses, and the public. Education may include target specific materials, brochures, guides, social media, or online information. Determine an outreach plan/schedule to distribute education to constituents.</p> <p>Existing materials will be revised and new materials developed as needed. Education can be distributed through the website, social media, hard copies, etc.</p>		
<p>Measurable Goals</p> <p>Increase public knowledge of illicit discharges through educational efforts.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator</p>		
<p>Schedule</p> <p>Develop an outreach program/schedule in the first year. Revise existing educational materials and create additional materials by the end of the third year and implement the rest of the permit term. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution, Table C-5 Training Matrix</p>		
<p>Environmental Impact</p> <p>Community knowledge helps to identify and eliminate illicit discharges to keep pollutants out of the MS4 system and receiving waters.</p>		
<p>Recordkeeping</p> <p>Record the date the outreach program/schedule was developed on Table C-1.</p> <p>Track revisions to educational materials and development of new materials on Table C-3.</p> <p>Track when materials were distributed throughout the year on Table C-3.</p> <p>For public employees, record completed training through attendance sheets, online training confirmation, completed quizzes, etc. and log on Table C-5.</p>		
<p>Reporting</p> <p>4.3 (h)(1) – Report status update on BMP.</p> <p>4.3 (h)(5) – Describe each targeted audience (constituent) selected, how they were reached during the reporting period, and describe behavioral changes observed.</p>		
<p>Minimum Control Measures:</p> <p><input checked="" type="checkbox"/> Public Education/Involvement</p> <p><input checked="" type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.3 (b)</p> <p>Reporting:</p> <p>Section 4.3 (h)(1) & (5) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Storm Water Website		
<p>BMP Description</p> <p>Revise and maintain a storm water information web page or links to direct the public to a location that contains storm water information. The site must include:</p> <ul style="list-style-type: none"> • Location for the public to report storm water quality issues • Information and resources to educate visitors to the site • MS4 storm water ordinances • Storm water fees and rates (Not Applicable) • MS4 program information (SWQMP, annual reports, and other applicable information) <p>Public can report illicit discharges and other pollution online through the Storm Water Management website.</p>		
<p>Measurable Goals</p> <p>Increase public awareness and participation by providing storm water information on the Storm Water website.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, Information Technology (IT) personnel</p>		
<p>Schedule</p> <p>Review annually and update when needed. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution</p>		
<p>Environmental Impact</p> <p>These educational efforts target storm water education and benefit the environment.</p>		
<p>Recordkeeping</p> <p>Record the dates the website was updated and annually reviewed.</p>		
<p>Reporting</p> <p>4.3 (h)(1) – Report status update on BMP and the dates the website was reviewed/updated.</p>		
<p>Minimum Control Measures:</p> <p><input checked="" type="checkbox"/> Public Education/Involvement</p> <p><input checked="" type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input checked="" type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.3 (c)</p> <p>Reporting:</p> <p>Section 4.3 (h)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Elected Officials Update		
<p>BMP Description</p> <p>Report storm water program updates to elected officials or an advisory board annually.</p> <p>Vanderburgh County Commissioners hold public meetings twice per month in person that is live streamed. A discussion on storm water/MS4 program implementation is on the agenda at the monthly meetings. These meetings are open to the public to discuss drainage issues, storm water quality or quantity issues, or other complaints that the public may have in the county.</p>		
<p>Measurable Goals</p> <p>Provide an opportunity to inform elected officials of program status and achievements and for the community to be involved with storm water drainage planning and to express concerns.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator</p>		
<p>Schedule</p> <p>Annually. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-4 List of Public Events</p>		
<p>Environmental Impact</p> <p>Educate elected officials and other attendees on storm water issues, budgets, and completed projects.</p>		
<p>Recordkeeping</p> <p>Record the date of the meeting and the storm water information reviewed on Table C-4. Minutes are taken at every meeting.</p>		
<p>Reporting</p> <p>4.3 (h)(1) – Report status update on BMP.</p> <p>4.3 (h)(4) – Documentation that presentations were made to the County Commissioners.</p>		
<p>Minimum Control Measures:</p> <p><input checked="" type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.3 (e)</p> <p>Reporting:</p> <p>Section 4.3 (h)(1) & (4) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

3.2 Illicit Discharge Detection and Elimination

The goal of the illicit discharge detection and elimination (IDDE) MCM is to detect, address, and eliminate illicit discharges into the MS4 conveyance system. Per the MS4GP, illicit discharge means any discharge to a MS4 conveyance that is not composed entirely of storm water, except naturally introduced floatables, such as leaves or tree limbs. Sources of illicit discharges include, but are not limited to sanitary wastewater, septic tank effluent, commercial car wash wastewater, oil spills or disposal, radiator flushing disposal, laundry wastewater, roadway accident spillage, pollutant run-off, and household hazardous wastes.

The MS4 is currently implementing BMPs to detect and eliminate illicit discharges and implements their illicit discharge ordinance. The ordinance will be revised to adhere to the requirements for the MS4GP and will be included as **Appendix E** upon completion. In conjunction with the public outreach and education MCM, Vanderburgh County has established BMPs to educate several constituent groups on the dangers of illicit discharges, proper disposal of commonly dumped wastes and the reporting of illicit discharges.

This section of the SWQMP provides specific information on the IDDE BMPs and constitutes the IDDE Plan to be reviewed and updated per Section 4.4 (b) of the MS4GP. Referenced tables are included in **Appendix C** and will be completed per the schedule in each BMP Sheet. Associated forms are included in **Appendix F** and will be completed per the schedule in each BMP Sheet. SOPs for this MCM will be included in **Appendix G** as they are completed.

Illicit Discharge Ordinance Updates		
<p>BMP Description</p> <p>Review and update an ordinance or other regulatory mechanism that prohibits illicit discharges into MS4 conveyances and establishes enforcement policy and procedures.</p> <p>The Illicit Discharges into Storm Water Collection System Ordinance was passed in 2007 and is incorporated into Chapter 13 of the municipal code. The illicit discharge ordinance will be reviewed and revised to meet the requirements of the MS4GP. This will include a review of enforcement procedures and update, as necessary, to make the enforcement measures effective.</p>		
<p>Measurable Goals</p> <p>Continue to maintain and enforce the illicit discharge ordinance.</p> <p>Review and update the ordinance to meet the MS4's needs and the MS4GP requirements.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, MS4 Consultant</p>		
<p>Schedule</p> <p>The ordinance will continue to be enforced. Review and update the ordinance within 730 days of NOI submittal. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule</p>		
<p>Environmental Impact</p> <p>The ordinance will prevent pollutants from entering the MS4 system by providing a mechanism to prohibit illicit discharges and enforce penalties.</p>		
<p>Recordkeeping</p> <p>A copy of the ordinance.</p> <p>Record the status of any updates in Table C-1 and the Annual Report.</p>		
<p>Reporting</p> <p>4.4 (k)(1) – Report status update on BMP and revision dates.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input checked="" type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.4 (a)</p> <p>Reporting:</p> <p>Section 4.4 (k)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Dry Weather Screening		
<p><i>BMP Description</i></p> <p>As part of the IDDE Plan, conduct dry weather field screening to detect and eliminate illicit discharges for all mapped storm water outfalls owned and/or operated by the MS4 per a schedule. Revise/develop an SOP for dry weather screening.</p> <p>The MS4 will perform screenings of all MS4-owned outfalls during the five-year permit term. In addition, staff will also monitor the storm water conveyance system to address any maintenance or illicit discharge issues through surface visual inspections. If issues are found, investigations will continue until the discharge is eliminated. The MS4 maintains an SOP for staff to follow in performing dry weather screening. If inspections occur during wet weather, observations will be recorded on the Outfall Inspection Form.</p>		
<p><i>Measurable Goals</i></p> <p>Develop a schedule and perform visual inspections of outfalls and screen for illicit discharges. Maintain SOP for staff to follow in performing dry weather screenings and investigations.</p>		
<p><i>Responsible Entity</i></p> <p>Storm Water Coordinator</p>		
<p><i>Schedule</i></p> <p>Develop a screening schedule and revise the SOP in the first year. Inspect all outfalls per the schedule within the 5-year permit term. Refer to Table C-1.</p>		
<p><i>Associated Documents</i></p> <p>Table C-1 Implementation Schedule, Table C-6 Dry Weather Screening Schedule, Outfall Inspection Form (Dry & Wet Weather), Dry Weather Screening SOP</p>		
<p><i>Environmental Impact</i></p> <p>Dry weather screenings will be used to identify and eliminate illicit discharges to keep pollutants out of the MS4 system and receiving waters.</p>		
<p><i>Recordkeeping</i></p> <p>Retain copies of Outfall Inspection Forms (Dry & Wet Weather). Record which outfalls were screened each year on Table C-6. Maintain copies of the SOPs.</p>		
<p><i>Reporting</i></p> <p>4.4 (k)(1) – Report status update on BMP. 4.4 (k)(5) – Report the number and location of dry weather outfalls screened for illicit discharges. 4.4 (k)(6) – Report the number and location of illicit discharges detected. 4.4 (k)(7) – Report the number and location of illicit discharges eliminated. 4.4 (k)(9) – Report the number of IDDE enforcement actions by the MS4.</p>		
<p><i>Minimum Control Measures:</i></p> <p><input type="checkbox"/> Public Education/Involvement <input checked="" type="checkbox"/> Illicit Discharge <input type="checkbox"/> Construction Site Control <input type="checkbox"/> Post-Construction Site Control <input type="checkbox"/> Municipal Operations</p>	<p><i>Permit Requirement:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Section 4.4 (b)(1) & (2), (h)</p> <p><i>Reporting:</i> Section 4.4 (k)(5-7 & 9) Section 4.4 (k)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP <input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Industrial Facility Mapping		
<p>BMP Description</p> <p>As part of the IDDE Plan, identify and map the active industrial facilities that discharge to an MS4 owned/operated conveyance and include facility names, addresses, telephone numbers, and type of industrial activity.</p> <p>The MS4 will identify and map industrial facilities within the MS4 area that discharge into an MS4 conveyance and maintain a map in the SWQMP.</p>		
<p>Measurable Goals</p> <p>Compile the locations and information on industrial facilities in the first year of the permit term and develop a map.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, MS4 Consultant</p>		
<p>Schedule</p> <p>Identify and map industrial facilities in the first year of the permit term. Information will be maintained and reviewed annually and updated as needed. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-7 List of Industrial Facilities, Figure D-2 Industrial Facilities Map</p>		
<p>Environmental Impact</p> <p>Mapping will allow the MS4 to track and eliminate illicit discharges from industrial facilities more effectively, thereby reducing pollution.</p>		
<p>Recordkeeping</p> <p>Information on industrial facilities within the MS4's boundaries was compiled from IDEM's List of NPDES Permits provided on their website.</p> <p>Record the date that mapping is completed and the status of any updates.</p>		
<p>Reporting</p> <p>4.4 (k)(1) – Report status update on BMP.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input checked="" type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.4 (b)(3)</p> <p>Reporting:</p> <p>Section 4.4 (k)(1) Annual Report</p>	<p><input type="checkbox"/> Current BMP</p> <p><input checked="" type="checkbox"/> New BMP</p> <p> </p> <p>BMP Revision Date:</p> <p>NA</p>

Collection of Hazardous Waste		
<p>BMP Description</p> <p>As part of the IDDE Plan, participate or coordinate in activities to keep commonly dumped wastes out of the collection system including, but no limited to, household hazardous waste, motor oil, antifreeze, and pesticides.</p> <p>Household hazardous waste (HHW) collection opportunities for residents is through Vanderburgh County Solid Waste Management District (SWMD). The SWMD holds Tox-Away days in the Spring and Fall. The MS4 will support the efforts by providing information about collection efforts through the website, mailers, or social media.</p> <p>Additional collection of motor oil, antifreeze, and/or pesticides is also available at various automotive parts stores and repair shops within the County and the City of Evansville. The MS4 will also support the collection efforts by providing information about events on its website.</p>		
<p>Measurable Goals</p> <p>Promote household hazardous waste collection opportunities on the website.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, Vanderburgh County SWMD</p>		
<p>Schedule</p> <p>Maintain website information throughout permit term. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-4 List of Public Events</p>		
<p>Environmental Impact</p> <p>Hazardous waste collection efforts promote proper disposal and keep potential pollutants from entering the MS4 system and receiving waters.</p>		
<p>Recordkeeping</p> <p>Maintain a link to the Vanderburgh County SWMD on the website.</p> <p>Document and record the events and/or locations available.</p> <p>Report efforts used to promote the programs</p>		
<p>Reporting</p> <p>4.4 (k)(1) – Report status update on BMP.</p>		
<p>Minimum Control Measures:</p> <p><input checked="" type="checkbox"/> Public Education/Involvement</p> <p><input checked="" type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.4 (b) (4)</p> <p>Reporting:</p> <p>Section 4.4 (k)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Illicit Discharge Detection and Elimination SOPs		
<p>BMP Description</p> <p>As part of the IDDE Plan, develop SOPs and forms to guide investigators for consistent investigations of complaints, dry weather screenings, and illicit discharges. Include in the SOPs:</p> <ul style="list-style-type: none"> • Procedures to investigate illicit discharges within 2 business days of being notified • Inspection requirements in response to complaints • Follow-up inspections to ensure corrective actions are completed • Methods used to eliminate illicit discharges • A prioritization system • Procedures for reporting immediate threats to human health or the environment • System to track illicit discharges <p>SOPs are reviewed and updated, as necessary. Staff are trained on SOPs as applicable to their job functions.</p>		
<p>Measurable Goals</p> <p>Maintain SOPs for illicit discharge investigation, dry weather screening, and complaint tracking.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator</p>		
<p>Schedule</p> <p>Revise/develop SOPs in the first year of the permit. Review SOPs annually and revise as needed. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Dry Weather Screening SOP, IDDE Investigation SOP, and Public Reporting SOP.</p>		
<p>Environmental Impact</p> <p>SOPs will be used to identify and eliminate illicit discharges to keep pollutants out of the MS4 system and receiving waters.</p>		
<p>Recordkeeping</p> <p>Maintain copies of the SOPs.</p> <p>Record annual reviews of SOPs on Table C-1.</p>		
<p>Reporting</p> <p>4.4 (k)(1) – Report status update on BMP.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input checked="" type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.4 (b) (1) and (b) (5)</p> <p>Reporting:</p> <p>Section 4.4 (k)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Public Reporting of Illicit Discharges		
<p>BMP Description</p> <p>As part of the IDDE Plan, review/update a program for public reporting of illicit discharges and spills. Identify a central contact point for complaints, illicit discharges, and spills and make available to the public. Utilize a hotline, website, or 24-hour phone number to receive citizen's reports. Revise an SOP on the inspection requirements in response to complaints and follow-up inspections to ensure corrective actions have been implemented.</p> <p>Contact information (phone and email) on reporting complaints, illicit discharges, spills, construction and post-construction issues, and other issues is available on the Storm Water website. Additionally, an Online Request can be submitted through the website. Information is logged on a form and in a spreadsheet. The MS4 maintains an SOP for staff to follow in logging and tracking complaints.</p>		
<p>Measurable Goals</p> <p>Promote the methods on how to report storm water complaints. Investigate potential illicit discharges within 2 business days. Maintain an SOP for public reporting.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator</p>		
<p>Schedule</p> <p>Update/implement program and SOP in first year of permit and continue implementation. Review SOP annually and revise as needed. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution, Storm Water Complaint & Illicit Discharge Form, Public Reporting SOP, internal tracking spreadsheet</p>		
<p>Environmental Impact</p> <p>Complaint tracking allows members of the community to identify and report potential pollutants that helps to identify and eliminate illicit discharges to keep pollutants out of the MS4 system and receiving waters.</p>		
<p>Recordkeeping</p> <p>Retain copies of Storm Water Complaints & Illicit Discharge Forms. Log complaints in internal tracking spreadsheet. Document outreach efforts on the reporting system on Table C-3. Track locations of illicit discharges to assist in identifying high priority areas.</p>		
<p>Reporting</p> <p>Section 4.4 (k)(1) – Report status update on BMP.</p>		
<p>Minimum Control Measures:</p> <p><input checked="" type="checkbox"/> Public Education/Involvement <input checked="" type="checkbox"/> Illicit Discharge <input checked="" type="checkbox"/> Construction Site Control <input checked="" type="checkbox"/> Post-Construction Site Control <input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sections 4.4 (b) (5), 4.4 (b) (6) (B), and 4.5 (m) (6)</p> <p>Reporting: Section 4.4 (k)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP <input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Develop Storm Sewer System Map		
<p><i>BMP Description</i></p> <p>Review and update the storm sewer system map as new collection and discharge systems are added, changes occur, or at least annually for all MS4 owned or operated outfalls. The storm water system map must include:</p> <ul style="list-style-type: none"> MS4 boundaries MS4 owned/operated outfalls with an alphanumeric identifier, latitude/longitude to 5 decimal places, and a photograph MS4 owned/operated conveyances (excludes private drains, swales, curbs/gutters, and field tile) Identify receiving waters and their status on the 303(d) list and/or USEPA approved TMDL Identification of high priority areas for illicit discharge based on land use, prior (illicit discharge) history, and frequency of discharges <p>All outfalls and conveyances regulated by the county are outside of incorporated towns. Mapping of additional outfalls and conveyances are added as they are identified.</p>		
<p><i>Measurable Goals</i></p> <p>Maintain storm sewer and outfall mapping. Map outfalls and conveyances as they are identified. Identify high priority areas based on complaints, illicit discharges, and other issues in the map.</p>		
<p><i>Responsible Entity</i></p> <p>Various departments depending on the type of data being added.</p>		
<p><i>Schedule</i></p> <p>Review mapping for requirements in the first year and revise as needed. Identify and map high priority areas in the first year. Review mapping annually. Refer to Table C-1.</p>		
<p><i>Associated Documents</i></p> <p>Table C-1 Implementation Schedule, Table C-8 List of Outfalls and Receiving Waters</p>		
<p><i>Environmental Impact</i></p> <p>Mapping will allow the MS4 to track and eliminate illicit discharges from more effectively, thereby reducing pollution.</p>		
<p><i>Recordkeeping</i></p> <p>All MS4 owned outfalls/conveyances and receiving waters are mapped in ArcGIS. Record the date the mapping was reviewed/updated per the requirements on Table C-1. Record the annual review of the mapping system on Table C-1 and the number of MS4 outfalls added to GIS.</p>		
<p><i>Reporting</i></p> <p>4.4 (k)(1) – Report status update on BMP. 4.4 (k)(3) – Summarize any mapping changes to outfalls and conveyances. 4.4 (k)(4) – Report the number of new MS4 outfalls mapped.</p>		
<p><i>Minimum Control Measures:</i></p> <p><input type="checkbox"/> Public Education/Involvement <input checked="" type="checkbox"/> Illicit Discharge <input type="checkbox"/> Construction Site Control <input type="checkbox"/> Post-Construction Site Control <input type="checkbox"/> Municipal Operations</p>	<p><i>Permit Requirement:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sections 4.2 (a)(1) and 4.4 (d-f)</p> <p><i>Reporting:</i> Section 4.4 (k)(1) & (3) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP <input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

IDDE Training for MS4 Staff		
<p><i>BMP Description</i></p> <p>Review and update the IDDE training program for MS4 staff responsible for detecting illicit discharges or illicit connections and implementing good housekeeping for MS4 facilities.</p> <p>The MS4 shall provide annual training to appropriate municipal staff on IDDE observation, SOPs, tracking, and investigation. Training may be conducted using videos, individual training materials, multi-departmental meetings, and other methods.</p>		
<p><i>Measurable Goals</i></p> <p>Revise or develop training materials for staff training within 360 days of permit coverage.</p> <p>Provide training to applicable staff members annually.</p> <p>Provide training within specified timeframes for new hires and applicable seasonal employees.</p>		
<p><i>Responsible Entity</i></p> <p>Storm Water Coordinator, Department Supervisors</p>		
<p><i>Schedule</i></p> <p>Refer to Table C-1. Provide training on IDDE to applicable staff members:</p> <ul style="list-style-type: none"> Within 180 days of submitting an updated SWQMP (360 days after permit coverage) Annually thereafter, starting the second year of the permit term. Within two months of their hire date Within 30 days of their hire date for seasonal employees. 		
<p><i>Associated Documents</i></p> <p>Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution, Table C-5 Training Matrix</p>		
<p><i>Environmental Impact</i></p> <p>Training allows staff to track and eliminate illicit discharges, and monitor the storm sewer system, thereby reducing pollution.</p>		
<p><i>Recordkeeping</i></p> <p>Document training through attendance sheets (or similar method) with the name and title of participating employee(s), date of training, and a description of training provided.</p> <p>Log on Table C-5 and maintain attendance sheets.</p>		
<p><i>Reporting</i></p> <p>4.4 (k)(1) – Report status update on BMP.</p>		
<p><i>Minimum Control Measures:</i></p> <p><input checked="" type="checkbox"/> Public Education/Involvement</p> <p><input checked="" type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p><i>Permit Requirement:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Sections 4.4 (g) and 4.7 (m)</p> <p><i>Reporting:</i></p> <p>Section 4.4 (k)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p> BMP Revision Date: 12/2022</p>

Review of CSOOP and LTCP		
<p>BMP Description</p> <p>Review and modify the SWQMP as needed to ensure consistency with the MS4's Combined Sewer Overflow Operational Plan (CSOOP) and Long-Term Control Plan (LTCP) – Does not apply.</p> <p>Vanderburgh County does not operate a wastewater treatment system nor does the MS4 own/operate the sanitary sewer collection system in the county boundaries (where available).</p>		
<p>Measurable Goals</p> <p>NA</p>		
<p>Responsible Entity</p> <p>NA</p>		
<p>Schedule</p> <p>NA</p>		
<p>Associated Documents</p> <p>NA</p>		
<p>Environmental Impact</p> <p>NA</p>		
<p>Recordkeeping</p> <p>NA</p>		
<p>Reporting</p> <p>Section 4.4 (k)(1) – Report status update on BMP – Programs are not required.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input checked="" type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.4 (j)</p> <p>Reporting:</p> <p>Section 4.4 (k)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Review of Receiving Water TMDLs		
<p>BMP Description</p> <p>Identify all waters that receive discharges from MS4 outfalls and indicate if any of the receiving waters are on the current Indiana 303(d). If it does, determine if the discharge from the MS4 has any pollutants of concern relative to the TMDL.</p> <p>Locust Creek, Locust Creek Unnamed Tributary (UNT), Little Pigeon Creek, Carpenter Creek, Bluegrass Creek, and Hurricane Creek UNT are part of the Highland-Pigeon Watershed (HUC 08) with a TMDL for <i>E. coli</i>. Bayou Creek and Bluegrass Creek UNT are part of the Highland-Pigeon Watershed (HUC 08) with a TMDL for <i>E. coli</i> and dissolved oxygen. Pigeon Creek is part of the Highland-Pigeon Watershed (HUC 08) with a TMDL for <i>E. coli</i>, dissolved oxygen, and nutrients.</p> <p>The MS4 will review and modify the SWQMP and WQCR as necessary to address pollutants of concern.</p>		
<p>Measurable Goals</p> <p>Review the USEPA approved TMDLs and 303(d) lists at the beginning of each permit term. Add information to SWQMP and WQCR and update BMPs accordingly.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, MS4 Consultant</p>		
<p>Schedule</p> <p>In the first year of each permit term, review the USEPA approved TMDLs and Indiana 303(d) list and incorporate into the SWQMP and WQCR as needed. Refer to Table C-1.</p> <p>In year two, BMPs must be incorporated into the SWQMP to reduce identified pollutants of concern. Reporting on the BMPs is required in subsequent years.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule</p>		
<p>Environmental Impact</p> <p>To better target BMPs, the MS4 will incorporate TMDL and 303(d) list information into its SWQMP and WQCR.</p>		
<p>Recordkeeping</p> <p>Update plans as needed. Document plan reviews in Annual Reports.</p>		
<p>Reporting</p> <p>Section 4.4 (k)(1) – Report status update on BMP.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input checked="" type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 3.1, 4.1 (h), 4.4 (e) (3), and 5.1</p> <p>Reporting:</p> <p>Section 4.4 (k)(1) Annual Report</p> <p>Section 8.1 (a)(7) TMDL</p>	<p><input type="checkbox"/> Current BMP</p> <p><input checked="" type="checkbox"/> New BMP</p> <p>BMP Revision Date:</p> <p>NA</p>

3.3 Construction Site Storm Water Run-Off

Sediment loss and erosion from construction sites is a main contributor to storm water pollution. This pollution source can be minimized through the installation of structural BMPs during development and the implementation of nonstructural BMPs. To enforce these BMPs and address construction site runoff concerns, the county has established a construction site storm water runoff control ordinance. The MS4 references IDEM's Indiana Storm Water Quality Manual for design standards. The storm water runoff control ordinance will be revised to adhere to the requirements of the CSGP and regulating projects with a land disturbance greater than or equal to one acre. Once revised, the ordinance will be included as **Appendix E**. The MS4 will also be required to follow these requirements regarding qualifying projects owned by the county. Projects owned by the county shall have their plans reviewed by the Vanderburgh County Soil and Water Conservation District (SWCD).

In conjunction with the public education and outreach MCM, the MS4 will implement BMPs to solicit and receive public complaints and inquiries regarding construction sites. In conjunction with the illicit discharge MCM, the MS4 will implement BMPs to investigate and track public inquiries and potential illicit discharges, including those resulting from construction activity. Specific information regarding the Construction Site Storm Water Runoff Control BMPs is included in the following BMP detail sheets. Referenced tables are included in **Appendix C** and will be completed per the schedule in each BMP Sheet. Associated forms are included in **Appendix F**. SOPs for this MCM will be included in **Appendix G** as they are completed.

Construction Storm Water Ordinance and Standards		
<p><i>BMP Description</i></p> <p>Develop/revise and implement a construction storm water run-off ordinance that establishes at least the following:</p> <ul style="list-style-type: none"> Regulate projects with a land disturbance greater than or equal to one acre, or disturbances of less than one acre of land that are part of a larger common plan or development or sale when the larger common plan will ultimately disturb one or more acres. Contains the requirement of the CSGP apart from state permitting process references and submittal deadlines for construction plans and permit applications. Establish a requirement that any project within the MS4 area that meets the applicability of the CSGP must submit a NOI to obtain permit coverage from IDEM in addition to any procedural requirements for submittal to the MS4 entity or MS4 designated entity. <p>The Construction Site Storm Water Runoff Control Ordinance is implemented and incorporated into Chapter 13 of the municipal code. The MS4 refers to the Indiana Storm Water Quality Manual for standards.</p>		
<p><i>Measurable Goals</i></p> <p>Develop and implement an ordinance that is consistent with the requirements of the MS4GP and CSGP.</p>		
<p><i>Responsible Entity</i></p> <p>Storm Water Coordinator, MS4 Consultant, Engineering Department</p>		
<p><i>Schedule</i></p> <p>Complete ordinance and standards revisions within 730 days of permit coverage. Review the ordinance and standards annually. Refer to Table C-1.</p>		
<p><i>Associated Documents</i></p> <p>Table C-1 Implementation Schedule</p>		
<p><i>Environmental Impact</i></p> <p>Establishes regulatory mechanism and standards aimed at to reducing sediment loss/migration and preventing other construction site storm water pollutants from impacting MS4 storm water conveyances.</p>		
<p><i>Recordkeeping</i></p> <p>Record reviews and revisions of the ordinance and standards on Table C-1.</p>		
<p><i>Reporting</i></p> <p>Section 4.5 (m)(1) – Report status update on BMP and the date of any ordinance or standards revisions.</p>		
<p><i>Minimum Control Measures:</i></p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p><i>Permit Requirement:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.5 (b) (1-3), (e), (f) and (i)</p> <p><i>Reporting:</i></p> <p>Section 4.5 (m)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Construction Storm Water Plan Review		
<p>BMP Description</p> <p>Establish permitting procedures, internal processes, and timetables for submittal and review of construction plans and applications. At a minimum:</p> <ul style="list-style-type: none"> Establish written procedures to review and determine compliance with the ordinance for construction plans submitted to the MS4 for private projects before construction starts. Utilize a form or checklist to document the review with a method to notify responsible individuals of the status, the review MS4, reviewer's name, and contact information. <p>CSGP submittals are submitted to the Engineering Department and provided to the Storm Water Coordinator and County Surveyor. The reviewers evaluate the submittal for compliance with the CSGP, MS4GP, ordinance, and standards and document it on IDEM's form. Deficiencies identified during plan review are to be resolved prior to plan approval and NOI submittal.</p>		
<p>Measurable Goals</p> <p>Review applicable construction projects per the ordinance, standards, MS4GP and CSGP.</p> <p>Maintain SOPs for the plan review process.</p>		
<p>Responsible Entity</p> <p>Engineering Department, County Surveyor, Storm Water Coordinator</p>		
<p>Schedule</p> <p>CSGP submittals are to be reviewed within timeframe established in the ordinance. Review plan review process and SOPs annually and update as needed. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-9 CSGP Project Inventory, IDEM Construction/Storm Water Pollution Prevention Plan Technical Review form, Plan Review SOP</p>		
<p>Environmental Impact</p> <p>Reduction of sediment loss/migration and prevention of other construction site storm water pollutants from impacting MS4 storm water conveyances.</p>		
<p>Recordkeeping</p> <p>Record reviews and revisions of the plan review SOPs.</p> <p>Maintain IDEM review forms.</p> <p>Record the number of construction sites reviewed by the MS4.</p>		
<p>Reporting</p> <p>Section 4.5 (m)(1) – Report status update on BMP and reviews/revisions to SOPs</p> <p>Section 4.5 (m)(3) – Report the number of construction sites obtaining MS4 approval for the CSGP.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.5 (c) (1-2), (i)</p> <p>Reporting:</p> <p>Section 4.5 (m)(1) and (3) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

CSGP Compliance for MS4 Owned Projects		
<p>BMP Description</p> <p>MS4 owned and/or operated projects are to comply with the Vanderburgh County ordinance and CSGP requirements by submitting construction plans and SWPPPs to the Vanderburgh County SWCD as applicable for plan review. Develop policy and procedures to ensure compliance with the CSGP that addresses coordination across departments within the MS4 entity's organizational structure and includes self-monitoring.</p> <p>The county will comply with requirements of the CSGP and MS4GP. The county strictly enforces project self-monitoring.</p>		
<p>Measurable Goals</p> <p>Submit all CSGP qualifying construction projects for plan review.</p> <p>Develop an SOP for CSGP submittals across all MS4 departments.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, Engineering Department, and each department is responsible for CSGP submittals for plan review.</p>		
<p>Schedule</p> <p>Review SOP annually and update as needed. Review SOP with departments annually. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-5 Training Matrix, Table C-9 CSGP Project Inventory, Plan Review for MS4 Projects SOP</p>		
<p>Environmental Impact</p> <p>Reduction of sediment loss/migration and prevention of other construction site storm water pollutants from impacting MS4 storm water conveyances for MS4 owned and/or operated projects.</p>		
<p>Recordkeeping</p> <p>Record each construction project owned and/or operated by the MS4 on Table C-9.</p> <p>Review and revise SOP annually and record on Table C-1.</p> <p>Storm Water Coordinator to review the SOP annually with departments and record on Table C-5. Record review method (e.g., email, meeting, etc.) and attendance.</p>		
<p>Reporting</p> <p>Section 4.5 (m)(1) – Report status update on BMP and reviews/revisions to SOPs.</p> <p>Section 4.5 (m)(3) - Report the number of active construction projects owned and/or operated by the MS4 active when the Annual Report is submitted.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.5 (k) and (i)</p> <p>Reporting:</p> <p>Section 4.5 (m)(1) and (3) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Construction Priority Sites		
<p>BMP Description</p> <p>As construction plans are submitted for review, identify priority sites for inspection based on the nature and extent of the construction activity, topography, threat to the degradation of water quality, characteristics of soils, complaints, and other factors as determined by MS4 priorities.</p> <p>Priority designation is recorded on the IDEM Construction/Storm Water Pollution Prevention Plan Technical Review form during plan review. All identified priority sites are to be inspected biannually (per Section 4.5 (d)(3)(a)(1) of the MS4GP).</p>		
<p>Measurable Goals</p> <p>Evaluate all qualifying construction projects for priority during the plan review process.</p> <p>Include the identification of priority sites in the plan review process SOP.</p>		
<p>Responsible Entity</p> <p>Engineering Department, County Surveyor, Storm Water Coordinator</p>		
<p>Schedule</p> <p>Sites are evaluated when plans are received by the MS4. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-9 CSGP Project Inventory, IDEM Construction/Storm Water Pollution Prevention Plan Technical Review form, Plan Review SOP</p>		
<p>Environmental Impact</p> <p>Construction activities within and/or directly adjacent to sensitive natural resources will receive priority designation for inspection in an effort to protect these resources.</p>		
<p>Recordkeeping</p> <p>Record the number of construction projects designated as a priority each year on Table C-9.</p>		
<p>Reporting</p> <p>Section 4.5 (m)(1) – Report status update on BMP.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.5 (d) (2)</p> <p>Reporting:</p> <p>Section 4.5 (m)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Construction Site Inspections		
<p>BMP Description</p> <p>Requirements for construction site inspections:</p> <ul style="list-style-type: none"> Establish written procedures and processes for conducting inspections to ensure storm water quality measures are properly installed and maintained. Use a form or checklist to document inspections that meets the ordinance. Have a method to notify responsible individuals of their compliance status. Complete inspections per described frequency. Conduct follow-up inspections and/or enforcement actions for non-compliant sites. 		
<p>Measurable Goals</p> <p>Complete construction site inspections per required frequency. Develop and maintain SOPs for inspections.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, Engineering Department</p>		
<p>Schedule</p> <p>Refer to Table C-1. Review inspection SOP annually and update as needed. Inspection frequency is as follows:</p> <ul style="list-style-type: none"> Inspect all new sites during the initial phase of construction that includes the installation of infrastructure. Inspect biannually 100% of active construction sites with land-disturbing activities ≥ 5 acres. Inspect biannually all identified priority sites. Inspect 50% of active construction sites annually with land-disturbing activities of 1 to 5 acres. Investigate 100% of all complaints that are received. Conduct follow-up inspections for sites that have violations of the local ordinance. Conduct follow-up inspections until all violations are resolved. 		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-9 CSGP Project Inventory, Construction Inspection SOP, site inspection form</p>		
<p>Environmental Impact</p> <p>Reduction of sediment loss/migration and prevention of other construction site storm water pollutants from impacting MS4 storm water conveyances.</p>		
<p>Recordkeeping</p> <p>Document all construction site inspections and enforcement actions on the form. Record the number of construction sites inspected annually.</p>		
<p>Reporting</p> <p>Section 4.5 (m)(1) – Report status update on BMP and reviews/revisions to SOPs. Section 4.5 (m)(4) – Report the number of construction sites inspected.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.5 (d) (1) and (3) and (i)</p> <p>Reporting:</p> <p>Section 4.5 (m)(1) & (4) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Construction Enforcement		
<p>BMP Description</p> <p>Develop written policies and procedures to enforce the construction storm water ordinance including compliance and escalating enforcement actions.</p> <p>The ordinance includes enforcement actions for compliance issues on construction sites. The MS4 will revise the SOP. Enforcement actions, depending on the level of severity of violation, may include any of the following: warning letters of noncompliance, required corrective actions, failure to correct noncompliance, violation notices, assessment of penalties, and stop work orders.</p>		
<p>Measurable Goals</p> <p>Develop and maintain SOP(s) for enforcement actions.</p> <p>Document non-compliance and enforcement actions on the inspection form.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, Engineering Department</p>		
<p>Schedule</p> <p>Review Construction Enforcement SOP annually and update as needed. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-9 CSGP Project Inventory, site inspection form, Construction Enforcement SOP</p>		
<p>Environmental Impact</p> <p>Enforcement promotes the correct use of BMPs on construction sites and reduces the potential for pollutants to enter receiving waters.</p>		
<p>Recordkeeping</p> <p>Maintain inspection forms documenting non-compliance issues.</p> <p>Maintain all correspondence related to an enforcement action.</p> <p>Record the number and type of enforcement actions taken each year.</p>		
<p>Reporting</p> <p>Section 4.5 (m)(1) – Report status update on BMP and reviews/revisions to SOPs.</p> <p>Section 4.5 (m)(5) – Report the number and type of enforcement actions taken each year.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input checked="" type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.5 (e) and (i)</p> <p>Reporting:</p> <p>Section 4.5 (m)(1) and (5) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Construction Project Inventory		
<p>BMP Description</p> <p>Maintain an inventory of all construction site projects subject to the CSGP, ordinance, and those that are owned and/or operated by the MS4. Track the following: project name, latitude/longitude or address, receiving water(s), project start date, project status, and compliance status/enforcement actions.</p> <p>Upon notification by IDEM, the MS4 will produce the inventory within 48 hours of notification or on a regular schedule as designated by IDEM, but no more frequently than monthly.</p>		
<p>Measurable Goals</p> <p>Track all CSGP construction sites and activities.</p>		
<p>Responsible Entity</p> <p>Engineering Department, County Surveyor, Storm Water Coordinator</p>		
<p>Schedule</p> <p>Update inventory at least monthly. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-9 CSGP Project Inventory, IDEM Construction/Storm Water Pollution Prevention Plan Technical Review form</p>		
<p>Environmental Impact</p> <p>Maintaining inspection and compliance records promotes BMPs on construction sites and reduce the potential for pollutants to enter receiving waters.</p>		
<p>Recordkeeping</p> <p>Utilize the IDEM Construction/Storm Water Pollution Prevention Plan Technical Review form to add projects to Table C-9.</p> <p>Update Table C-9 at least monthly.</p>		
<p>Reporting</p> <p>Section 4.5 (m)(1) – Report status update on BMP.</p> <p>Section 4.5 (m)(2) – The number of active construction projects owned and/or operated by the MS4.</p> <p>Section 4.5 (m)(3) – The number of construction sites obtaining a MS4-issued storm water run-off permit.</p> <p>Section 4.5 (m)(4) – The number of construction sites inspected.</p> <p>Section 4.5 (m)(5) – The number and type of enforcement actions taken.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input checked="" type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.5 (l)</p> <p>Reporting:</p> <p>Section 4.5 (m)(1) Annual Report</p>	<p><input type="checkbox"/> Current BMP</p> <p><input checked="" type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Construction Training for Inspection, Plan Review and Enforcement		
<p><i>BMP Description</i></p> <p>Complete and document annual training attended by MS4 staff and/or contractual staff that are specific to their responsibility (e.g., plan review, inspection, compliance, and enforcement) the individual performs for the MS4. Documentation must include:</p> <ul style="list-style-type: none"> Responsibility of staff member. Dates and types of training attended. List of professional certifications MS4 staff have obtained or maintain. 		
<p><i>Measurable Goals</i></p> <p>Increase plan reviewer and construction inspector knowledge by receiving annual training.</p>		
<p><i>Responsible Entity</i></p> <p>Engineering Department, County Surveyor, Storm Water Coordinator</p>		
<p><i>Schedule</i></p> <p>Complete annual training. Refer to Table C-1.</p>		
<p><i>Associated Documents</i></p> <p>Table C-1 Implementation Schedule, Table C-2 MS4 Responsible Entities, Table C-5 Training Matrix</p>		
<p><i>Environmental Impact</i></p> <p>Improve water quality by training personnel on proper management of construction BMPs.</p>		
<p><i>Recordkeeping</i></p> <p>Document completed training by MS4 staff through attendance sheets, online certificates, etc.</p> <p>Track hours and completed training on Table C-5.</p>		
<p><i>Reporting</i></p> <p>Section 4.5 (m)(1) – Report status update on BMP.</p>		
<p><i>Minimum Control Measures:</i></p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p><i>Permit Requirement:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.1 (d) and 4.5 (j)</p> <p><i>Reporting:</i></p> <p>Section 4.5 (m)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p> BMP Revision Date: 12/2022</p>

Construction Complaints		
<p>BMP Description</p> <p>Develop or revise written SOPs for receipt, resolution, and tracking of public inquiries, complaints, and other information submitted regarding local construction projects.</p> <p>Contact information (phone and email) on reporting complaints, illicit discharges, spills, construction and post-construction issues, and other issues is available on the Storm Water website. Additionally, an Online Request can be submitted through the website. Information is logged on a form and in a spreadsheet. The MS4 maintains an SOP for staff to follow in logging and tracking complaints. Post-construction structural storm water measure complaints follow this process also.</p>		
<p>Measurable Goals</p> <p>Reduce sediment loss/migration and prevention of other construction site storm water pollutants from impacting MS4 storm water conveyances.</p> <p>Develop and maintain SOP(s) for complaints.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, Engineering Department</p>		
<p>Schedule</p> <p>Complaints are investigated within 48 hours, tracked, and resolved as needed. Review SOP annually and update as needed. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-9 CSGP Project Inventory, Table C-10 Inventory of Post-Construction Structural BMPs, Storm Water Complaint and Illicit Discharge Form, Public Reporting SOP, Post-Construction Structural BMP Inspections SOP, and Structural BMP Inspection Form.</p>		
<p>Environmental Impact</p> <p>Reduction of sediment loss/migration and prevention of other construction site storm water pollutants from impacting MS4 storm water conveyances.</p>		
<p>Recordkeeping</p> <p>Record the number of public information requests and/or complaints received on the Storm Water Complaint and Illicit Discharge Form.</p> <p>If the complaint is for a post-construction structure, complete the Structural BMP Inspection Form and track on Table C-10.</p>		
<p>Reporting</p> <p>Section 4.5 (m)(1) – Report status update on BMP and reviews/revisions to SOPs.</p> <p>Section 4.5 (m)(6) – Report the number of public information requests and/or complaints received.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input checked="" type="checkbox"/> Construction Site Control</p> <p><input checked="" type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.5 (g) and (i)</p> <p>Reporting:</p> <p>Section 4.5 (m)(1) and (6) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

3.4 Post-Construction Storm Water Run-Off

The purpose of the Post Construction Storm Water Run-off Control MCM is to develop and implement a comprehensive program to address long-term storm water quality for discharges from new development and redevelopment within the MS4.

Vanderburgh County will require developers and designers to plan for the minimization of pollutants in storm water discharges on the project property, which is more effective and cost efficient than reducing the discharge of pollutants after the discharge enters the MS4 drainage system or flow to a receiving water.

In accordance with the MS4 General Permit, the MS4 must do the following:

1. Adopt an ordinance and provide for enforcement of the ordinance
2. Develop standards to address the quality and quantity of storm water discharges
3. Register Class V injection wells within the MS4 area
4. Regulate infiltration practices in wellhead protection areas
5. Regulate direct discharges to karst features
6. Require long-term operation and maintenance of post-construction measures
7. Inspect post-construction measures
8. Receive and address complaints
9. Provide training for plan reviewers, inspectors, and compliance officers

Post-Construction Site Storm Water Run-off Control BMPs are included in the following BMP detail sheets. Complaints associated with post-construction measures follow the Construction Complaint BMP Sheet. Referenced tables are included in **Appendix C** and will be completed per the schedule in each BMP Sheet. Associated forms are included in **Appendix F**. SOPs for this MCM will be included in **Appendix G** as they are completed.

Post-Construction Storm Water Ordinance and Standards		
<p>BMP Description</p> <p>Review and update an ordinance and standards to include the requirements of the MS4GP that contains:</p> <ul style="list-style-type: none"> Regulate land disturbance of 1 acre or more and areas less than 1 acre that are part of a larger plan of development Require plans to be reviewed and approved by the MS4 Regulate all gas stations and fueling areas regardless of amount of disturbance Develop standards for the design of storm water detention and water quality treatment Develop list of measures and standards to include structural and non-structural practices as well as low impact and green infrastructure principals Require pretreatment for infiltration practices or direct discharges to groundwater in wellhead protection areas and karst features Require the owner of the BMP to have a written Operations and Maintenance (O&M) Manual to inspect and maintain storm water practices for proper function Include inspection and enforcement authority <p>The Storm Water Drainage Control Ordinance is implemented and incorporated into Chapter 13 of the municipal code.</p>		
<p>Measurable Goals</p> <p>Update the ordinance to require the implementation of water quality practices for land disturbances.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, MS4 Consultant, Engineering Department</p>		
<p>Schedule</p> <p>Complete ordinance revisions within 730 days of permit coverage. Review the ordinance and standards annually. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule</p>		
<p>Environmental Impact</p> <p>Control the flow rate and improve water quality of storm water run-off.</p>		
<p>Recordkeeping</p> <p>Annually review ordinance and standards and any revisions on Table C-1.</p>		
<p>Reporting</p> <p>Section 4.6 (j)(1) – Report status update on BMP and the review date of the ordinance or standards and any revisions.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input checked="" type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.5 (f), 4.6 (b), (c)(1) - (5), and (d)</p> <p>Section 4.6 (h)</p> <p>Reporting:</p> <p>Section 4.6 (j)(1) and (2) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Post-Construction Plan Review		
<p>BMP Description</p> <p>The post-construction plan review process is incorporated into the Construction Storm Water Plan Review BMP, process, and SOPs.</p> <p>CSGP submittals are submitted to the Engineering Department and provided to the Storm Water Coordinator and County Surveyor. The reviewers evaluate the submittal for compliance with the CSGP, MS4GP, ordinance, and standards and document it on IDEM's form. Deficiencies identified during plan review are to be resolved prior to plan approval and NOI submittal.</p>		
<p>Measurable Goals</p> <p>Review construction projects per the ordinance, standards, MS4GP and CSGP.</p> <p>Maintain SOPs for the plan review process.</p>		
<p>Responsible Entity</p> <p>Engineering Department, County Surveyor, Storm Water Coordinator</p>		
<p>Schedule</p> <p>CSGP submittals are to be reviewed per timeframe established in the ordinance. Review plan review process and SOPs annually and update as needed. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-9 CSGP Project Inventory, Table C-10 Post-Construction Structural BMPs, IDEM Construction/Storm Water Pollution Prevention Plan Technical Review form, Plan Review SOP</p>		
<p>Environmental Impact</p> <p>Control the flow rate and improve water quality of storm water run-off by ensuring that all plans meeting the applicability requirements will be reviewed according to the post-construction ordinance and standards.</p>		
<p>Reporting and Recordkeeping</p> <p>Record reviews and revisions of the Plan Review SOP on Table C-1.</p> <p>Record the number of plan reviews with post-construction controls on Table C-9.</p> <p>Record the number, type and location of post-construction measures installed on Table C-9.</p>		
<p>Reporting</p> <p>Section 4.6 (j)(1) – Report status update on BMP and reviews/revisions to SOPs.</p> <p>Section 4.6 (j)(3) – Report the number of sites requiring post-construction controls.</p> <p>Section 4.7 (j)(4) – Report the number, type and location of post-construction measures installed.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input checked="" type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.5 (c), 4.6 (h)</p> <p>Reporting:</p> <p>Section 4.6 (j)(1), (3) and (4) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Post-Construction Inspections (MS4-Owned)		
<p><i>BMP Description</i></p> <p>Requirements for MS4-owned post-construction structural storm water measures:</p> <ul style="list-style-type: none"> • Develop or revise a written O&M Manual for MS4-owned/operated post-construction structural measures • Update and administer an inspection program for MS4-owned/operated BMPs to ensure the practices are maintained and operating as designed • Develop written procedures for the inspections • Utilize an inspection form/checklist that documents corrective actions <p>The MS4 will follow the inspection and maintenance requirements for MS4 owned/operated storm water measures as described in the Indiana Storm Water Quality Manual.</p>		
<p><i>Measurable Goals</i></p> <p>Follow the Manual for MS4-owned storm water measures. Develop and maintain SOPs for inspections. Complete post-construction inspections for MS4-owned measures per the schedule.</p>		
<p><i>Responsible Entity</i></p> <p>Storm Water Coordinator</p>		
<p><i>Schedule</i></p> <p>Refer to Table C-1. Review inspection SOP annually and update as needed. Perform maintenance as needed per schedule in the Manual. Inspection frequency is as follows:</p> <ul style="list-style-type: none"> • Inspect all MS4-owned BMPs at least once in the 5-year permit term. • Inspect MS4-owned BMPs more frequently than 5 years if specified in the Manual. • Inspect all complaints for MS4-owned BMPs (part of Construction Complaint BMP Sheet). 		
<p><i>Associated Documents</i></p> <p>Table C-1 Implementation Schedule, Table C-10 Inventory of Post-Construction Structural BMPs, Post-Construction Structural BMP Inspections SOP, Structural BMP Inspection Form</p>		
<p><i>Environmental Impact</i></p> <p>Improve water quality by ensuring post-construction BMPs are functioning through inspections.</p>		
<p><i>Recordkeeping</i></p> <p>Document inspections on the form and maintain the copies. Track/record the number, type, and location of BMPs inspected and/or modified to function properly or improve storm water quality.</p>		
<p><i>Reporting</i></p> <p>Section 4.6 (j)(1) – Report status update on BMP and reviews/revisions to SOPs. Section 4.6 (j)(5) – Report the number, type, and location of structural BMPs modified. Section 4.6 (j)(6) – Report the number, type, and location of structural BMPs inspected.</p>		
<p><i>Minimum Control Measures:</i></p> <p><input type="checkbox"/> Public Education/Involvement <input type="checkbox"/> Illicit Discharge <input type="checkbox"/> Construction Site Control <input checked="" type="checkbox"/> Post-Construction Site Control <input checked="" type="checkbox"/> Municipal Operations</p>	<p><i>Permit Requirement:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Section 4.6 (d), (e), (f)(1), (2) & (4), and (h)</p> <p><i>Reporting:</i> Section 4.7 (j)(1), (5) & (6) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP <input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Post-Construction Inspections (Privately-Owned)		
<p>BMP Description</p> <p>Update and administer a program for privately-owned post-construction structural storm water measures including:</p> <ul style="list-style-type: none"> • Require an O&M Manual for private post-construction structural measures. • Review private BMPs to ensure the practices are maintained and operating as designed. • Inspect construction sites to ensure post-construction measures are properly installed. • Develop written procedures for the inspections. • Utilize an inspection form/checklist that documents corrective actions. <p>Private O&M Manuals are required for during the plan review process. Contents of the O&M Manual and required legal documents are in the Ordinance.</p>		
<p>Measurable Goals</p> <p>Develop a list of measures and a method to record private O&M Manuals with the property.</p> <p>Develop and maintain SOPs for inspections.</p> <p>Complete post-construction inspections for private measures per the schedule.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, Engineering Department</p>		
<p>Schedule</p> <p>Refer to Table C-1. Develop inventory by end of the permit term. Review inspection SOP annually and update as needed. Inspection frequency is as follows:</p> <ul style="list-style-type: none"> • Inspect new private-BMPs after construction is completed. • Inspect all private-BMPs once in the 5-year permit term. MS4 may cap the number of inspections at 250 per 5-year term and prioritize and inspection the remaining private-BMPs in the next permit cycle. • Inspect complaints for private BMPs (part of Construction Complaint BMP Sheet). 		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-9 CSGP Project Inventory, Table C-10 Inventory of Post-Construction Structural BMPs, Post-Construction Structural BMP Inspections SOP, Structural BMP Inspection Form</p>		
<p>Environmental Impact</p> <p>Improve water quality by ensuring post-construction BMPs are functioning through inspections.</p>		
<p>Recordkeeping</p> <p>Document inspections for newly constructed BMPs, maintain forms, and track on Table C-9.</p> <p>Document inspections per the schedule for private BMPs, maintain forms, and track on Table C-10.</p> <p>Record reviews and revisions as needed of the SOP on Table C-1.</p>		
<p>Reporting</p> <p>Section 4.6 (j)(1) – Report status update on BMP and reviews/revisions to SOPs.</p> <p>Section 4.6 (j)(6) – Report the number, type, and location of structural BMPs inspected.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input checked="" type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.6 (d), (e), (f) (1), (3) & (4), and (h)</p> <p>Reporting:</p> <p>Section 4.6 (j)(1) and (6) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Post-Construction Training for Inspection, Plan Review and Enforcement		
<p><i>BMP Description</i></p> <p>Complete and document annual training attended by MS4 staff and/or contractual staff that is specific to the responsibility the individual performs (e.g., plan review, inspection, compliance, and enforcement). Documentation includes the following:</p> <ul style="list-style-type: none"> • Responsibility of staff member. • Dates and types of training attended. • List of professional certifications MS4 staff have obtained or maintain. 		
<p><i>Measurable Goals</i></p> <p>Increase plan reviewer and inspector knowledge by receiving annual training.</p>		
<p><i>Responsible Entity</i></p> <p>Engineering Department, County Surveyor, Storm Water Coordinator</p>		
<p><i>Schedule</i></p> <p>Complete training annually. Refer to Table C-1.</p>		
<p><i>Associated Documents</i></p> <p>Table C-1 Implementation Schedule, Table C-2 MS4 Responsible Entities, Table C-5 Training Matrix</p>		
<p><i>Environmental Impact</i></p> <p>Improve water quality by training personnel on proper management of post-construction BMPs.</p>		
<p><i>Recordkeeping</i></p> <p>Document completed training by MS4 staff through attendance sheets, online certificates, etc.</p> <p>Track hours and completed training on Table C-5.</p> <p>Staff retain documentation of annual construction storm water training specific to the responsibility the individual performs for the MS4 entity.</p>		
<p><i>Reporting</i></p> <p>Section 4.6 (j)(1) – Report status update on BMP.</p>		
<p><i>Minimum Control Measures:</i></p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input checked="" type="checkbox"/> Post-Construction Site Control</p> <p><input type="checkbox"/> Municipal Operations</p>	<p><i>Permit Requirement:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.6 (i)</p> <p><i>Reporting:</i></p> <p>Section 4.6 (j)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

3.5 Municipal Operations Pollution Prevention & Good Housekeeping

The purpose of the Municipal Operations Pollution Prevention and Good Housekeeping MCM is to prevent or reduce pollutant run-off from municipal operations within the MS4. This program will address storm water discharges from MS4 activities through a program of municipal employee education, proper municipal operations, and maintenance. This MCM incorporates the BMPs in this section to reduce floatables and other pollutants from discharging into the storm sewer system.

3.5.1 Storm Water Infrastructure Operation and Maintenance (O&M) Plan

The storm water system is maintained by various county departments. Each BMP in this section identifies the responsible department for implementation. The O&M Plan is comprised of the BMPs, SOPs, schedules, disposal methods, and documentation of activities identified in Section 4.7 (g) (1) and (2). The BMPs in the O&M Plan include:

- Periodic Litter Collection
- Storm Water Infrastructure Maintenance
- Roadside Vegetation, Shoulder, and Ditch Stabilization
- Outfall Scouring
- County Sweeping

3.5.2 Standard Operating Procedures

Written documentation for maintenance activities, schedules, and inspection procedures are provided for the municipal operations O&M Plan BMPs through SOPs. SOPs for this MCM will be included in **Appendix G** upon completion and will include:

- Responsible individuals
- Maintenance schedules or map locations
- Procedures for the removal and tracking disposal of trash and debris.
- Documentation methods confirming maintenance has been completed.

3.5.3 Surface Visual Inspections

Surface visual inspections are considered the accumulation of all trained personnel visually assessing the storm water system through their normal daily activities. Personnel attend annual training to learn about storm water conveyances and the items to look for while around the County. Additionally, the process for reporting an identified issue is reviewed annually. The activities and the corresponding schedules that are included in the O&M Plan and surface visual inspections are identified in **Appendix C, Table C-11 Storm Water Infrastructure Operations & Maintenance Schedule (O&M Schedule)**.

From the identified activities, most of the system is visually inspected annually through routine tasks and activities, if not more. The outfall inspections are spread out over the five-year permit term.

3.5.4 MS4 Facilities

The MS4 reviewed GIS data to develop a full list of properties owned and operated by Vanderburgh County. Several properties are split with the City of Evansville. Refer to **Appendix C, Table C-12 Inventory of MS4 Facilities**. The list identifies properties by name/description, address or longitude/latitude, site permits (if any), and contacts. Additionally, an evaluation was completed based on local knowledge or a site inspection to determine if the property has the potential to generate storm water pollution. These are identified as priority sites. Refer to **Appendix D, Exhibit D-3 MS4 Facilities Map**.

Referenced tables are included in **Appendix C** and will be completed per the schedule in each BMP Sheet. Associated forms are included in **Appendix F**. SOPs for this MCM will be included in **Appendix G** as they are completed.

Inventory of MS4-Owned/Operated Facilities		
<p>BMP Description</p> <p>Develop and maintain an inventory of MS4 owned/operated facilities and include a location map, facility name/description, address or longitude/latitude, site permits, primary contact, alternate contact, and determine if the site has the potential to generate storm water pollution (priority site).</p> <p>Sites were identified using the County GIS and a list of insured properties. Sites with the greatest potential to generate storm water pollution were identified by a site inspection and/or local knowledge.</p>		
<p>Measurable Goals</p> <p>Identify MS4 facilities, prioritize pollution generating sites, and maintain the list and map.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator</p>		
<p>Schedule</p> <p>In the first year of permit coverage, develop a list, identify priority sites, and develop a map. Annually review/update the list and map. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-12 Inventory of MS4 Facilities, Exhibit D-3 MS4 Facilities Map</p>		
<p>Environmental Impact</p> <p>The inventory will allow the MS4 to ensure appropriate storm water pollution prevention BMPs are identified for each MS4-owned facility.</p>		
<p>Recordkeeping</p> <p>Maintain the inventory (Table C-12) and map (Exhibit D-3) and updated as needed.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP and the dates of development and review/revisions to the inventory and map.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (b)</p> <p>Section 4.7 (i) Annual Review</p> <p>Reporting:</p> <p>Section 4.7 (n)(1) Annual Report</p>	<p><input type="checkbox"/> Current BMP</p> <p><input checked="" type="checkbox"/> New BMP</p> <p>BMP Revision Date:</p> <p>NA</p>

Storm Water Pollution Prevention Plans (SWPPP)		
<p>BMP Description</p> <p>Revise site SWPPPs for the priority sites including site map, corrective actions, maintenance activities, operations, and other SOPs. Ensure each plan discusses plan review and updating, good housekeeping, proper storage, maintenance activities, vehicle and equipment washing and storage, site snow disposal/salt management, site pesticide use, site waste disposal, spill prevention and response, and Spill Prevention, Control, and Countermeasures (SPCC) compliance.</p> <p>Each site SWPPP includes the information above from Section 4.7 (d). SWPPPs were developed in 2010 and are routinely revised.</p>		
<p>Measurable Goals</p> <p>Maintain site SWPPPs and update annually.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, Department Supervisors</p>		
<p>Schedule</p> <p>Review and revise existing SWPPPs by the end of the second year of permit coverage. Review annually and revise as needed. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-12 Inventory of MS4 Properties, Exhibit D-3 MS4 Properties Map, site SWPPPs and Facility Inspection Forms</p>		
<p>Environmental Impact</p> <p>SWPPPs will prevent or reduce pollutant run-off from municipal operations.</p>		
<p>Recordkeeping</p> <p>Storm Water Coordinator to maintain an electronic copy and each department to maintain a hard copy of the SWPPP at each site.</p> <p>Maintain Quarterly Facility Inspections and Annual Facility Assessments with the SWPPP.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP and the number of facilities identified as requiring a SWPPP and their revision date(s).</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (d) & (e)</p> <p>Section 4.7 (i) Annual Review</p> <p>Reporting:</p> <p>Section 4.7 (n)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Quarterly Facility Inspections		
<p>BMP Description</p> <p>Complete and document quarterly inspections to ensure materials and equipment are clean and orderly and to minimize the potential for pollutant discharge for all facilities (priority sites) with SWPPPs. The inspection report must include any identified deficiencies and the corrective actions taken or planned to address the deficiencies.</p> <p>Site-specific inspection forms have been developed as part of each SWPPP and include the above information. One quarterly inspection will be completed by Storm Water Coordinator or designated individual as the Annual Facility Assessment (see Annual Facility Assessment BMP).</p>		
<p>Measurable Goals</p> <p>Complete inspections quarterly and maintain with SWPPPs.</p>		
<p>Responsible Entity</p> <p>Department Supervisors, Storm Water Coordinator</p>		
<p>Schedule</p> <p>Review and revise the existing SWPPP inspection forms by the end of the second year of permit coverage. Review annually and revise as needed. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, site SWPPPs, and Quarterly Facility Inspections</p>		
<p>Environmental Impact</p> <p>Minimize the potential for pollutant discharged for MS4 facilities.</p>		
<p>Recordkeeping</p> <p>Maintain quarterly inspections with the SWPPP at each site and provide a copy to the Storm Water Coordinator.</p> <p>Record all deficiencies on the inspection form and associated corrective action.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (f)</p> <p>Reporting:</p> <p>Section 4.7 (n)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Annual Facility Assessment		
<p>BMP Description</p> <p>Annually assess identified priority facilities (from inventory) for potential pollutants, existing operations (material storage, housekeeping practices, erosional features, vehicle washing, proximity of activities to drains and outfalls, etc.), the overall good housekeeping program, and other activities. Assess the map of the existing structural and non-structural storm water management measures.</p> <p>The Annual Facility Assessment uses the SWPPP Quarterly Facility Inspection forms and a written description of observed practices and activities and corrective actions.</p>		
<p>Measurable Goals</p> <p>Complete assessments annually and maintain with SWPPP.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator or designee with Department Supervisor</p>		
<p>Schedule</p> <p>Annually. Refer to Table C-1.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, site SWPPPs and Quarterly Facility Inspection forms</p>		
<p>Environmental Impact</p> <p>Minimize the potential for pollutant discharged for MS4 facilities.</p>		
<p>Recordkeeping</p> <p>Maintain the Annual Facility Assessments with the SWPPP at each site.</p> <p>Record all deficiencies on the Quarterly Facility Inspection form and associated corrective action(s).</p> <p>Update SWPPP as needed.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (c)</p> <p>Section 4.7 (i) Annual Review</p> <p>Reporting:</p> <p>Section 4.7 (n)(1) Annual Report</p>	<p><input type="checkbox"/> Current BMP</p> <p><input checked="" type="checkbox"/> New BMP</p> <p>BMP Revision Date:</p> <p>NA</p>

Periodic Litter Collection		
<p>BMP Description</p> <p>Periodic litter collection is part of the O&M Plan for MS4-owned/operated storm water infrastructure. The maintenance activities, schedules, disposal methods, and inspection procedures for the BMP are described in the SOP.</p> <p>The Burdette Parks staff is responsible for litter collection at Burdette Park. Each department is responsible for litter collection at their facilities and prior to mowing. In general, the BMP is completed for common areas by the Highway Department per a schedule, through a complaint, by a request from a department, or through surface visual inspections.</p> <p>The MS4 common area is the right-of-way area along main county roads.</p>		
<p>Measurable Goals</p> <p>Collect litter to prevent conveyance contamination and clogging.</p> <p>Develop and maintain SOP.</p>		
<p>Responsible Entity</p> <p>Highway Department, Burdette Park, Storm Water Coordinator, and facility staff.</p>		
<p>Schedule</p> <p>Review SOP annually and update as needed. Refer to Table C-1, the SOP, and Table C-11 for details.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-11 O&M Schedule, Periodic Litter Collection SOP</p>		
<p>Environmental Impact</p> <p>Reduces the amount of floatables and other pollutants discharged to conveyances.</p>		
<p>Recordkeeping</p> <p>Maintain the SOP that describes the schedules, responsible entities, tracking, and disposal.</p> <p>Record reviews and revisions to the SOP on Table C-1.</p> <p>Track maintenance activities and corrective actions through work order system.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP and review/revision date of SOP.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (g)(2)(A), (3) and (4)</p> <p>Section 4.7 (i) Annual Review</p> <p>Reporting:</p> <p>Section 4.7 (n)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Storm Water Infrastructure Maintenance		
<p>BMP Description</p> <p>Repairing and cleaning storm water infrastructure is part of the O&M Plan for MS4-owned/operated storm water infrastructure. Storm water infrastructure includes catch basins, inlets, and conveyances. The maintenance activities, schedules, disposal methods, and inspection procedures for the BMP are described in the SOP.</p> <p>Each department is responsible for notifying the Highway Department when site structures require cleaning. In general, the BMP is completed through a complaint, by request from a department, or through surface visual inspections. Completed work is reported to the County Commissioner's every 2 weeks.</p>		
<p>Measurable Goals</p> <p>Reduce the amount of floatables and other pollutants discharged by cleaning and maintaining storm water structures and conveyances.</p> <p>Develop and maintain SOP.</p>		
<p>Responsible Entity</p> <p>Highway Department, Storm Water Coordinator</p>		
<p>Schedule</p> <p>Review SOP annually and update as needed. Refer to Table C-1, the SOP, and Table C-11 for details.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-11 O&M Schedule, Infrastructure Maintenance SOP, work order system</p>		
<p>Environmental Impact</p> <p>Reduces the amount of floatables and other pollutants discharged to conveyances.</p>		
<p>Recordkeeping</p> <p>Maintain the SOP that describes the schedules, responsible entities, tracking, and disposal.</p> <p>Record reviews and revisions to the SOP on Table C-1.</p> <p>Track maintenance activities and corrective actions through work order system.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP and review/revision date of SOP.</p> <p>Section 4.7 (n)(2) – Report the number and location of storm water conveyances that have been repaired.</p> <p>Section 4.7 (n)(3) – Report the estimated amount of material removed from storm water drainage system cleaning including the disposal methods utilized.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (g)(2)(B), (E), (3) and (4)</p> <p>Section 4.7 (i) Annual Review</p> <p>Reporting:</p> <p>Section 4.7 (n)(1) - (3) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Roadside Vegetation, Shoulder, and Ditch Stabilization		
<p>BMP Description</p> <p>Roadside vegetation, shoulder, and ditch stabilization is part of the O&M Plan. The maintenance activities, schedules, disposal methods, and inspection procedures for the BMP are described in the SOP.</p> <p>Each department is responsible for notifying the Highway Department for drainage ditches, roadside shoulder repairs, and stabilization issues. In general, issues are identified through a complaint, during road projects, or through surface visual inspections. Completed work is reported to the County Commissioner's every 2 weeks.</p>		
<p>Measurable Goals</p> <p>Repair shoulders and ditches to prevent accidents and sedimentation from entering conveyances.</p> <p>Develop and maintain SOP.</p>		
<p>Responsible Entity</p> <p>Highway Department, Storm Water Coordinator</p>		
<p>Schedule</p> <p>Review SOP annually and update as needed. Refer to Table C-1, the SOP, and Table C-11 for details.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-11 O&M Schedule, Stabilization SOP, work order system, County Commissioner Reports</p>		
<p>Environmental Impact</p> <p>Prevent erosion and sedimentation from entering conveyances.</p>		
<p>Recordkeeping</p> <p>Maintain the SOP that describes the schedules, responsible entities, tracking, and disposal.</p> <p>Record reviews and revisions of the SOP on Table C-1.</p> <p>Track maintenance activities and corrective actions through work order system.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP and review/revision date of SOP.</p> <p>Section 4.7 (n)(2) – Report the number and location of storm water conveyances that have been repaired.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (g)(2)(C), (3) and (4)</p> <p>Section 4.7 (i) Annual Review</p> <p>Reporting:</p> <p>Section 4.7 (n)(1) and (2) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Remediation of Outfall Scouring		
<p>BMP Description</p> <p>Remediation of outfall scouring is part of the O&M Plan for MS4-owned/operated storm water infrastructure. The maintenance activities, schedules, disposal methods, and inspection procedures for the BMP are described in the SOP.</p> <p>Each department is responsible for notifying the Highway Department when a site outfall requires remediation. In general, the BMP is completed through a complaint, by request from a department, or through surface visual inspections.</p>		
<p>Measurable Goals</p> <p>Repair outfalls to prevent sedimentation from entering conveyances.</p> <p>Develop and maintain SOP.</p>		
<p>Responsible Entity</p> <p>Highway Department, Storm Water Coordinator</p>		
<p>Schedule</p> <p>Review SOP annually and update as needed. Refer to Table C-1, the SOP, and Table C-11 for details.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-11 O&M Schedule, Outfall Scouring SOP, work order system</p>		
<p>Environmental Impact</p> <p>Reduces the amount of floatables and other pollutants discharged to conveyances.</p>		
<p>Recordkeeping</p> <p>Maintain the SOP that describes the schedules, responsible entities, tracking, and disposal.</p> <p>Record reviews and revisions of the SOP on Table C-1.</p> <p>Track maintenance activities and corrective actions through work order system.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP and review/revision date of SOP.</p> <p>Section 4.7 (n)(2) – Report the number and location of storm water outfalls that have been repaired.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (g)(2)(E), (3) and (4)</p> <p>Section 4.7 (i) Annual Review</p> <p>Reporting:</p> <p>Section 4.7 (n)(1) & (2) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Disposal of Animal Waste		
<p>BMP Description</p> <p>The MS4 does not operate any dog parks. Animals are welcomed at Burdette Park. Trash cans are provided for owners to dispose of animal waste. Trash is collected per the Periodic Litter Collection BMP.</p>		
<p>Measurable Goals</p> <p>Properly dispose of animal waste. Implement the measures described the SWPPP.</p>		
<p>Responsible Entity</p> <p>Burdette Park staff, Storm Water Coordinator</p>		
<p>Schedule</p> <p>Refer to SOP and Table C-11.</p>		
<p>Associated Documents</p> <p>Table C-11 O&M Schedule, SWPPP, Periodic Litter Collection SOP</p>		
<p>Environmental Impact</p> <p>Reduces the potential for animal waste and related pollutants to enter receiving waters.</p>		
<p>Recordkeeping</p> <p>Record revisions to the Parks Department SWPPP.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (d)(6)(C)</p> <p>Reporting:</p> <p>Section 4.7 (n)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

County-Wide Snow and Salt Management		
<p>BMP Description</p> <p>Establish a designated snow disposal area(s) that have minimal potential for the discharge of run-off to receiving waters. Manage and store salt and other de-icing materials to minimize the discharge of storm water run-off from the facility by:</p> <ul style="list-style-type: none"> • Minimizing run-off and run-on. • Utilizing and maintaining permanent structures and/or coverings, thereby reducing the discharge of polluted storm water run-off. • Managing operations to address tracking and spillage. <p>Due to the general climate in the county, there is no designated snow disposal area. Instead, when a heavy snowfall occurs, the snow is pushed to the sides of the road to melt.</p> <p>The MS4 will revise the Highway Department SWPPP to include the disposal areas and salt management measures and storage locations.</p>		
<p>Measurable Goals</p> <p>Reduce the amount of stored salt exposed through proper management.</p>		
<p>Responsible Entity</p> <p>Highway Department, Storm Water Coordinator</p>		
<p>Schedule</p> <p>Update SWPPP within second year of permit coverage. Refer to Table C-1 and Table C-11.</p>		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-11 O&M Schedule, Highway Department SWPPP</p>		
<p>Environmental Impact</p> <p>Decrease salt run-off to conveyances.</p>		
<p>Recordkeeping</p> <p>Document the salt/sand management measures and storage locations in the SWPPP.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP.</p> <p>Section 4.7 (n)(5) – Number and location of deicing salt and sand storage areas and methods used to minimize storm water exposure.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (d)(6)(D) and (E)</p> <p>Section 4.7 (i) Annual Review</p> <p>Reporting:</p> <p>Section 4.7 (n)(1) and (5) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

County Sweeping		
BMP Description The MS4 does not currently operate a county street sweeping program. If outside contractors are used, appropriate training, tracking, and disposal of waste will occur.		
Measurable Goals N/A		
Responsible Entity N/A		
Schedule N/A		
Associated Documents N/A		
Environmental Impact N/A		
Recordkeeping N/A		
Reporting N/A		
Minimum Control Measures: <input type="checkbox"/> Public Education/Involvement <input type="checkbox"/> Illicit Discharge <input type="checkbox"/> Construction Site Control <input type="checkbox"/> Post-Construction Site Control <input checked="" type="checkbox"/> Municipal Operations	Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Section 4.7 (g)(3) - (5) Section 4.7 (i) Annual Review Reporting: Section 4.7 (n)(1) and (4) Annual Report	<input checked="" type="checkbox"/> Current BMP <input type="checkbox"/> New BMP BMP Revision Date: 12/2022

Storm Water Practices for Vendors of Subcontractors		
<p><i>BMP Description</i></p> <p>Establish procedures to ensure contractors or third-party entities hired by the MS4 to perform maintenance or other operational activities associated with the storm water system are required to comply with storm water good housekeeping practices and facility-specific storm water management policies and procedures.</p> <p>Review with departments annually with the Plan Review for MS4 Owned Projects BMP & SOP.</p>		
<p><i>Measurable Goals</i></p> <p>Train contractors on MS4 storm water management policies and procedures.</p>		
<p><i>Responsible Entity</i></p> <p>Departments using contractor(s), Storm Water Coordinator</p>		
<p><i>Schedule</i></p> <p>As needed, but prior to work being completed; review annually with departments. Refer to Table C-1.</p>		
<p><i>Associated Documents</i></p> <p>Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution, Table C-5 Training Matrix, Plan Review for MS4 Owned Projects BMP & SOP</p>		
<p><i>Environmental Impact</i></p> <p>Minimize the potential for pollutants discharged for maintenance and other activities conducted by outside entities on behalf of the MS4.</p>		
<p><i>Recordkeeping</i></p> <p>Maintain training records and attendance sheets from contractors. Track on Table C-3.</p> <p>Maintain records of reviewing with departments and Track on Table C-5.</p>		
<p><i>Reporting</i></p> <p>Section 4.7 (n)(1) – Report status update on BMP.</p>		
<p><i>Minimum Control Measures:</i></p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p><i>Permit Requirement:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (j)</p> <p><i>Reporting:</i></p> <p>Section 4.7 (n) (1) Annual Report</p>	<p><input type="checkbox"/> Current BMP</p> <p><input checked="" type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Flood Control Structures		
<p>BMP Description</p> <p>Provide written documentation that new flood control structures are assessed for their impacts on water quality and quantity during the planning and design phase. Evaluate existing flood control structures owned and/or operated by the MS4 with the purpose to modify the structure to improve water quality within the MS4.</p> <p>MS4 projects follow the storm water quality and quantity requirements established in the ordinance and CSGP requirements as applicable. The MS4 does not own or operate any flood control structures</p>		
<p>Measurable Goals</p> <p>Document that all new MS4-controlled flood management projects are evaluated for water quality impacts.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator</p>		
<p>Schedule</p> <p>Flood control structures will be evaluated during their planning and design phase.</p>		
<p>Associated Documents</p> <p>N/A</p>		
<p>Environmental Impact</p> <p>Incorporating water quality measures into flood control structures will improve water quality.</p>		
<p>Recordkeeping</p> <p>List new flood control projects and the status/outcome of the evaluation.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP.</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input checked="" type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (k) & (l)</p> <p>Reporting:</p> <p>Section 4.7 (n) (1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

Municipal Operations Training		
<p>BMP Description</p> <p>Implement an annual training program for employees directly involved in implementing good housekeeping for MS4 facilities and/or infrastructure. Relate training and topics to an employee's job responsibilities and review spill prevention and response, site-specific storm water issues, and the SWPPP.</p> <p>All municipal operation's BMPs will be addressed annually at training sessions. Training may take the form of safety meetings, online training, webcasts, webinars, articles, checklists, presentations, workshops, and conferences.</p>		
<p>Measurable Goals</p> <p>Increase employee awareness of storm water issues by providing annual training.</p>		
<p>Responsible Entity</p> <p>Storm Water Coordinator, Department Supervisors</p>		
<p>Schedule</p> <p>Refer to Table C-1. Review and revise training program by end of the second year of the permit term. Complete training for:</p> <ul style="list-style-type: none"> • New and part-time hires within 2 months and annually • Seasonal hires within 30 days • Existing employees at least annually 		
<p>Associated Documents</p> <p>Table C-1 Implementation Schedule, Table C-3 List of Educational Materials and Distribution, Table C-5 Training Matrix</p>		
<p>Environmental Impact</p> <p>Increase employee's response to storm water issues by providing annual training to increase their awareness.</p>		
<p>Recordkeeping</p> <p>Document employee training through attendance sheets, online training confirmation, completed quizzes, completed work orders, etc. Documentation must include employee name, position, date, description of the training. Track on Table C-5.</p>		
<p>Reporting</p> <p>Section 4.7 (n)(1) – Report status update on BMP</p>		
<p>Minimum Control Measures:</p> <p><input type="checkbox"/> Public Education/Involvement</p> <p><input type="checkbox"/> Illicit Discharge</p> <p><input type="checkbox"/> Construction Site Control</p> <p><input type="checkbox"/> Post-Construction Site Control</p> <p><input checked="" type="checkbox"/> Municipal Operations</p>	<p>Permit Requirement: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 4.7 (m)</p> <p>Reporting:</p> <p>Section 4.7 (n)(1) Annual Report</p>	<p><input checked="" type="checkbox"/> Current BMP</p> <p><input type="checkbox"/> New BMP</p> <p>BMP Revision Date: 12/2022</p>

4.0 MS4 PROGRAM EVALUATION AND ANNUAL REPORT

4.1 Annual Assessment of Programs

Sections of the MS4GP state an annual review or performance evaluation is required. The requirement for the annual review has been included in each applicable BMP sheet. The Annual Assessment can be documented on **Table C-13 Annual Assessment of MS4 Program** in **Appendix C**.

4.2 Annual Report

Each MCM section identifies specific information to include in the Annual Report. This information is included in each BMP sheet. Additional information required to be submitted is included in Section 8.0 of the MS4GP. The MS4 has incorporated all annual reporting information into a spreadsheet for easier tracking and reporting. Refer to **Appendix C, Table C-14 Annual Report Tracking**. Refer to **Appendix H** for recent Annual Report submittals.

5.0 ABBREVIATIONS

BMP – Best Management Practice
CSOOP – Combined Sewer Overflow Operational Plan
CSGP – Construction Storm Water General Permit
ESC – Erosion and Sediment Control
IDDE – Illicit Discharge Detection and Elimination
IDEM – Indiana Department of Environmental Management
GIS – Geographical Information System
LTCP – Long Term Control Plan (for Combined Sewer Overflows)
MCM – Minimum Control Measure
MS4 – Municipal Separate Storm Sewer System
MS4GP – Municipal Separate Storm Sewer System General Permit
NOI – Notice of Intent
NOT – Notice of Termination
NPDES – National Pollution Discharge Elimination System
O&M – Operations and Maintenance
SOP – Standard Operating Procedures
SWCD – Soil and Water Conservation District
SWMD – Solid Waste Management District
SPCC – Spill Prevention, Control, and Countermeasures
SWPPP – Storm Water Pollution Prevention Plan
SWQMP – Storm Water Quality Management Plan
TMDL – Total Maximum Daily Load
USEPA – U.S. Environmental Protection Agency
WQCR – Water Quality Characterization Report

APPENDIX A

Permit Documentation


**MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)
NOTICE OF INTENT (NOI)**

State Form 51270 (R5 / 3-22)
Form Approved by State Board of Accounts, 2003
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

- NOTE:**
- This form must be used to apply for a general NPDES permit to obtain permit coverage under the MS4 General Permit MS4 GP - (INR040000)
 - Please type or print in ink.
 - Return this form, required addenda, and payment by mail to the IDEM Stormwater Program at the address listed below.

IDEM, Stormwater Program
100 North Senate Avenue
IGCN Rm 1255
Indianapolis, IN 46204-2251

For questions regarding this form, contact:

Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)

Stormwater Program Email: Stormwat@idem.IN.gov

Web Access:
<http://www.in.gov/idem> (Search for Stormwater)

MS4 General Permit (MS4GP) may be obtained at:
<https://www.in.gov/idem/stormwater/municipal-separate-storm-sewer-systems-ms4/>

APPLICABILITY

Permit coverage under the MS4 General Permit applies to all entities that:

- (1) Are not required to obtain an individual NPDES permit under 327 IAC 15-2-9(b)
- (2) Meet the general permit rule applicability requirements under 327 IAC 15-2-3
- (3) Do not have coverage under an individual MS4 permit; and
- (4) Operate, maintain, or otherwise have responsibility for an MS4 conveyance within a designated MS4 area.

APPLICATION TYPE (check one)

- ☐ Initial NOI
- ☒ Renewal NOI
• NPDES Number: INR0400030
- ☐ Amended NOI
• NPDES Number:

Part A: GENERAL INFORMATION FOR PRIMARY MS4 OPERATOR

- (1) MS4 Name (Primary): **Vanderburgh County** County: **Vanderburgh**
- (2) Operator Name (Individual): First: **Jeff** Last: **Hatfield**
- (3) Operator Title: **President, Board of Commissioners of Vanderburgh County**
- (4) Mailing Address and Contact Information:
Address 1: **1 NW ML King Jr. Blvd.**
Address 2: **Civic Center Complex, Room 305** City: **Evansville** State: **Indiana** Zip: **47708**
Phone: **812-435-5241** Cell Phone: Email: **jhatfield@vanderburghgov.org**

Part B: MS4 COORDINATOR (MS4 Listed in Part A)

- (1) Is the MS4 Coordinator the same person as the MS4 Operator listed in Part A?
☐ Yes (Do not complete items 2 through 5) ☒ No (Complete Items 2 through 5)
- (2) Name of MS4 or Name of Company: **Vanderburgh County**
- (3) Contact Name (Individual): First: **John** Last: **Stoll**
- (4) Contact Title: **County Engineer**
- (5) Mailing Address and Contact Information:
Address 1: **201 NW Fourth St., Room 306**
Address 2: City: **Evansville** State: **Indiana** Zip: **47708**
Phone: **812-435-5241** Cell Phone: Email: **jstoll@vanderburghgov.org**

PART C: OTHER CONTACTS

Application Preparer:

(Complete Items (1) and (2) below and only complete Item (3) if different than the information listed in Part A or Part B)

(1) Contact Name (Individual): First Name: John Last Name: Stoll

(2) MS4 or Company Name: Vanderburgh County

(3) Mailing Address and Contact Information:

Address 1:

Address 2:

City:

State:

Zip:

Phone:

Cell Phone:

Email:

Consultant:

☒ Not Applicable

☐ The MS4 has retained a consultant to assist with the program

(Complete Items (1) through (3) if different than the information listed for the Application Preparer)

(1) Contact Name: (Individual): First Name: Last Name:

(2) Company Name:

(3) Mailing Address and Contact Information:

Address 1:

Address 2:

City:

State:

State Abbreviation:

Zip:

Phone:

Cell Phone:

Email:

PART D: MS4 GENERAL INFORMATION (Primary Permittee Only (Co-permittees will provide in Appendix A))

(1) Primary Receiving Water: Ohio River

(2) Coverage Area (Acres): 117504

(3) Population: 181,548

(4) Funding Sources: None

(5) Stormwater Fees:

☒ Not Applicable

☐ Yes, the fees are based on or calculated on (provide a brief description):

(6) Administration of the Minimum Control Measures:

Minimum Control Measure	Primary MS4 will Administer	Another MS4 (List Entity) will Administer	A Third Party (List Entity) will Administer	Legally Binding Agreement
Public Education	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
Public Involvement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
Illicit Discharge	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
Construction	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
Post-construction	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
Good Housekeeping	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No

PART E: MS4 CO-PERMITTEE INFORMATION

(1) Is the MS4 listed as Primary applying for permit coverage that will include co-permittees?

☐ Yes (*List the MS4 entities below*) ☒ No (*Proceed to Part F*)

(a)	(f)
(b)	(g)
(c)	(h)
(d)	(i)
(e)	(j)

Part F: GENERAL DISCHARGE INFORMATION FOR MS4 ENTITIES

(1) Hydrologic Unit Codes (12 Digit) associated with the MS4 area including those associated with co-permittees.
(*Attach separate sheets as necessary.*)

Hydrologic Unit Code (12 Digit)	Name of MS4 or MS4s
(a) See attachment	
(b)	
(c)	
(d)	
(e)	
(f)	
(g)	
(h)	

(2) Primary Hydrologic Unit Code selected from the list above: 051402020602

(3) Receiving Waters: List all separate stormwater system outfall receiving waters. The receiving waters must represent all entities seeking coverage under this NOI. (*Attach separate sheets as necessary.*)

Receiving Water	Approved TMDL (Name the TMDL)	Identify if the Water is on the current 303d (List Impairments Below)
(a) See attachment		
(b)		
(c)		
(d)		
(e)		
(f)		
(g)		
(h)		
(i)		
(j)		
(k)		
(l)		
(m)		
(n)		
(o)		
(p)		

- (4) Do any outfalls within the MS4 discharge to another MS4 conveyance?
(These conveyances may either be regulated or non-regulated under the MS4 General Permit.)

☒ Yes ☐ No

If yes, provide the name of the responsible MS4 entity for the storm system and provide the name of the initial receiving water.

Outfall Discharges Directly to a MS4 (List the MS4):	Initial Receiving Water
(a) City of Evansville	Pigeon Creek
(b) City of Evansville	Little Pigeon Creek
(c) City of Evansville	Carpentier Creek
(d) City of Evansville	Locust Creek

Part G: Public Notification

The designated entities have notified the public of their intent to submit an application to IDEM to obtain permit coverage as a MS4. The notification was achieved by one of the two options below (select the option utilized):

- ☐ A notification was placed on the MS4 web page or community calendar for 30 days prior to submittal of the NOI. The notification included the information required in the MS4GP as required by 6.1 (b)(2).
- ☒ A notification was placed on a local newspaper of general circulation for a minimum of one (1) day. The notification included the information required in the MS4GP as required by 6.1 (b)(2).

Part H: INFORMATION TO BE SUBMITTED WITH THE NOI

In addition to the information in Parts A through G and applicable appendices a MS4 operator must provide:

- (1) Proof that a notice was posted to the MS4 web page / community calendar or in a newspaper with the greatest circulation in the affected MS4 area.
- (2) Application Fee (the MS4 Operator shall pay a fee in accordance with IC 13-18-20-12 and Section 6.4 and 6.5 of the MS4GP).
- (3) Certification that appropriate legally-binding agreements or contracts between MS4 entities have been obtained.

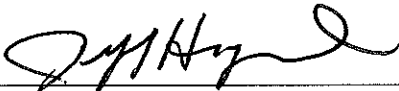
Part I: CERTIFICATION AND SIGNATURE

The Primary MS4 Operator listed in Part A must sign the following certification statement:

I swear or affirm under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified in IC 13-30-10, that the statements and representations in this notification are true, accurate, and complete.

"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 Operator Name: JEFF HATFIELD

Signature of Operator: 

Date: 6/28/2022
(mm/dd/year)

The NOI must be signed by an individual who has the appropriate signatory authority as required by 40 CFR 122.22. Wet ink signatures are required.

Appendix A: Co-permittees (Complete this form for each Co-Permittee)

(1) Name of MS4 Co-Permittee:

MS4 Operator (An individual): First: _____ Last: _____ Title: _____
 Address 1: _____
 Address 2: _____ City: _____ State: Indiana Zip: _____
 Phone: _____ Cell Phone: _____ Email: _____
 MS4 Coordinator (An individual): First: _____ Last: _____ Title: _____
 Address 1: _____
 Address 2: _____ City: _____ State: Indiana Zip: _____
 Phone: _____ Cell Phone: _____ Email: _____

(2) MS4 Information for Co-permittee:

MS4 (Co-permittee) Population: _____
 MS4 (Co-Permittee) Primary Receiving Water: _____
 Funding Sources: _____
 Does the MS4 have a Stormwater Fee: ☐ Yes ☐ No
 If Yes, provide a general description of how the fee is calculated (*i.e. impervious surface, etcetera*) _____

(3) Administration of the Minimum Control Measure:

Minimum Control Measure	Co-Permittee Listed Above will Administer	Another MS4 (List Entity) will Administer	A Third Party (List Entity) will Administer	Legally Binding Agreement
Public Education	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
Public Involvement	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
Illicit Discharge	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
Construction	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
Post-construction	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
Good Housekeeping	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No

(4) Co-permittee Certification:

I swear or affirm under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified in IC 13-30-10, that the statements and representations in this notification are true, accurate, and complete.

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 MS4 Operator Name: _____

Signature of MS4 Operator (co-Permittee): _____ Date: _____

The NOI must be signed by an individual who has the appropriate signatory authority as required by 40 CFR 122.22. Wet ink signatures are required.

(mm/dd/year)

Appendix B: Additional Program Contacts Administering Minimum Control Measures (Optional) (Add additional Pages as needed)	
MS4 Representative	Administering the Following MCMs
Name (Individual): First Name: _____ Last Name: _____ MS4 or Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Cell Phone: _____ Email: _____	<input type="checkbox"/> Public Education <input type="checkbox"/> Public Involvement <input type="checkbox"/> Illicit Discharge <input type="checkbox"/> Construction <input type="checkbox"/> Post-Construction <input type="checkbox"/> Good Housekeeping
Name (Individual): First Name: _____ Last Name: _____ MS4 or Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Cell Phone: _____ Email: _____	<input type="checkbox"/> Public Education <input type="checkbox"/> Public Involvement <input type="checkbox"/> Illicit Discharge <input type="checkbox"/> Construction <input type="checkbox"/> Post-Construction <input type="checkbox"/> Good Housekeeping
Name (Individual): First Name: _____ Last Name: _____ MS4 or Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Cell Phone: _____ Email: _____	<input type="checkbox"/> Public Education <input type="checkbox"/> Public Involvement <input type="checkbox"/> Illicit Discharge <input type="checkbox"/> Construction <input type="checkbox"/> Post-Construction <input type="checkbox"/> Good Housekeeping
Name (Individual): First Name: _____ Last Name: _____ MS4 or Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Cell Phone: _____ Email: _____	<input type="checkbox"/> Public Education <input type="checkbox"/> Public Involvement <input type="checkbox"/> Illicit Discharge <input type="checkbox"/> Construction <input type="checkbox"/> Post-Construction <input type="checkbox"/> Good Housekeeping
Name (Individual): First Name: _____ Last Name: _____ MS4 or Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Cell Phone: _____ Email: _____	<input type="checkbox"/> Public Education <input type="checkbox"/> Public Involvement <input type="checkbox"/> Illicit Discharge <input type="checkbox"/> Construction <input type="checkbox"/> Post-Construction <input type="checkbox"/> Good Housekeeping
Name (Individual): First Name: _____ Last Name: _____ MS4 or Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Cell Phone: _____ Email: _____	<input type="checkbox"/> Public Education <input type="checkbox"/> Public Involvement <input type="checkbox"/> Illicit Discharge <input type="checkbox"/> Construction <input type="checkbox"/> Post-Construction <input type="checkbox"/> Good Housekeeping

PART F - (1)

Hydrologic Unit Code (12 Digit)	Name of MS4 or MS4s
051201130705	Vanderburgh County
051402011204	Vanderburgh County
051402020602	Vanderburgh County
051402020204	Vanderburgh County
051402020601	Vanderburgh County
051201130703	Vanderburgh County
051402020303	Vanderburgh County
051402020101	Vanderburgh County
051201130702	Vanderburgh County
051402020401	Vanderburgh County
051402020304	Vanderburgh County
051402020301	Vanderburgh County
051201130706	Vanderburgh County
051201130701	Vanderburgh County
051402020305	Vanderburgh County
051402020302	Vanderburgh County
051402020306	Vanderburgh County

PART F - (3)

Receiving Water	Approved TMDL <i>Name the TMDL</i>	Identify if the Water is on the current 303d (List Impairments)
Neu Creek		
Kolb Ditch-Ohio River		
Diamond Island-Ohio River	E. coli	Dissolved Oxygen, Biological Integrity, Nutrients, PCBs in Fish Tissue
Barnes Ditch-Pigeon Creek	E. coli	Dissolved Oxygen, Biological Integrity, Nutrients, PCBs in Fish Tissue
Bayou Creek	E. coli	Dissolved Oxygen
Caney Creek-Big Creek		
Little Pigeon Creek	E. coli	
Hurricane Creek	Total Phosphorous	
Neuman Lateral-Big Creek		
East Creek-Ohio River	E. coli	Dissolved Oxygen, Biological Integrity, Nutrients, PCBs in Fish Tissue
Headwaters Locust Creek	E. coli	
Headwaters Bluegrass Creek	E. coli	
Headwaters Little Creek		
Pond Flat Ditch		
Locust Creek	E. coli	E. coli
Bluegrass Creek	E. coli	Dissolved Oxygen, Biological Integrity
Kleymeyer Park-Pigeon Creek	E. coli	Dissolved Oxygen, Biological Integrity, Nutrients, PCBs in Fish Tissue

APPENDIX B

Water Quality Characterization Report

APPENDIX C

Program Tables

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**TABLE C-1: IMPLEMENTATION SCHEDULE
SWQMP - GENERAL REQUIREMENTS**

Effective date of MS4GP: 12/18/21
Date NOI Available from IDEM: 04/06/22
Date NOI Submitted/Received by IDEM (coverage starts): 07/05/22

SWQMP BMPS	SECTION	BMP IMPLEMENTATION SCHEDULE						ROUTINE BMP SCHEDULE			Notes
		Identify		Create/Revise		Due Date	Completion Date	Frequency	Due Date	Completion Date	
		Days	Due Date	Days	Due Date						
SWQMP - Review and revise SWQMP within 6 months of permit coverage (from NOI received date)	4.1 i	180	-	-	-	01/01/23		-	-		
Edu/Participation - Community Storm Water Issue - Construction; educational materials (update plan review info for CSGP)	4.3 a 2	365	07/05/23	1095	07/04/25	07/04/27	Identified issue on 6/14/22	-	-		
Edu/Participation - Community Storm Water Issue - Construction Event (decide on event by end of year 3, complete by end of permit term)	4.3 a 2	1095	07/04/25	1825	07/04/27	07/04/27		-	-		
Edu/Participation - Community Storm Water Issue - Residential; educational materials (illicit discharge education)	4.3 a 2	365	07/05/23	1095	07/04/25	07/04/27	Identified issue on 6/14/22	-	-		
Edu/Participation - Community Storm Water Issue - Residential Event (decide on event by end of year 3, complete by end of permit term)	4.3 a 2	1095	07/04/25	1825	07/04/27	07/04/27		-	-		
Edu/Participation - Community Storm Water Issue - Commercial/Industrial; educational materials (dumpster housekeeping)	4.3 a 2	365	07/05/23	1095	07/04/25	07/04/27	Identified issue on 6/14/22	-	-		
Edu/Participation - Community Storm Water Issue - Commercial/Industrial Event (decide on event by end of year 3, complete by end of permit term)	4.3 a 2	1095	07/04/25	1825	07/04/27	07/04/27		-	-		
Edu/Participation - Hold 2 public events annually; MS4 only or with other groups.	4.3 a 3	365	-	-	-	07/05/23		-	-		
Edu/Participation - develop educational materials for distribution for constituents (completed for each educational BMP per that schedule)	4.3 a 4	365	07/05/23	1095	07/04/25	07/04/27		-	-		
Edu/Participation - provide annual training for builders, developers, contractors, engineers for Con/Post-Con	4.3 a 5	365	-	07/05/23	-	07/05/23		-	-		
Edu/Participation - develop program/outreach plan to educate on IDDE & waste disposal for employees, schools, businesses, citizens.	4.3 b	365	07/05/23	1095	07/04/25	07/04/27		-	-		
Edu/Participation - update SW webpage annually	4.3 c	365	-	-	-	07/05/23		-	-		
Edu/Participation - develop a list of all educational materials	4.3 d	365	07/05/23	1095	07/04/25	07/04/27		-	-		
Edu/Participation - report MS4/SW program updates to elected officials annually	4.3 e	365	-	-	-	07/05/23		-	-		
IDDE - Existing MS4 to update IDDE ordinance (from NOI submittal date)	4.4 a	730	-	-	-	07/04/24		-	-		
IDDE - Develop/review and update an IDDE plan - dry weather screening SOP	4.4 b 1	365	-	-	-	07/05/23		-	-		
IDDE - Develop/review and update an IDDE plan - screening schedule	4.4 b 2	365	-	-	-	07/05/23		-	-		
IDDE - Develop/review and update an IDDE plan - industry map	4.4 b 3	365	-	-	-	07/05/23		-	-		
IDDE - Develop/review and update an IDDE plan - participate or coordinate HHW events	4.4 b 4	365	-	-	-	07/05/23		-	-		
IDDE - Develop/review and update an IDDE plan - SOPs (flow chart) for investigations and complaints; forms for consistency, etc.	4.4 b 5	365	-	-	-	07/05/23		-	-		

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SWQMP BMPS	SECTION	BMP IMPLEMENTATION SCHEDULE						ROUTINE BMP SCHEDULE			Notes
		Identify		Create/Revise		Due Date	Completion Date	Frequency	Due Date	Completion Date	
		Days	Due Date	Days	Due Date						
IDDE - Review/update public reporting & tracking system for IDDE and SOP	4.4 b 6	365	-	-	-	07/05/23		-	-		
IDDE Mapping - Existing MS4s to review/update mapping as changes occur and annually and ID all receiving waters in MS4.	4.4 d	365	-	-	-	07/05/23		-	-		
IDDE Mapping - SW System map including MS4 boundary, outfalls, MS4-operated conveyances; review IDs, lon/lat, receiving waters, 303(d) list	4.4 e	365				07/05/23		-	-		
IDDE Mapping - complete a high priority map for IDDE inspections (1st year)	4.4 f	365	-	-	-	07/05/23		-	-		
IDDE - Develop/update IDDE training program for employees (180 days after SWQMP)	4.4 g	360	-	-	-	06/30/23		-	-		
IDDE - Complete a schedule for screening; complete dry-weather field screening of all MS4 outfalls per schedule (all screened by end of permit term)	4.4 h	365	-	-	-	07/14/27		-	-		
IDDE - review LTCP/CSOOP to incorporate IDDE language for consistency into SWQMP	4.4 j	180	-	-	-	01/01/23		-	-		
Const - Develop/update program including SOPs, procedures, policies, etc.	4.5 a	730	07/04/24	910	12/31/24	07/04/27		-	-		
Const - Existing MS4s review and update ordinance/standards	4.5 b	730	07/04/24	910	12/31/24	07/04/24		-	-		
Const - Develop/update procedures including timing, applications, plan review, approval and notifications; plan review form.	4.5 c	730	07/04/24	910	12/31/24	07/04/27		-	-		
Const - written procedures to inspect const. sites, schedule, use form, notify site owners, ID priority sites.	4.5 d	730	07/04/24	910	12/31/24	07/04/27		-	-		
Const - written procedures for enforcement	4.5 e	730	07/04/24	910	12/31/24	07/04/27		-	-		
Const - develop/adopt written standards/specs for ESC measures	4.5 f	730	07/04/24	910	12/31/24	07/04/27		-	-		
Const - Develop/update written procedures for public hotline for construction sites	4.5 g	365	-	-	-	07/05/23		-	-		
Post-Con - develop/review and update program, SOPs, etc.	4.6 a	365	07/05/23	01/01/24	07/07/46	07/04/27		-	-		
Post-Con - Existing MS4s review and update ordinance/standards	4.6 b c	730	-	-	-	07/04/24		-	-		
Post-Con - develop written O&M Plan/legal requirement for long-term management of Post-Con BMPs (ord/stds)	4.6 d	730	07/04/24	910	12/31/24	07/04/27		-	-		
Post-Con - develop inspection program for all MS4-owned post-construction measures and private as appropriate.	4.6 e	730	07/04/24	910	12/31/24	07/04/27		-	-		
Post-Con - develop written procedures to inspect MS4 post-con measures and private as appropriate.	4.6 f 1	730	07/04/24	910	12/31/24	07/04/27		-	-		
Post-Con - inspect all MS4 post-con measures	4.6 f 2	1825	-	-	-	07/04/27		-	-		
Post-Con - inspect all private post-con measures (implemented at adoption of Post Con Ord) or cap at 250/term	4.6 f 3	1825	-	-	-	07/04/27		-	-		
MOps - Develop or review/update program	4.7 a	365	07/05/23	730	07/04/24	07/04/27		-	-		

**TABLE C-1: IMPLEMENTATION SCHEDULE
SWQMP - GENERAL REQUIREMENTS**

Effective date of MS4GP: 12/18/21
Date NOI Available from IDEM: 04/06/22
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SWQMP BMPS	SECTION	BMP IMPLEMENTATION SCHEDULE						ROUTINE BMP SCHEDULE			Notes
		Identify		Create/Revise		Due Date	Completion Date	Frequency	Due Date	Completion Date	
		Days	Due Date	Days	Due Date						
MOps - Develop a list of MS4 facilities with map, address, long/lat, permits, pollution potential, and contacts	4.7 b	365	-	-	-	07/05/23		-	-		
MOps - Conduct Annual Facility Assessment	4.7 c	365	-	-	-	07/05/23		-	-		
MOps - Update MS4-owned facility SWPPPs, inspection forms, etc.	4.7 d	-	-	730	07/04/24	07/04/24		-	-		
MOps - Written O&M Plan = review/update existing SOPs for waste disposal, litter, cleaning, shoulder/ditches, vegetation, scouring., etc.	4.7 g	365	07/05/23	730	07/04/24	07/04/27		-	-		
MOps - Surface visual inspections of all catch basins, outfalls, and conveyances	4.7 g	365	07/05/23			07/04/27		-	-		
MOps - Develop program for maintenance activities, SOPs, documentation & corrective actions from surface visual inspections	4.7 g	365	07/05/23	730	07/04/24	07/04/27		-	-		
MOps - Employee training plan/procedure	4.7 m	365	07/05/23	730	07/04/24	07/04/27		-	-		
Water Quality - As applicable, ID parameters for TMDLs for waterbodies in MS4	5.1 c	365	-	-	-	07/05/23		-	-		
Water Quality - revise SWQMP to include SW management measures to reduce loadings to TMDL waters	5.1 c	180	-	-	-	01/01/23		-	-		
NOI Submittal - Publish public notice on MS4 website for 30 days or	6.1 b 1 a	30	-	-	-	06/05/22		-	-		
NOI Submittal - Publish public notice in newspaper for 1 day (processing and proof usually take 14-21 days)	6.1 b 1 b	21	-	-	-	06/14/22		-	-		
NOI Submittal - Existing MS4s to submit NOI within 90 days of the NOI form being available from IDEM	6.3 b	90	-	-	-	07/05/22		-	-		
WQCR - annual review (provide updates in Annual Report for existing)	3.2 b	-	-	-	-	-		Annual	1-Apr		
Annual MS4 Staff Training (minimum 12 hours, 8 of which to employee's MCM)	4.1 c	-	-	-	-	-		Annual	31-Dec		See Training Matrix
SWQMP - overall program review/annual review/updates for priorities/technology	4.1 e k; 4.2	-	-	-	-	-		Annual	31-Dec		
Edu/Participation - Conduct two public participation events annually	4.3 a	-	-	-	-	-		Annual	31-Dec		
Edu/Participation - Provide annual training for construction contractors, engineers, etc. (related to MCMs 4 & 5)	4.3 a	-	-	-	-	-		Annual	31-Dec		See Training Matrix
Edu/Participation - Develop educational materials for constituents (as needed)	4.3 a	-	-	-	-	-		As needed	31-Dec		
Edu/Participation - Review website annually and update if needed.	4.3 c	-	-	-	-	-		Annual	31-Dec		
Edu/Participation - Review/maintain list of all public education materials	4.3 a	-	-	-	-	-		Annual	31-Dec		
Edu/Participation - Report SW program updates at Board meetings annually	4.3 e	-	-	-	-	-		Annual	31-Dec		
Edu/Participation - Annual program review	4.3 g	-	-	-	-	-		Annual	31-Dec		
IDDE - update mapping annually	4.4 d 2	-	-	-	-	-		Annual	31-Dec		

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SWQMP BMPS	SECTION	BMP IMPLEMENTATION SCHEDULE						ROUTINE BMP SCHEDULE			Notes
		Identify		Create/Revise		Due Date	Completion Date	Frequency	Due Date	Completion Date	
		Days	Due Date	Days	Due Date						
IDDE - train employees responsible for IDDE	4.4 g	-	-	-	-	-		Annual	31-Dec		See Training Matrix
IDDE - complete dry weather field screening per schedule	4.4 h	-	-	-	-	-		Term	31-Dec		
IDDE - Annual program review	4.4 i	-	-	-	-	-		Annual	31-Dec		
Const - Inspect 100% of all new construction sites during initial phase of construction	4.5 d 3 A	-	-	-	-	-		Once	31-Dec		
Const - Inspect 100% of active construction sites >5 acres and priority sites twice/year	4.5 d 3 A	-	-	-	-	-		6 months	31-Dec		
Const - Inspect 50% of active construction sites <5 acres, > 1 acre at least annually	4.5 d 3	-	-	-	-	-		Annual	31-Dec		
Const - Investigate all complaints	4.5 d 3	-	-	-	-	-		All	31-Dec		
Const - Annual program review	4.5 i	-	-	-	-	-		Annual	31-Dec		
Const - Annual training for staff and contractual staff (plan reviewers, inspectors)	4.5 j	-	-	-	-	-		Annual	31-Dec		See Training Matrix
Const - Maintain an inventory of active sites	4.5 l	-	-	-	-	-		Annual	31-Dec		
Post-Con - Inspect all MS4-owned post-con measures	4.6 f	-	-	-	-	-		Annual	31-Dec		
Post-Con - Inspect all privately-owned post-con measures; 100% or 250/term	4.6 f	-	-	-	-	-		Annual	31-Dec		
Post-Con - Inspect all post-con measures when a complaint is received	4.6 f	-	-	-	-	-		Annual	31-Dec		
Post-Con - Annual program review	4.6 h	-	-	-	-	-		Annual	31-Dec		
Post-Con - Annual training for staff and contractual staff (plan reviewers, inspectors)	4.6 i	-	-	-	-	-		Annual	31-Dec		See Training Matrix
MOps - Assess/inspect annually MS4-owned sites	4.7. c	-	-	-	-	-		Annual	31-Dec		
MOps - Complete MS4 facility inspections; at least 1 done by MS4 Coordinator or designee	4.7 f	-	-	-	-	-		Annual	31-Dec		
MOps - Visual surface insp of all catch basins, outfalls, and conveyances (training)	4.7 g	-	-	-	-	-		Annual	31-Dec		
MOps - Annual program review	4.7 i	-	-	-	-	-		Annual	31-Dec		
MOps - Annual training	4.7 m	-	-	-	-	-		Annual	31-Dec		See Training Matrix
Annual Report	8.2	-	-	-	-	-		Annual	1-Apr		

**TABLE C-2: MS4 RESPONSIBLE ENTITIES
SWQMP - GENERAL REQUIREMENTS**

DEPARTMENT	NAME	LICENSES/ CERTIFICATIONS	TITLE	RESPONSIBILITY	ADDRESS	PHONE	EMAIL
Animal Care & Control (City/County)	Alisa Webster		Superintendent	Site operations, general illicit discharge	815 Uhlhorn Street, Evansville, IN 47710	812-435-6015	AWebster@evansville.in.gov
Area Plan Commission (City/County)	Ronald London		Executive Director	Residential permits, plot plans	1 NW Martin Luther King Jr Blvd, Civic Center Complex, Room 312, Evansville, IN 47708	812-435-5882	rlondon@evansvilleapc.com
Vanderburgh County Engineering Department	John Stoll	P.E.	County Engineer	MS4 Coordinator, MCM implementation	201 NW Fourth St Old Courthouse Suite 306 Evansville, IN 47708	812-435-5773	jstoll@vanderburghgov.org
Vanderburgh County Engineering Department	Vacant		Storm Water Coordinator	MS4 Coordinator, MCM implementation, recordkeeping, reporting, inspections	201 NW Fourth St Old Courthouse Suite 306 Evansville, IN 47708		
Construction Inspector	John Stoll		County Engineer	Construction inspections for CSGP projects in Vanderburgh Co. boundaries	201 NW Fourth St Old Courthouse Suite 306 Evansville, IN 47708	812-435-5773	jstoll@vanderburghgov.org
County Commissioner, President	Jeff Hatfield		President	MS4 Operator	1 NW Martin Luther King Jr Blvd Civic Center Complex Room 305 Evansville, IN 47708	812-435-5088	
County Sheriff	Noah Robinson		Lieutenant	Municipal operations, site operations, site inspections, general illicit discharge	5900 Kansas Road, Evansville, IN 47725	812-867-6596	
Highway Department	Scot Wichser		Superintendent	Municipal operations, site operations, site inspections, general illicit discharge	5105 N. St. Joseph Ave. Evansville, IN 47720	812-435-5777	swichser@vanderburghgov.org
Parks Department/ Burdette Park	Zachary Wathen		Director	Municipal operations, site operations, site inspections, general illicit discharge	5301 Nurrenbern Road, Evansville, IN 47712	812-435-5602	zwathen@vanderburghgov.org
Surveyor	Linda Freeman		Surveyor	Maintain legal drains, review drainage plans, general illicit discharge	1 NW Martin Luther King Jr Blvd Civic Center Complex, Room 325 Evansville, IN 47708	812-435-5211	lfreeman@vanderburghgov.org
Vanderburgh Co. Solid Waste Management District	Jean Carlson		Operations Manager	Recycling events, education	1 NW Martin Luther King Jr Blvd Civic Center Complex, Room 327 Evansville, IN 47708	812-436-7800	jecarlson@evansville.in.gov
Vanderburgh Co. Soil and Water Conservation District	Bonnie Bittner		Executive Assistant/ Fiscal Officer	Public education, outreach, participation & involvement	921 North Park Drive, Evansville, IN 47710	812-423-4426	bonnie.bittner@in.nacdn.net
MS4 Consultant	Amy Harvell	CHMM, RPC	Wessler Engineering	Assistance with MS4 Program development and implementation	6219 S. East Street, Indianapolis, IN 46227	317-788-4551	amyh@wesslerengineering.com

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

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

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

EVENT TITLE	PROVIDED BY	SCHEDULE	DATE(S) OCCURRED	TARGET AUDIENCE	EST. # OF ATTENDEES	DESCRIBE INFORMATION PROVIDED OR ACTIVITY CONDUCTED	OBJECTIVE MET? (Y/N)	BEHAVIORAL CHANGES OBSERVED? (Y/N)
County Commissioners Meetings	County	Jan - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	Jan - 4th Tues		Elected officials, public				
County Commissioners Meetings	County	Feb - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	Feb - 4th Tues		Elected officials, public				
County Commissioners Meetings	County	Mar - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	Mar - 4th Tues		Elected officials, public				
County Commissioners Meetings	County	Apr - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	Apr - 4th Tues		Elected officials, public				
County Commissioners Meetings	County	May - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	May - 4th Tues		Elected officials, public				
County Commissioners Meetings	County	Jun - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	Jun - 4th Tues		Elected officials, public				
County Commissioners Meetings	County	Jul - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	Jul - 4th Tues		Elected officials, public				
County Commissioners Meetings	County	Aug - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	Aug - 4th Tues		Elected officials, public				
County Commissioners Meetings	County	Sep - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	Sep - 4th Tues		Elected officials, public				
County Commissioners Meetings	County	Oct - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	Oct - 4th Tues		Elected officials, public				
County Commissioners Meetings	County	Nov - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	Nov - 4th Tues		Elected officials, public				

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

EVENT TITLE	PROVIDED BY	SCHEDULE	DATE(S) OCCURRED	TARGET AUDIENCE	EST. # OF ATTENDEES	DESCRIBE INFORMATION PROVIDED OR ACTIVITY CONDUCTED	OBJECTIVE MET? (Y/N)	BEHAVIORAL CHANGES OBSERVED? (Y/N)
County Commissioners Meetings	County	Dec - 2nd Tues		Elected officials, public				
County Commissioners Meetings	County	Dec - 4th Tues		Elected officials, public				
School Activity	MS4	Annually		Residential				
Community SW Issue - Construction	MS4	Permit Term		Construction				
Community SW Issue - Residential	MS4	Permit Term		Residential				
Community SW Issue - Commercial/ Industrial	MS4	Permit Term		Commercial/industrial				
4H Fair Booth	SWCD	July		Public				
Tire Recycling Day	VCSWMD	10/08/22	10/08/22	Residential		Recycling event		
Paper Shredding Event	VCSWMD	09/30/22	09/30/22	Residential		Recycling event		
Electronics Recycling	VCSWMD	04/30/22	04/30/22	Residential		Recycling event	Y	
Electronics Recycling	VCSWMD	07/16/22	07/16/22	Residential		Recycling event	Y	
Electronics Recycling	VCSWMD	09/24/22	09/24/22	Residential		Recycling event	Y	
Tox-Away Days	VCSWMD	04/16/22	04/16/22	Residential				
Tox-Away Days	VCSWMD	10/08/22	10/08/22	Residential				
Contractor's Workshop	City of Evansville/ Vanderburgh County	TBD		Construction				

TABLE C-5: TRAINING MATRIX
ALL MCMS - TRAINING

ENTITY/TITLE	GENERAL CONTENT	FREQUENCY	REQUIRED HOURS	COMPLETED HOURS	DATE	TRAINING NAME	NOTES
Construction Inspector - Contractor	Applicable SOPs	Annual	Not Specified				
Construction Inspector - Contractor	Construction inspection, compliance & enforcement.	Annual	Not Specified				
Contractors and Developers	Construction & post-construction requirements	Annual	Not Specified				
Contractors and Developers	General permitting process & CSGP brochure	With each building permit & CSGP	Not Specified		See Inventory		Track number of local building permits issued and CSGPs
MS4 Departments	Review requirement to obtain CSGP for municipal-owned projects.	Annual	Not Specified				
MS4 Elected Officials	General Storm Water Education	Annual	Not Specified			MS4 for Elected Officials video	
MS4 Elected Officials	Review of MS4 Program at County Commissioners Meeting	Annual	Not Specified				
MS4 Staff - Animal Care & Control	Applicable SOPs, general awareness, IDDE	Annual	Not Specified				
MS4 Staff - Highway	Facility SWPPP, Applicable SOPs	Annual	Not Specified				
MS4 Staff - Highway	General Storm Water Education, IDDE	Annual	Not Specified				
MS4 Staff - Parks Department	Facility SWPPP, applicable SOPs	Annual	Not Specified				
MS4 Staff - Parks Department	General Storm Water Education, IDDE	Annual	Not Specified				
MS4/County Staff - Administrative	General IDDE and storm water education	Annual	Not Specified				
MS4/County Staff - Administrative	Storm Water Hotline SOP & other applicable SOPs	Annual	Not Specified				
Municipal Contractors	Facility-specific storm water policies and procedures, good housekeeping practices	Prior to work, at least annually	Not Specified				Contractors used for street sweeping, construction, etc. as applicable
Storm Water Coordinator	MCM 1 Public Education	Annual	1				
Storm Water Coordinator	MCM 2 Public Involvement	Annual	1				
Storm Water Coordinator	MCM 3 IDDE	Annual	1				
Storm Water Coordinator	MCM 4-5 - Construction & Post-Construction (Plan review, inspections, enforcement, etc.)	Annual	2				
Storm Water Coordinator	MCM 6 SWPPPs, SOPs, other	Annual	1				

TABLE C-5: TRAINING MATRIX
ALL MCMS - TRAINING

ENTITY/TITLE	GENERAL CONTENT	FREQUENCY	REQUIRED HOURS	COMPLETED HOURS	DATE	TRAINING NAME	NOTES
Storm Water Coordinator	Other Storm Water Education	Annual	1				
Storm Water Coordinator	Other Storm Water Education	Annual	1				
Storm Water Coordinator	Other Storm Water Education	Annual	1				
Storm Water Coordinator	Other Storm Water Education	Annual	1				
Storm Water Coordinator	Other Storm Water Education	Annual	1				
Storm Water Coordinator	Other Storm Water Education	Annual	1				

Maintain sign-in sheet for any training events that records name, position, date of training, and description of training. Maintain list of workshops, webinars, and other training events attended. Maintain list of videos, journal articles, etc. reviewed. MS4 Coordinator shall maintain copies of training sign-in sheets/checklists. Refer to Table C-3 for List of Educational Materials and Distribution.

TABLE C-6: DRY WEATHER SCREENING SCHEDULE
MCM 3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION

OUTFALL	RECEIVING WATER	ROUTINE SCHEDULE																			
		2022				2023				2024				2025				2026			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
7643	Carpentier Creek																				
8215	Carpentier Creek																				
9019	Carpentier Creek																				
7463	Carpentier Creek, UNT to																				
7647	Carpentier Creek, UNT to																				
7653	Carpentier Creek, UNT to																				
7654	Carpentier Creek, UNT to																				
7656	Carpentier Creek, UNT to																				
7659	Carpentier Creek, UNT to																				
7668	Carpentier Creek, UNT to																				
8249	Carpentier Creek, UNT to																				
8251	Carpentier Creek, UNT to																				
8284	Carpentier Creek, UNT to																				
8287	Carpentier Creek, UNT to																				
9020	Carpentier Creek, UNT to																				
23	Firlick Creek																				
65	Firlick Creek																				
117	Firlick Creek																				
220	Firlick Creek																				
243	Firlick Creek																				
277	Firlick Creek																				
650	Firlick Creek																				
654	Firlick Creek																				
656	Firlick Creek																				
676	Firlick Creek																				
679	Firlick Creek																				
6513	Firlick Creek																				
6516	Firlick Creek																				
6519	Firlick Creek																				
8131	Firlick Creek																				
9004	Firlick Creek																				
9005	Firlick Creek																				
9006	Firlick Creek																				
9007	Firlick Creek																				
FID 4638	Firlick Creek																				
FID 4640	Firlick Creek																				
FID 4641	Firlick Creek																				
6042	Firlick Creek, UNT to																				
6488	Firlick Creek, UNT to																				
7640	Firlick Creek, UNT to																				
8189	Firlick Creek, UNT to																				
8190	Firlick Creek, UNT to																				
9027	Firlick Creek, UNT to																				
4822	Kolb Ditch																				
7606	Kolb Ditch																				
814	Licking Creek																				

TABLE C-6: DRY WEATHER SCREENING SCHEDULE
MCM 3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION

OUTFALL	RECEIVING WATER	ROUTINE SCHEDULE															
		2022				2023				2024				2025			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
6061	Licking Creek																
5884	Little Pigeon Creek																
7598	Little Pigeon Creek																
7600	Little Pigeon Creek																
9014	Little Pigeon Creek																
9015	Little Pigeon Creek																
9016	Little Pigeon Creek																
1189	Little Pigeon Creek, UNT to																
1199	Little Pigeon Creek, UNT to																
1221	Little Pigeon Creek, UNT to																
1302	Little Pigeon Creek, UNT to																
1303	Little Pigeon Creek, UNT to																
1309	Little Pigeon Creek, UNT to																
2412	Little Pigeon Creek, UNT to																
3015	Little Pigeon Creek, UNT to																
3018	Little Pigeon Creek, UNT to																
3021	Little Pigeon Creek, UNT to																
3484	Little Pigeon Creek, UNT to																
3496	Little Pigeon Creek, UNT to																
6490	Little Pigeon Creek, UNT to																
6493	Little Pigeon Creek, UNT to																
6494	Little Pigeon Creek, UNT to																
7333	Little Pigeon Creek, UNT to																
7337	Little Pigeon Creek, UNT to																
7438	Little Pigeon Creek, UNT to																
7444	Little Pigeon Creek, UNT to																
7446	Little Pigeon Creek, UNT to																
7449	Little Pigeon Creek, UNT to																
7525	Little Pigeon Creek, UNT to																
7528	Little Pigeon Creek, UNT to																
7531	Little Pigeon Creek, UNT to																
7567	Little Pigeon Creek, UNT to																
7569	Little Pigeon Creek, UNT to																
7570	Little Pigeon Creek, UNT to																
7571	Little Pigeon Creek, UNT to																
7573	Little Pigeon Creek, UNT to																
7574	Little Pigeon Creek, UNT to																
7576	Little Pigeon Creek, UNT to																
7613	Little Pigeon Creek, UNT to																
7614	Little Pigeon Creek, UNT to																
7630	Little Pigeon Creek, UNT to																
7632	Little Pigeon Creek, UNT to																
7633	Little Pigeon Creek, UNT to																
7634	Little Pigeon Creek, UNT to																
7642	Little Pigeon Creek, UNT to																
7885	Little Pigeon Creek, UNT to																

TABLE C-6: DRY WEATHER SCREENING SCHEDULE
MCM 3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION

OUTFALL	RECEIVING WATER	ROUTINE SCHEDULE																			
		2022				2023				2024				2025				2026			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
7886	Little Pigeon Creek, UNT to																				
9008	Little Pigeon Creek, UNT to																				
9009	Little Pigeon Creek, UNT to																				
9010	Little Pigeon Creek, UNT to																				
9011	Little Pigeon Creek, UNT to																				
9012	Little Pigeon Creek, UNT to																				
9013	Little Pigeon Creek, UNT to																				
9017	Little Pigeon Creek, UNT to																				
9018	Little Pigeon Creek, UNT to																				
9023	Little Pigeon Creek, UNT to																				
9042	Little Pigeon Creek, UNT to																				
9043	Little Pigeon Creek, UNT to																				
6477	Locust Creek																				
6478	Locust Creek																				
7236	Locust Creek																				
7532	Locust Creek																				
7533	Locust Creek																				
7615	Locust Creek																				
7618	Locust Creek																				
7619	Locust Creek																				
7620	Locust Creek																				
7621	Locust Creek																				
7622	Locust Creek																				
7623	Locust Creek																				
8304	Locust Creek																				
9024	Locust Creek																				
9025	Locust Creek																				
9026	Locust Creek																				
7233	Locust Creek. UNT to																				
7616	Locust Creek. UNT to																				
7617	Locust Creek. UNT to																				
7624	Locust Creek. UNT to																				
7625	Locust Creek. UNT to																				
7626	Locust Creek. UNT to																				
7627	Locust Creek. UNT to																				
7628	Locust Creek. UNT to																				
7629	Locust Creek. UNT to																				
8100	Locust Creek. UNT to																				
8101	Locust Creek. UNT to																				
8102	Locust Creek. UNT to																				
9031	Locust Creek. UNT to																				
9021	Pigeon Creek																				
9022	Pigeon Creek																				
9032	Pigeon Creek																				
9033	Pigeon Creek																				
7639	Schlensker Ditch																				

TABLE C-6: DRY WEATHER SCREENING SCHEDULE
MCM 3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION

OUTFALL	RECEIVING WATER	ROUTINE SCHEDULE																			
		2022				2023				2024				2025				2026			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
9000	Schlensker Ditch, UNT to																				
9001	Schlensker Ditch, UNT to																				
7468	Wolf Creek																				
7469	Wolf Creek																				
7475	Wolf Creek																				
7476	Wolf Creek																				
7520	Wolf Creek																				
9030	Wolf Creek																				
7464	Wolf Creek, UNT to																				
7466	Wolf Creek, UNT to																				
7467	Wolf Creek, UNT to																				
7484	Wolf Creek, UNT to																				
7521	Wolf Creek, UNT to																				
7669	Wolf Creek, UNT to																				
7682	Wolf Creek, UNT to																				
7690	Wolf Creek, UNT to																				
9028	Wolf Creek, UNT to																				
9029	Wolf Creek, UNT to																				
9034	Wolf Creek, UNT to																				
9035	Wolf Creek, UNT to																				
9036	Wolf Creek, UNT to																				
9037	Wolf Creek, UNT to																				
9038	Wolf Creek, UNT to																				
9039	Wolf Creek, UNT to																				
9040	Wolf Creek, UNT to																				
9041	Wolf Creek, UNT to																				

UNT = Unnamed tributary

**TABLE C-7: LIST OF INDUSTRIAL FACILITIES
MCM3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION**

NAME	NPDES ID	SITE PERMIT(S)	ADDRESS	CITY, STATE, ZIP	LATITUDE	LONGITUDE	PHONE	SIC CODE	FACILITY DESCRIPTION	RECEIVING WATER
Mulzer Crushed Stone Inc Wathen	INRM00037	Industrial Storm Water	S WATHEN RD	EVANSVILLE, IN 47715	37.9113	-87.5074	812-473-3285	1422	Crushed And Broken Limestone	Ohio River
Mulzer Crushed Stone Inc Sand Pit	INRM00038	Industrial Storm Water	3601 OLD GREEN RIVER RD	EVANSVILLE, IN 47734	37.935	-87.507778	844-480-6803	1481	Nonmetallic Minerals Services	Ohio River
Mulzer Crushed Stone Inc	INRM00045	Industrial Storm Water	OLD HENDERSON RD	EVANSVILLE, IN 47712	37.9156	-87.6268		1481	Nonmetallic Minerals Services	Ohio River
CSX Transportation Inc Howell Yard (not within Evansville)	INRM00071	Industrial Storm Water	2710 DIXIE FLYER RD	EVANSVILLE, IN 47712	37.963611	-87.6075		4011	Railroads, Line-Haul Operating	Ohio River
Graham Packaging Company LP	INRM00682	Industrial Storm Water	5504 FOUNDATION DR	EVANSVILLE, IN 47725	38.117508	-87.484131	812-868-8012	3085	Plastics Bottles	Pigeon Creek
Azteca Milling LP	INRM00870	Industrial Storm Water	15700 US HWY 41 N	EVANSVILLE, IN 47724	38.120884	-87.557198	812-867-3190	2046	Wet Corn Milling	Big Creek via Pond Flat Ditch
Indiana Tube Corporation	INRM00949	Industrial Storm Water	2100 LEXINGTON AVE	EVANSVILLE, IN 47720	38.016798	-87.594103		3317	Steel Pipe and Tubes	Ohio River via Locust Creek
DSM Engineering Plastics Inc	INRM01085	Industrial Storm Water	2267 W MILL RD	EVANSVILLE, IN 47720	38.026008	-87.598711	812-435-7500	3087	Custom Compound Purchased Resins	
Brake Supply Company Incorporated	INRM01134	Industrial Storm Water	5501 FOUNDATION BLVD	EVANSVILLE, IN 47725	38.110113	-87.482638	812-467-1000	3532	Mining Machinery	
PGP International Inc	INRM01576	Industrial Storm Water	5404 FOUNDATION DR	EVANSVILLE, IN 47725	38.116151	-87.484567	812-868-2680	2043	Cereal Breakfast Foods	
Wabash Plastics Incorporated	INRM01701	Industrial Storm Water	1300 BURCH DR	EVANSVILLE, IN 47711	38.047222	-87.538889	812-867-2447	3089	Plastics Products	
Advanced Disposal Services Solid Waste Midwest LLC	INRM01852	Industrial Storm Water	12900 WARRICK COUNTY LINE RD	EVANSVILLE, IN 47725	38.094834	-87.474339		4953	Refuse Systems	Ohio River via Bluegrass Creek
The Matrixx Group Incorporated dba A. Schulman Inc.	INRM01971	Industrial Storm Water	15000 US HWY 41 N	EVANSVILLE, IN 47725	38.1142	-87.5558	812-421-3600	3087	Custom Compound Purchased Resins	Ohio River via Pigeon Cr via Pond Flat Ditch
ADM Terminal Services - Evansville	INRM02034	Industrial Storm Water	2730 DIXIE FLYER RD	EVANSVILLE, IN 47712	37.96585	-87.60679	812-422-2965	4491	Marine Cargo Handling	
Berry Plastics Global	INRM02041	Industrial Storm Water	3245 KANSAS RD	EVANSVILLE, IN 47725	38.061944	-87.508056	812-867-6671	3089	Plastics Products	Ohio River via Firlick Creek
Polyram Compounds LLC	INRM02307	Industrial Storm Water	15000 FOUNDATION AVE	EVANSVILLE, IN 47725	38.113669	-87.485299	812-401-5830	3087	Custom Compound Purchased Resins	Ohio River via Bluegrass Creek via Unnamed Trib
Glisson Salvage Inc	INRM02372	Industrial Storm Water	3800 N ST JOSEPH AVE	EVANSVILLE, IN 47720	38.015	-87.601389	812-464-9062	5015	Motor Vehicle Parts, Used	
JH Rudolph & Company Incorporated	INRM02572	Industrial Storm Water	3300 S GREEN RIVER RD	EVANSVILLE, IN 47715	37.938482	-87.487528		2951	Asphalt Paving Mixtures And Blocks	Ohio River via Eagle Creek
Amazon LLC WIN2	INRM02695	Industrial Storm Water	14831 FOUNDATION AVE	EVANSVILLE, IN 44725	38.112219	-87.483434		4225	General Warehousing and Storage	
Frito Lay Evansville DC	INRM02795	Industrial Storm Water	15001 FOUNDATION AVE	EVANSVILLE, IN 47725	38.113828	-87.483652		4213	Trucking, Except Local	
Midwestern Pet Food	NA	NA	9634 HEDDEN RD	EVANSVILLE, IN 47725	38.06617	-87.506524	812-867-7466	2047	Pet Food	
Holland	NA	NA	8901 N KENTUCKY AVE	EVANSVILLE, IN 47725	38.059706	-87.544589	812-867-2676	4213	Trucking, Except Local	

**TABLE C-8: LIST OF OUTFALLS AND RECEIVING WATERS
MCM3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION (MAPPING)**

OUTFALL	DESCRIPTION	RECEIVING WATER	ROAD	SIDE OF ROAD	LONGITUDE	LATITUDE
7643		Carpentier Creek	Hogue Rd	North	-87.627092	37.981107
8215	Ditch	Carpentier Creek	S Rosenberger Ave	West	-87.627954	37.979976
9019		Carpentier Creek	Hogue Rd	North	-87.626959	37.981114
7463		Carpentier Creek, UNT to	Hogue Rd	North	-87.623986	37.981434
7647		Carpentier Creek, UNT to	Cochise Rd	South	-87.657323	37.995428
7653	Curb Turnouts	Carpentier Creek, UNT to	W Haven Dr	North	-87.639563	38.001976
7654	Curb Turnouts	Carpentier Creek, UNT to	W Haven Dr	South	-87.639628	38.001919
7656		Carpentier Creek, UNT to	Upper Mt Vernon Rd	North	-87.636697	37.989847
7659		Carpentier Creek, UNT to	Broadway Ave	North	-87.64242	37.95829
7668	RCP Headwall	Carpentier Creek, UNT to	Diefenbach Rd	West	-87.647278	37.990713
8249	Ditch	Carpentier Creek, UNT to	S Boehne Camp Rd	East	-87.645966	37.968229
8251	Ditch	Carpentier Creek, UNT to	Little Schaefer Rd	South	-87.648481	37.992296
8284	Ditch	Carpentier Creek, UNT to	Hogue Rd	North	-87.623873	37.981449
8287	Ditch	Carpentier Creek, UNT to	Hogue Rd	South	-87.6239	37.981324
9020		Carpentier Creek, UNT to	Upper Mt Vernon Rd	South	-87.647188	37.990421
23	Concrete Headwall w/flapgate	Firlick Creek	N/A	N/A	-87.511148	38.064574
65	Concrete Headwall w/flapgate	Firlick Creek	N/A	N/A	-87.511317	38.066042
117	Headwall w/flapgate	Firlick Creek	N/A	N/A	-87.511643	38.065096
220	Concrete Headwall w/flapgate	Firlick Creek	N/A	N/A	-87.511889	38.067721
243	Flap Gate	Firlick Creek	N/A	N/A	-87.513468	38.071403
277	Flared End Section	Firlick Creek	Cayes Dr	East	-87.513134	38.066713
650	Flared End Section	Firlick Creek	Eagle Crossing Dr	South	-87.516795	38.077658
654	Flared End Section	Firlick Creek	Eagle Crossing Dr	South	-87.516408	38.077492
656	Flared End Section	Firlick Creek	Eagle Crossing Dr	South	-87.515976	38.077407
676	Flared End Section	Firlick Creek	N/A	N/A	-87.513533	38.073326
679	Flared End Section	Firlick Creek	N/A	N/A	-87.511482	38.073315
6513	Flared End Section	Firlick Creek	Championship Dr	South	-87.5185	38.07863
6516	Flared End Section	Firlick Creek	Championship Dr	South	-87.518968	38.078615
6519	Flared End Section	Firlick Creek	Championship Dr	South	-87.519584	38.078636
8131	Ditch Outfall	Firlick Creek	Hedden Rd	East	-87.504832	38.053419
9004	Ditch	Firlick Creek	Kansas Rd	North	-87.511627	38.064373

**TABLE C-8: LIST OF OUTFALLS AND RECEIVING WATERS
MCM3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION (MAPPING)**

OUTFALL	DESCRIPTION	RECEIVING WATER	ROAD	SIDE OF ROAD	LONGITUDE	LATITUDE
9005	Ditch	Firlick Creek	Kansas Rd	South	-87.511585	38.064219
9006	Ditch	Firlick Creek	Kansas Rd	North	-87.511434	38.064361
9007	Ditch	Firlick Creek	Kansas Rd	South	-87.511404	38.064201
FID 4638	End Section	Firlick Creek	Millersburg Rd	South	-87.5006183	38.0494735
FID 4640	End Section	Firlick Creek	Millersburg Rd	North	-87.5011514	38.0497441
FID 4641	End Section	Firlick Creek	Millersburg Rd	North	-87.5011784	38.0497665
6042	Flared End Section	Firlick Creek, UNT to	Oak Hill Rd	East	-87.509974	38.027777
6488		Firlick Creek, UNT to	Oak Hill Rd	East	-87.509967	38.027757
7640		Firlick Creek, UNT to	Old Petersburg Rd	East	-87.518003	38.074924
8189	Ditch	Firlick Creek, UNT to	Oak Hill Rd	East	-87.510014	38.027927
8190	Ditch	Firlick Creek, UNT to	Oak Hill Rd	East	-87.510029	38.027625
9027	Ditch Outfall	Firlick Creek, UNT to	Old Petersburg Rd	West	-87.518315	38.074837
4822	Flared End Section	Kolb Ditch	Seasons Ridge Blvd	East	-87.477188	37.953788
7606	Flap Gate	Kolb Ditch	N/A	N/A	-87.46726	37.949446
814		Licking Creek	Oak Hill Rd	East	-87.509983	38.029985
6061	Flared End Section	Licking Creek	Oak Hill Rd	East	-87.509984	38.029773
5884	Flared End Section	Little Pigeon Creek	E Mt Pleasant Rd	North	-87.550782	38.057825
7598	Headwall w/flapgate	Little Pigeon Creek	N/A	N/A	-87.550325	38.060103
7600	Flared End Section	Little Pigeon Creek	N/A	N/A	-87.549795	38.072108
9014	Ditch Outfall	Little Pigeon Creek	E Mt Pleasant Rd	South	-87.550616	38.057576
9015	Ditch Outfall	Little Pigeon Creek	E Mt Pleasant Rd	North	-87.550412	38.057779
9016	Ditch Outfall	Little Pigeon Creek	E Mt Pleasant Rd	South	-87.550458	38.057545
1189	Concrete Headwall	Little Pigeon Creek, UNT to	N/A	N/A	-87.553104	38.044639
1199	Concrete Headwall	Little Pigeon Creek, UNT to	N/A	N/A	-87.552588	38.044108
1221	Flap Gate Outlet	Little Pigeon Creek, UNT to	N/A	N/A	-87.557519	38.046206
1302		Little Pigeon Creek, UNT to	N/A	N/A	-87.53562	38.057914
1303		Little Pigeon Creek, UNT to	N/A	N/A	-87.536709	38.057882
1309		Little Pigeon Creek, UNT to	N/A	N/A	-87.536654	38.060046
2412	Open Ended Black Pipe	Little Pigeon Creek, UNT to	N/A	N/A	-87.555271	38.045479
3015	Open Ended Pipe	Little Pigeon Creek, UNT to	Larch Ln	East	-87.567788	38.052908
3018	RCP Box Culvert	Little Pigeon Creek, UNT to	Larch Ln	East	-87.567781	38.052926

TABLE C-8: LIST OF OUTFALLS AND RECEIVING WATERS
MCM3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION (MAPPING)

OUTFALL	DESCRIPTION	RECEIVING WATER	ROAD	SIDE OF ROAD	LONGITUDE	LATITUDE
3021	Flared End Section	Little Pigeon Creek, UNT to	Pine Pl	South	-87.567691	38.052884
3484	Flared End Section	Little Pigeon Creek, UNT to	E Hillsdale Rd	South	-87.549196	38.079254
3496	Double Flared End Sections	Little Pigeon Creek, UNT to	N/A	N/A	-87.549832	38.077582
6490	Concrete Headwall Flapgate	Little Pigeon Creek, UNT to	N/A	N/A	-87.539287	38.054468
6493		Little Pigeon Creek, UNT to	E Evergreen Rd	North	-87.560386	38.04577
6494		Little Pigeon Creek, UNT to	E Evergreen Rd	South	-87.560351	38.045508
7333	Flared End Section	Little Pigeon Creek, UNT to	N/A	N/A	-87.553879	38.067999
7337	Open Ended Pipe	Little Pigeon Creek, UNT to	Lakebrook Dr	South	-87.553545	38.066963
7438		Little Pigeon Creek, UNT to	Baumgart Rd	East	-87.541368	38.054253
7444		Little Pigeon Creek, UNT to	Baumgart Rd	West	-87.541572	38.054182
7446		Little Pigeon Creek, UNT to	Yorktown Rd	West	-87.53622	38.057872
7449		Little Pigeon Creek, UNT to	Yorktown Rd	East	-87.535942	38.057871
7525		Little Pigeon Creek, UNT to	Eissler Rd	South	-87.562347	38.05056
7528		Little Pigeon Creek, UNT to	Eissler Rd	North	-87.562278	38.050669
7531		Little Pigeon Creek, UNT to	Old State Rd	West	-87.563152	38.050839
7567		Little Pigeon Creek, UNT to	Walnut Rd	West	-87.55354	38.085902
7569		Little Pigeon Creek, UNT to	Walnut Rd	East	-87.553468	38.085927
7570		Little Pigeon Creek, UNT to	Campbell Rd	North	-87.552548	38.086574
7571		Little Pigeon Creek, UNT to	Campbell Rd	South	-87.552676	38.086494
7573	Flared End Section	Little Pigeon Creek, UNT to	Strawberry Hill Rd	North	-87.559976	38.0478
7574	Flared End Section	Little Pigeon Creek, UNT to	Strawberry Hill Rd	South	-87.560024	38.047693
7576		Little Pigeon Creek, UNT to	Old State Rd	West	-87.562783	38.044699
7613	Open Ended Pipe	Little Pigeon Creek, UNT to	Pine Pl	South	-87.567038	38.052624
7614	Open Ended Pipe	Little Pigeon Creek, UNT to	Heather Ct	East	-87.566564	38.052467
7630	Open Ended Pipe	Little Pigeon Creek, UNT to	Old State Rd	East	-87.560379	38.070841
7632	Curb Turnout	Little Pigeon Creek, UNT to	Lakebrook Dr	North	-87.553572	38.067084
7633	Curb Turnout	Little Pigeon Creek, UNT to	Lakebrook Dr	South	-87.55356	38.066984
7634		Little Pigeon Creek, UNT to	Lakebrook Dr	South	-87.55359	38.066961
7642	Pipe	Little Pigeon Creek, UNT to	Booneville-New Harmony	South	-87.548649	38.09363
7885	Ditch	Little Pigeon Creek, UNT to	Baumgart Rd	East	-87.541375	38.054318
7886	Ditch	Little Pigeon Creek, UNT to	Baumgart Rd	West	-87.541575	38.054247

TABLE C-8: LIST OF OUTFALLS AND RECEIVING WATERS
MCM3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION (MAPPING)

OUTFALL	DESCRIPTION	RECEIVING WATER	ROAD	SIDE OF ROAD	LONGITUDE	LATITUDE
9008	Ditch	Little Pigeon Creek, UNT to	Old State Rd	West	-87.563161	38.050913
9009	Rip Rap Lined Ditch	Little Pigeon Creek, UNT to	Old State Rd	East	-87.562975	38.050855
9010	Concrete Lined Ribbon	Little Pigeon Creek, UNT to	Old State Rd	East	-87.562615	38.044347
9011	Concrete Lined Ribbon	Little Pigeon Creek, UNT to	Old State Rd	East	-87.562622	38.044413
9012	Ditch	Little Pigeon Creek, UNT to	Old State Rd	West	-87.562799	38.044363
9013	Headwall w/flapgate	Little Pigeon Creek, UNT to	N/A	N/A	-87.555158	38.045217
9017	Ditch	Little Pigeon Creek, UNT to	Campbell Rd	North	-87.552643	38.086584
9018	Ditch	Little Pigeon Creek, UNT to	Campbell Rd	South	-87.552744	38.086492
9023	Ditch Outfall	Little Pigeon Creek, UNT to	Booneville-New Harmony	North	-87.548799	38.093816
9042		Little Pigeon Creek, UNT to	Radio Ave	South	-87.554343	38.082987
9043		Little Pigeon Creek, UNT to	Radio Ave	South	-87.554291	38.082987
6477		Locust Creek	N St Joseph Ave	East	-87.599325	38.020611
6478		Locust Creek	N St Joseph Ave	West	-87.599719	38.020225
7236	Ditch Outfall	Locust Creek	Wimberg Rd	South	-87.597355	38.036728
7532	Rip Rap Lined Ditch	Locust Creek	W Mill Rd	North	-87.596152	38.025915
7533	Rip Rap Lined Ditch	Locust Creek	W Mill Rd	North	-87.595975	38.025913
7615		Locust Creek	Mohr Rd	North	-87.588254	38.051157
7618		Locust Creek	Schenk Rd	South	-87.586164	38.065663
7619		Locust Creek	Schenk Rd	North	-87.586151	38.065799
7620		Locust Creek	Schenk Rd	North	-87.586022	38.065788
7621		Locust Creek	Schenk Rd	South	-87.586007	38.065664
7622	Ditch Outfall	Locust Creek	Allen Ln	North	-87.603041	38.007811
7623	Ditch Outfall	Locust Creek	Allen Ln	North	-87.603256	38.00781
8304	Ditch	Locust Creek	Mohr Rd	South	-87.588308	38.051019
9024	Ditch Outfall	Locust Creek	Allen Ln	South	-87.603387	38.007584
9025	Ditch Outfall	Locust Creek	Allen Ln	South	-87.603086	38.007567
9026		Locust Creek	N St Joseph Ave	East	-87.599835	38.003432
7233		Locust Creek. UNT to	N St Joseph Ave	West	-87.599118	38.035012
7616		Locust Creek. UNT to	Mohr Rd	South	-87.596519	38.051232
7617		Locust Creek. UNT to	Mohr Rd	North	-87.596358	38.05135
7624		Locust Creek. UNT to	Mesker Park Dr	East	-87.617115	38.023691

**TABLE C-8: LIST OF OUTFALLS AND RECEIVING WATERS
MCM3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION (MAPPING)**

OUTFALL	DESCRIPTION	RECEIVING WATER	ROAD	SIDE OF ROAD	LONGITUDE	LATITUDE
7625	Ditch Outfall	Locust Creek. UNT to	Mesker Park Dr	East	-87.617177	38.023933
7626		Locust Creek. UNT to	Mesker Park Dr	East	-87.612837	38.013312
7627		Locust Creek. UNT to	Mesker Park Dr	East	-87.612848	38.013384
7628		Locust Creek. UNT to	Mesker Park Dr	West	-87.612997	38.013305
7629		Locust Creek. UNT to	Mesker Park Dr	West	-87.613021	38.013379
8100	Ditch Outfall	Locust Creek. UNT to	N St Joseph Ave	West	-87.598723	38.050511
8101	Ditch Outfall	Locust Creek. UNT to	N St Joseph Ave	East	-87.598525	38.050403
8102	Ditch Outfall	Locust Creek. UNT to	N St Joseph Ave	West	-87.598728	38.05043
9031	End Section	Locust Creek. UNT to	N/A	N/A	-87.588511	38.047471
9021	Pipe	Pigeon Creek	Lynch Rd	South	-87.500046	38.012786
9022	Ditch	Pigeon Creek	Lynch Rd	South	-87.500094	38.012762
9032	End Section	Pigeon Creek	N Green River Rd	East	-87.491935	38.026641
9033	Ditch	Pigeon Creek	N Green River Rd	East	-87.491819	38.027529
7639		Schlensker Ditch	N Green River Rd	East	-87.490543	38.088086
9000	Concrete End Section	Schlensker Ditch, UNT to	N/A	N/A	-87.502909	38.091378
9001	Concrete Headwall w/flapgate	Schlensker Ditch, UNT to	N/A	N/A	-87.502743	38.091249
7468		Wolf Creek	N Eickhoff Rd	West	-87.677431	37.985445
7469		Wolf Creek	N Eickhoff Rd	West	-87.677433	37.985423
7475	Rip Rap Lined Ditch	Wolf Creek	Hogue Rd	North	-87.682962	37.982895
7476	Ditch Outfall	Wolf Creek	Hogue Rd	South	-87.683022	37.982794
7520	Ditch Outfall	Wolf Creek	University Pkwy	East	-87.677851	37.987067
9030	End Section	Wolf Creek	N Eickhoff Rd	West	-87.677438	37.985435
7464	Rip Rap Lined Ditch	Wolf Creek, UNT to	University Pkwy	West	-87.678658	37.990496
7466	Flared End Section	Wolf Creek, UNT to	Hogue Rd	North	-87.668736	37.980426
7467	Flared End Section	Wolf Creek, UNT to	Hogue Rd	North	-87.66878	37.98043
7484	Ditch Outfall	Wolf Creek, UNT to	University Pkwy	West	-87.679317	37.978954
7521	Ditch Outfall	Wolf Creek, UNT to	University Pkwy	West	-87.679391	37.978815
7669		Wolf Creek, UNT to	Hogue Rd	East	-87.695304	37.988177
7682		Wolf Creek, UNT to	Wolf Creek Dr	North	-87.676755	37.978057
7690	End Section	Wolf Creek, UNT to	Wolf Creek Ct	North	-87.673672	37.976771
9028	Ditch Outfall	Wolf Creek, UNT to	University Pkwy	East	-87.677725	37.99133

**TABLE C-8: LIST OF OUTFALLS AND RECEIVING WATERS
MCM3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION (MAPPING)**

OUTFALL	DESCRIPTION	RECEIVING WATER	ROAD	SIDE OF ROAD	LONGITUDE	LATITUDE
9029	Ditch Outfall	Wolf Creek, UNT to	S Eickhoff Rd	East	-87.677399	37.978435
9034		Wolf Creek, UNT to	University Pkwy	West	-87.677918	37.971406
9035		Wolf Creek, UNT to	University Pkwy	West	-87.67796	37.971357
9036	Ditch Outfall	Wolf Creek, UNT to	University Pkwy	East	-87.678403	37.978298
9037		Wolf Creek, UNT to	University Pkwy	East	-87.678354	37.978459
9038		Wolf Creek, UNT to	University Pkwy	East	-87.678409	37.978374
9039	Ditch Outfall	Wolf Creek, UNT to	University Pkwy	West	-87.678004	37.971478
9040	Ditch Outfall	Wolf Creek, UNT to	University Pkwy	East	-87.677728	37.990476
9041		Wolf Creek, UNT to	University Pkwy	West	-87.679073	37.9876

TABLE C-9: CSGP PROJECT INVENTORY
MCM 4 & 5 CONSTRUCTION AND POST-CONSTRUCTION STORM WATER

[illegible]

**TABLE C-10: INVENTORY OF POST-CONSTRUCTION STRUCTURAL BMPS
MCM5 - POST-CONSTRUCTION STORM WATER RUN-OFF**

OWNER	ADDRESS	BMP DESCRIPTION	DRAINAGE AREA DESCRIPTION	LATITUDE	LONGITUDE	CONSTRUCTION INSPECTION DATE	LAST INSPECTION DATE	CURRENT TERM INSPECTION DATE
Kiesel, Kevin & Naas, Keith D/B/A K & K Farms	N/A	Wet retention pond	Residential and Industrial areas	37.950834	-87.458669			
N/A	N/A	Wet retention pond	Residential area	37.94916	-87.469112			
		Wet retention pond		38.017706	-87.461410			
		Wet retention pond		38.015902	-87.461581			
		Wet retention pond		38.029916	-87.458170			
		Wet retention pond		38.021509	-87.482097			
		Wet retention pond		38.020828	-87.491659			
		Wet retention pond		38.01389	-87.497629			
H & R SOIL BORROW		Detention basin						
JACOB'S VILLAGE COMMUNITY CENTER								
WAL-MART AT HWY 57 & BNH RD								
ST MARY'S AMBULATORY NORTH		Detention basin						
HEDDEN ROAD MINI- STORAGE		Detention basin						
JJ BRODI BORROW & DISPOSAL SITE								
THE HILLS SECTION 2								
VECTREN Y-34								
CLEARCREST TWO		Detention basin						
VECTREN OLIVER STORAGE								
METRO PROPERTIES 9201 OAKHILL		Detention basin						
AZTECA WAREHOUSE EXPANSION								
CLEARCREST PARCELIZATION		Detention basin						
NO MORE PROBLEMS POOL SERVICE								
HAWTHORNE ESTATES SEC 2								
BUGGY BATH CAR WASH								

**TABLE C-10: INVENTORY OF POST-CONSTRUCTION STRUCTURAL BMPS
MCM5 - POST-CONSTRUCTION STORM WATER RUN-OFF**

OWNER	ADDRESS	BMP DESCRIPTION	DRAINAGE AREA DESCRIPTION	LATITUDE	LONGITUDE	CONSTRUCTION INSPECTION DATE	LAST INSPECTION DATE	CURRENT TERM INSPECTION DATE
HECKEL RD COMM SUB								
DAYTON FREIGHT		Detention basin						
SELECT SOURCE WAREHOUSE EXPANSION								
HUNTER CHASE NOV 2016		Detention basin						
EVSC NORTHSIDE ELEMENTARY SCHOOL		Detention basin						
BASDEN RV CENTER		Detention basin						
STAR GROUP - HOTEL								
KLENCK OFFICE		Detention basin						
VECTREN KANSAS- RUSTON GAS LINE								
VECTREN KASSON TO OBH GAS REPAIR								
MIDWESTERN PET FOODS		Detention basin						
PENSKE TRUCK LEASING								
WOLF CREEK VILLAGE III		Detention basin						
VIP LOTS 8 & 9 WAREHOUSE EXPANSION		Detention basin						
SIX PACK PROPERTIES LLC		Detention basin						
OLD NATIONAL BANK (North/Schnucks)		Detention basin						
CREEKSIDE MEADOWS SECTIONS 3-5		Detention basin						
SADDLE CREEK SEC 1		Detention basin						
VIERA BROTHERS BORROW SITE								
GREEN RIVER 6 & 7 WATER RELOCATE								

TABLE C-11: STORM WATER INFRASTRUCTURE OPERATIONS AND MAINTENANCE SCHEDULE
MCM6 - MUNICIPAL OPERATIONS POLLUTION PREVENTION AND GOOD HOUSEKEEPING

ACTIVITY	ROUTINE SCHEDULE																							
	January	February	March	April	May	June	July	August	September	October	November	December												
Periodic Litter Collection																								
Routine Trash Collection																								
Recycling Collection																								
Clean-Up Events																								
Structure Cleaning																								
Structure Repairs																								
Shoulder & Ditch Stabilization																								
Vegetation Care/Stabilization																								
Outfall Inspections																								
Outfall Scouring Repairs																								
Disposal of Animal Waste																								
Plowing/Salt Application																								

TABLE C-12: INVENTORY OF MS4 FACILITIES
MCM6 - MUNICIPAL OPERATIONS POLLUTION PREVENTION AND GOOD HOUSEKEEPING

NAME	ADDRESS	LATITUDE	LONGITUDE	SITE PERMITS	CONTACT	ALTERNATE CONTACT	PRIORITY SITE? (Y/N)	SWPPP NAME OR N/A
Highway Department	5105 N St Joseph Ave	38.026402	-87.598112	None	Scot Wichser		Y	Highway Department SWPPP
Sheriff's Office/County Jail	3500 N Harlan Ave	38.011538	-87.542243	None	Noah Robinson	David Rector	To be evaluated	
Sheriff's Training Center	5900 Kansas Road	38.065542	-87.478868	None	Noah Robinson	David Rector	To be evaluated	
Emergency Management Agency	3500 N Harlan Ave	38.011538	-87.542243	None	Cliff Weaver		N	
Evansville-Vanderburgh County Civic Center	1 NW Martin Luther King Jr Boulevard	37.973583	-87.567284	None	David Rector		N	
Old Vanderburgh County Courthouse	201 NW 4th Street	37.973921	-87.572215	None	Alyssa Nilson		N	
County Court	825 Sycamore Street	37.974198	-87.566602	None	David Rector		N	
County Coroner	201 S Morton Avenue	37.975189	-87.555343	None	Steven Lockyear	David Anson	N	
Veterans' Memorial Coliseum	300 Court Street	37.974377	-87.573385	None			N	
Burdette Park/Parks Department	5301 Nurrenbern Rd	37.943161	-87.642713	None	Zachary Wathen		Y	Parks Department SWPPP

TABLE C-13 ANNUAL ASSESSMENT OF MS4 PROGRAM

REFERENCE	REQUIREMENT	2023 REVIEW	2024 REVIEW	2025 REVIEW	2026 REVIEW
Section 3.2 (b) WQCR	Review the WQCR to determine if revisions are required and then provide updated WQCR in the Annual Report.				
Section 4.1 (e) General Performance	Maintain and evaluate potential overall program performance improvement opportunities in implementing the six MCMs.				
Section 4.1 (k) General Performance	Conduct an annual review of the SWQMP and as necessary update the plan to ensure it reflects the goals of the MS4 program are being met.				
Section 4.2 (a)(6) SWQMP	Annual updates based on changes in priorities, technology, goals, etc.				
Section 4.3 (g) MCM 1 & 2	Implement and assess the program annually and update goals, as necessary. Describe changes in public awareness resulting from implementation of the program.				
Section 4.4 (i) MCM 3	Review and assess the program annually and update, as necessary.				
Section 4.5 (i) MCM 4	Perform an evaluation and an assessment of the effectiveness of the program annually and update, as necessary. (1) Evaluate and assess the following:				
	(A) Regulatory mechanism(s) (i.e., ordinance).				

TABLE C-13 ANNUAL ASSESSMENT OF MS4 PROGRAM

REFERENCE	REQUIREMENT	2023 REVIEW	2024 REVIEW	2025 REVIEW	2026 REVIEW
Section 4.5 (i) MCM 4 (continued)	(B) Plan review process, policy, and procedures.				
	(C) Site Inspection process, policy, and procedures.				
	(D) Standards and specification manual and/or guidance documents.				
	(E) Policy and procedures related to management and compliance of MS4 owned and/or operated projects.				
	(F) Assess coordination with other departments within the MS4 departments.				
	(2) Develop and implement a plan and schedule to address program deficiencies, improvements, and modifications to the program.				
Section 4.6 (h) MCM 5	Review and assess the program annually and update, as necessary. (1) Evaluate and assess the following:				
	(A) Regulatory mechanism(s) (i.e., ordinance).				
	(B) Plan review process, policy, and procedures.				
	(C) Site Inspection process, policy, and procedures.				
	(D) Standards and specification manual and/or guidance documents.				

TABLE C-13 ANNUAL ASSESSMENT OF MS4 PROGRAM

REFERENCE	REQUIREMENT	2023 REVIEW	2024 REVIEW	2025 REVIEW	2026 REVIEW
Section 4.6 (h) MCM 5 (continued)	(E) Policy and procedures related to management and compliance of MS4 owned and/or operated projects.				
	(F) Assess coordination with other MS4 departments.				
	(2) Develop and implement a plan and schedule to address program deficiencies, improvements, and modifications to the program.				
Section 4.7 (d) (3) MCM 6 SWPPP	Procedures to review the SWPPP annually and update as needed.				
Section 4.7 (i) MCM 6	Review and assess the good housekeeping program for adequacy and accuracy annually and update, as necessary.				

TABLE C-14: ANNUAL REPORT FOR TRACKING

REFERENCE	REQUIREMENT	ACTIVITY
Public Education, Outreach, Participation and Involvement		
4.3 (h)(1)	Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific changes made to resolve problems identified. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified.	
	Community Storm Water Issue Construction MG - Increase awareness of MS4's approval process by providing educational information.	
	Community Storm Water Issue Residential MG - Increase public awareness and knowledge of illicit discharge detection and elimination by providing educational materials and information to the public.	
	Community Storm Water Issue Commercial/Industrial MG - Increase knowledge of proper trash dumpster housekeeping and storm water impacts to industrial/commercial sites.	
	Public Events MG - Increase local knowledge on storm water issues by providing two public events annually for participation.	
	Educational Materials MG - Organize and review developed materials to ensure the information is relevant prior to distribution.	
	Construction/Post-Construction Training for Builders, Developers, Contractors, and Engineers MG - Increase knowledge of MS4 construction and post-construction processes and procedures to contractors through training.	
	Illicit Discharge Public Education MG - Increase public knowledge about illicit discharges through educational efforts	
	Storm Water Website MG - Increase public awareness and participation by providing storm water information on the Storm Water website.	
	Elected Officials Update MG - Provide an opportunity to inform elected officials of program status and achievements and for the community to be involved with storm water drainage planning and to express concerns	

TABLE C-14: ANNUAL REPORT FOR TRACKING

REFERENCE	REQUIREMENT	ACTIVITY
4.3 (h)(2)	A list of each public participation and outreach events and activities conducted, a description of the activity, an estimate of the number of attendees, and an assessment if the goals and objectives were met.	
4.3 (h)(3)	The number and types of construction and/or post-construction storm water training opportunities that were provided to contractors, developers and builders, property owners (commercial, industrial, residential, homeowner associations, and other targeted entities during the reporting period).	
4.3 (h)(4)	Documentation that presentations were made to elected officials or boards.	
4.3 (h)(5)	Describe each targeted audience selected and how they were reached during the reporting period and describe behavioral changes observed.	
4.3 (h)(6)	A list of all public education materials used during the reporting period.	
Illicit Discharge, Detection and Elimination		
4.4 (k)(1)	Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific changes made to resolve problems identified. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified.	
	Illicit Discharge Ordinance Update MG - Continue to maintain and enforce the illicit discharge ordinance. Review and update the ordinance to meet the MS4's needs and the MS4GP requirements.	
	Dry Weather Screening MG - Develop a schedule and perform visual inspections of outfalls and screen for illicit discharges. Maintain SOP for staff to follow in performing dry weather screenings and investigations.	
	Industrial Facility Mapping MG - Compile the locations and information on industrial facilities in the first year of the permit term and develop a map.	
	Collection of Hazardous Waste MG - Promote household hazardous waste collection opportunities on the website.	

TABLE C-14: ANNUAL REPORT FOR TRACKING

REFERENCE	REQUIREMENT	ACTIVITY
4.4 (k)(1) (continued)	Illicit Discharge Detection and Elimination SOPs MG - Maintain SOPs for illicit discharge investigation, dry weather screening, and complaint tracking.	
	Public Reporting MG - Promote the methods on how to report storm water complaints. Investigate potential illicit discharges within 2 business days. Maintain an SOP for public reporting.	
	Develop Storm Sewer System Map MG - Maintain storm sewer and outfall mapping. Map outfalls and conveyances as they are identified. Identify high priority areas based on complaints, illicit discharges, and other issues in the map.	
	IDDE Training for MS4 Staff MG - Revise or develop training materials for staff training within 360 days of permit coverage. Provide training to applicable staff members annually. Provide training within specified timeframes for new hires and applicable seasonal employees.	
	Review of CSOOP and LTCP MG - NA	
	Review of Receiving Water TMDLs MG - Review the USEPA approved TMDLs and 303(d) lists and add information to SWQMP and WQCR and update BMPs accordingly.	
4.4 (k)(2)	IDDE program updates.	
4.4 (k)(3)	A summary of any storm sewer system mapping changes to the storm water outfall and conveyance maps.	
4.4 (k)(4)	Number of new MS4 outfalls mapped.	
4.4 (k)(5)	Number and location of dry weather outfalls screened for illicit discharges.	
4.4 (k)(6)	Number and location of illicit discharges detected.	
4.4 (k)(7)	Number and location of illicit discharges eliminated.	
4.4 (k)(8)	Number of illicit discharges and/or spills reported to the MS4 entity.	

TABLE C-14: ANNUAL REPORT FOR TRACKING

REFERENCE	REQUIREMENT	ACTIVITY
4.4 (k)(9)	Number of enforcement actions taken by the MS4 entity.	
Construction Site Storm Water Run-Off		
4.5 (m)(1)	Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific changes made to resolve problems identified. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified.	
	Construction Storm Water Ordinance and Standards MG - Develop and implement an ordinance that is consistent with the requirements of the MS4GP and CSGP.	
	Construction Storm Water Plan Review MG - Review construction projects per the ordinance, standards, MS4GP and CSGP. Maintain SOPs for the plan review process.	
	CSGP Compliance for MS4 Owned Projects MG - Submit all CSGP qualifying construction projects for plan review. Develop an SOP for CSGP submittals across all MS4 departments.	
	Construction Priority Sites MG - Evaluate all qualifying construction projects for priority during the plan review process. Include the identification of priority sites in the plan review process SOP.	
	Construction Site Inspections MG - Complete construction site inspections per required frequency. Develop and maintain SOPs for inspections.	
	Construction Enforcement MG - Develop and maintain SOP(s) for enforcement actions. Document non-compliance and enforcement actions on the inspection form.	
	Construction Storm Water Project Inventory MG - Track all CSGP construction sites and activities.	
	Construction Training for Inspection, Plan Review and Enforcement MG - Increase plan reviewer and construction inspector knowledge by receiving annual training.	
	Construction Complaints MG - Reduce sediment loss/migration and prevention of other construction site storm water pollutants from impacting MS4 storm water conveyances. Develop and maintain SOP(s) for complaints.	

TABLE C-14: ANNUAL REPORT FOR TRACKING

REFERENCE	REQUIREMENT	ACTIVITY
4.5 (m)(2)	The number of construction projects owned and/or operated by the MS4 entity that are active at the time of submittal.	
4.5 (m)(3)	The number of construction sites obtaining a MS4 entity-issued storm water run-off permit or authorization to discharge.	
4.5 (m)(4)	The number of construction sites inspected.	
4.5 (m)(5)	The number and type of enforcement actions taken.	
4.5 (m)(6)	The number of public information requests and/or complaints received.	

TABLE C-14: ANNUAL REPORT FOR TRACKING

REFERENCE	REQUIREMENT	ACTIVITY
Post-Construction Storm Water Run-Off		
4.6 (j)(1)	Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific changes made to resolve problems identified. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified.	
	Post-Construction Storm Water Ordinance and Standards MG - Update the ordinance to require the implementation of water quality practices for land disturbances.	
	Post-Construction Plan Review MG - Review construction projects per the ordinance, standards, MS4GP and CSGP. Maintain SOPs for the plan review process.	
	Post-Construction Inspections (MS4-Owned) MG - Follow the Manual for MS4-owned storm water measures. Develop and maintain SOPs for inspections. Complete post-construction inspections for MS4-owned measures per the schedule.	
	Post-Construction Inspections (Privately-Owned) MG - Develop a list of measures and a method to record private O&M Manuals with the property. Develop and maintain SOPs for inspections. Complete post-construction inspections for private measures per the schedule.	
	Post-Construction Training for Inspection, Plan Review and Enforcement MG - Increase plan reviewer and inspector knowledge by receiving annual training.	
4.6 (j)(2)	Updates to the post-construction ordinance or regulatory mechanism.	
4.6 (j)(3)	Number of sites requiring post-construction controls.	
4.6 (j)(4)	Number, type, and location of structural measures installed.	
4.6 (j)(5)	Number, type, and location of structural measures modified to function properly or improve water quality benefits.	
4.6 (j)(6)	Number, type, and location of structural measures inspected to ensure each meets design requirements and/or are being maintained.	

TABLE C-14: ANNUAL REPORT FOR TRACKING

REFERENCE	REQUIREMENT	ACTIVITY
Municipal Operations Good Housekeeping and Pollution Prevention		
4.7 (n)(1)	Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific changes made to resolve problems identified. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified.	
	Inventory of MS4 Facilities MG - Identify MS4 facilities, prioritize pollution generating sites, and maintain the list and map.	
	Storm Water Pollution Prevention Plans MG - Maintain site SWPPPs and update annually.	
	Quarterly Facility Inspections MG - Complete inspections quarterly and maintain with SWPPPs.	
	Annual Facility Assessment MG - Complete assessments annually and maintain with SWPPP.	
	Periodic Litter Collection MG - Collect litter to prevent conveyance contamination and clogging. Develop and maintain SOP.	
	Storm Water Infrastructure Maintenance MG - Reduce the amount of floatables and other pollutants discharged by cleaning and maintaining storm water structures and conveyances. Develop and maintain SOP.	
	Roadside Vegetation, Shoulder & Ditch Stabilization MG - Repair shoulders and ditches to prevent accidents and sedimentation from entering conveyances. Develop and maintain SOP.	
	Remediation of Outfall Scouring MG - Repair outfalls to prevent sedimentation from entering conveyances. Develop and maintain SOP.	
	Disposal of Animal Waste MG - Properly dispose of animal waste.	
	County-Wide Snow and Salt Management MG - Reduce the amount of stored salt exposed through proper management.	
	County Sweeping MG - Not conducted by MS4.	
	Storm Water Practices for Vendors and Contractors MG - Train contractors on MS4 storm water management policies and procedures.	

TABLE C-14: ANNUAL REPORT FOR TRACKING

REFERENCE	REQUIREMENT	ACTIVITY
4.7 (n)(1) (continued)	Flood Control Structures MG - Document that all new MS4-controlled flood management projects are evaluated for water quality impacts.	
	Municipal Operations Training MG - Increase employee awareness of storm water issues by providing annual training.	
4.7 (n)(2)	Number and location of storm water outfalls and conveyance systems that have been repaired.	
4.7 (n)(3)	Estimated amount of material collected from storm water drainage system cleaning including the disposal methods utilized.	
4.7 (n)(4)	Estimated amount of material collected from street sweeping, if applicable, including the disposal methods utilized.	
4.7 (n)(5)	Number and location of de-icing salt and sand storage areas and methods used to minimize storm water exposure.	
Misc.		
5.1 (c)(4)	TMDL Implementation - provide documentation in the annual report of installation and maintenance of storm water management measures and principles that have been implemented.	
8.1 (a)(1)	Relevant sections of the SWQMP that have been modified.	
8.1 (a)(2)	Updates of measurable goals for each minimum control measure (MCM).	
8.1 (a)(3)	Progress towards development, implementation, and enforcement of all MCMs. Report on all items identified in the annual report section associated with each MCM.	
8.1 (a)(4)	Status of ordinance development and/or modification.	
8.1 (a)(5)	New and on-going water quality characterization data.	
8.1 (a)(6)	Updated list of receiving waters.	
8.1 (a)(7)	A description of progress to meet a TMDL WLA or improve water quality in the 303d listed impairments.	
8.1 (a)(8)	Implementation problems encountered, including program changes made to address ineffectiveness or infeasibility.	

TABLE C-14: ANNUAL REPORT FOR TRACKING

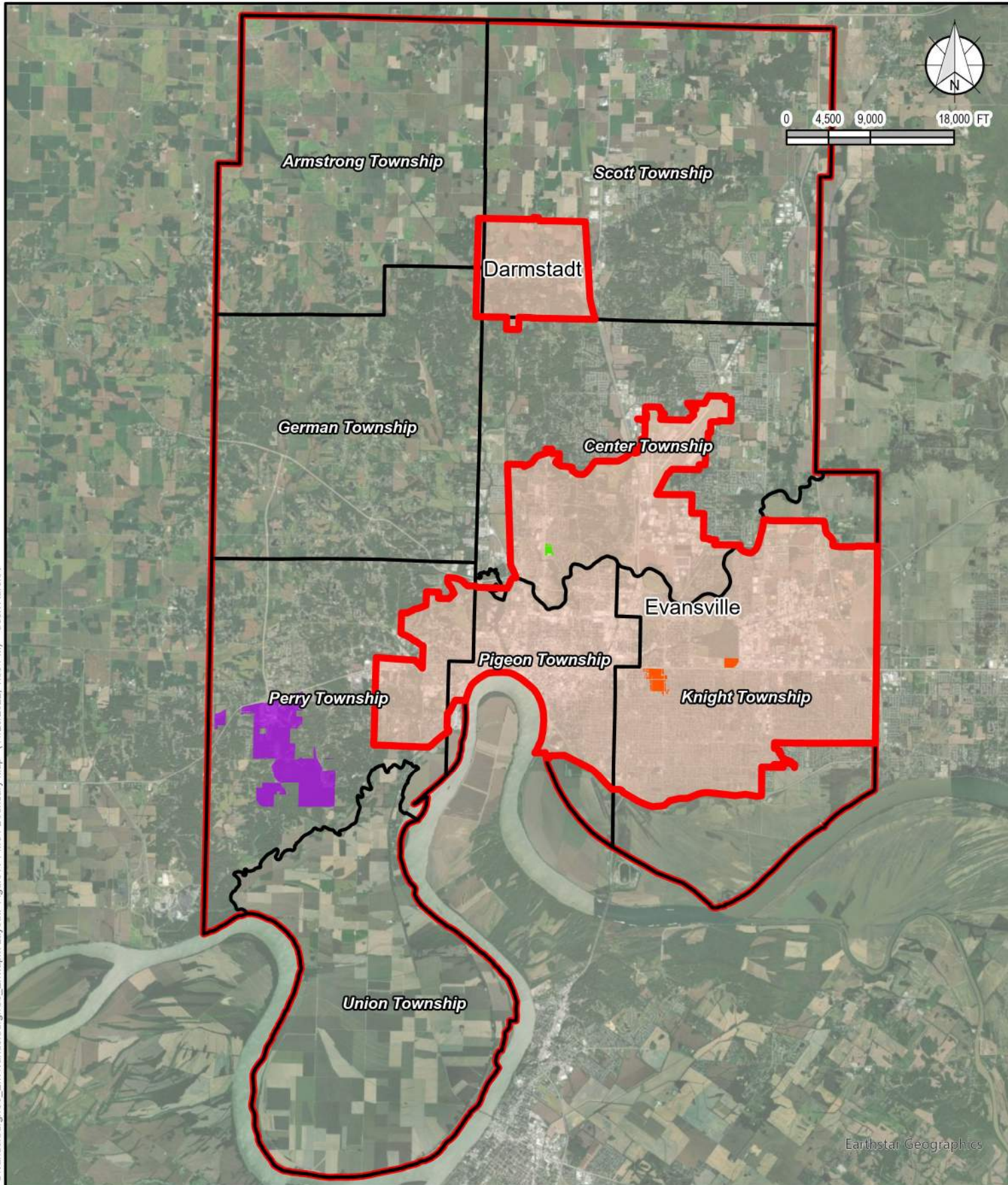
REFERENCE	REQUIREMENT	ACTIVITY
8.1 (a)(9)	New funding sources and expenditures.	
8.1 (a)(10)	MS4 jurisdictional boundaries as required by Section 4.2 (a)(1). Identify land areas removed or added to the jurisdictional area of the MS4.	
8.1 (a)(11)	Storm water system map as required by 4.4 (f)(1) through (4).	
8.1 (a)(12)	A final program assessment, including a comprehensive review of all goals and objectives, program achievements, and areas identified to improve and enhance program effectiveness.	
8.1 (a)(13)	All required elements of the annual report must be completed or use of not applicable must have an explanation.	

APPENDIX D

Program Figures

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Figure D-1	MS4 Boundary Map
Figure D-2	Industrial Facilities Map
Figure D-3	MS4 Facilities Map



Earthstar Geographics

Legend

City of Evansville MS4

MS4 Boundary

University of Southern Indiana MS4

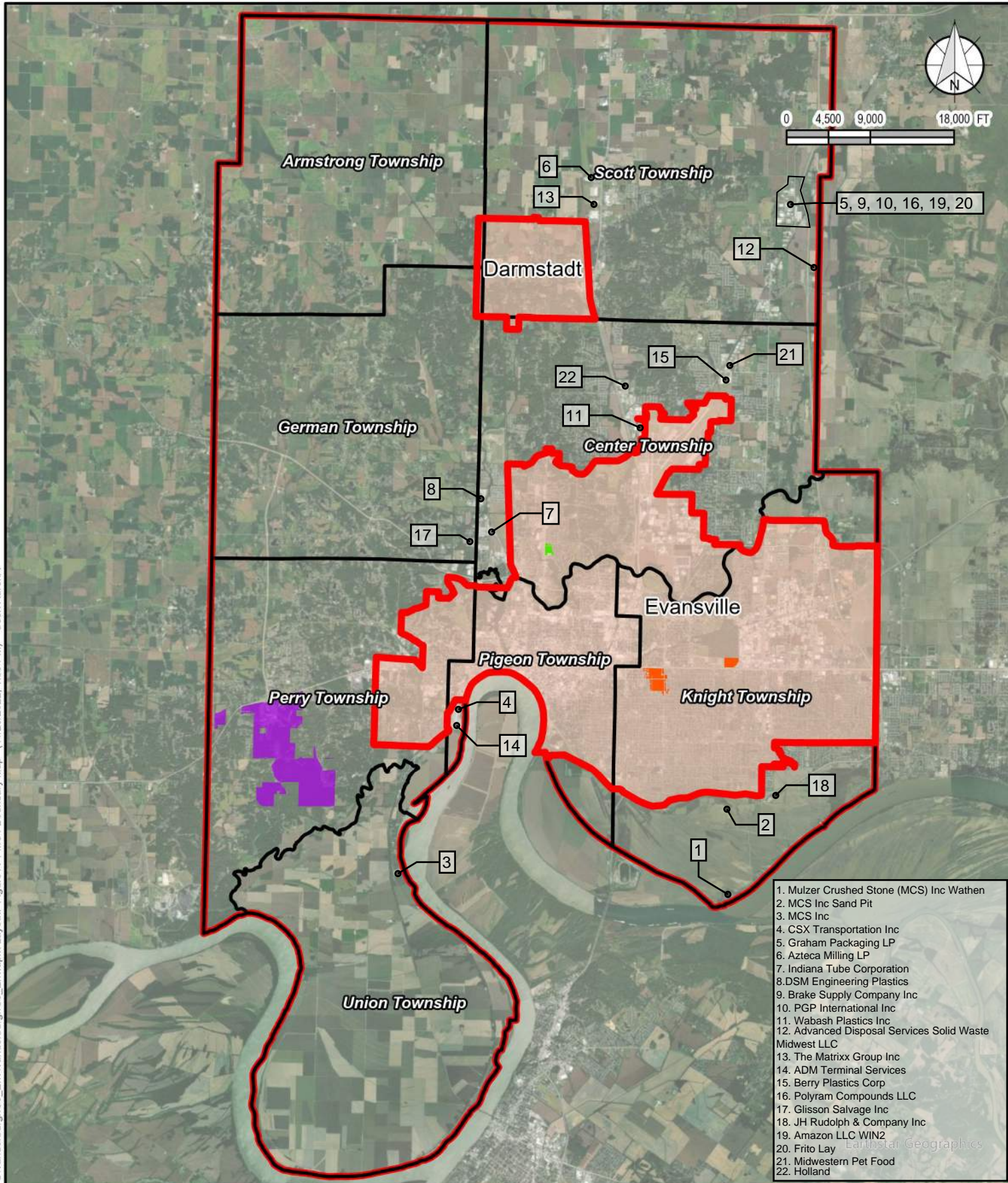
Ivy Tech Southwest MS4

University of Evansville MS4

Townships

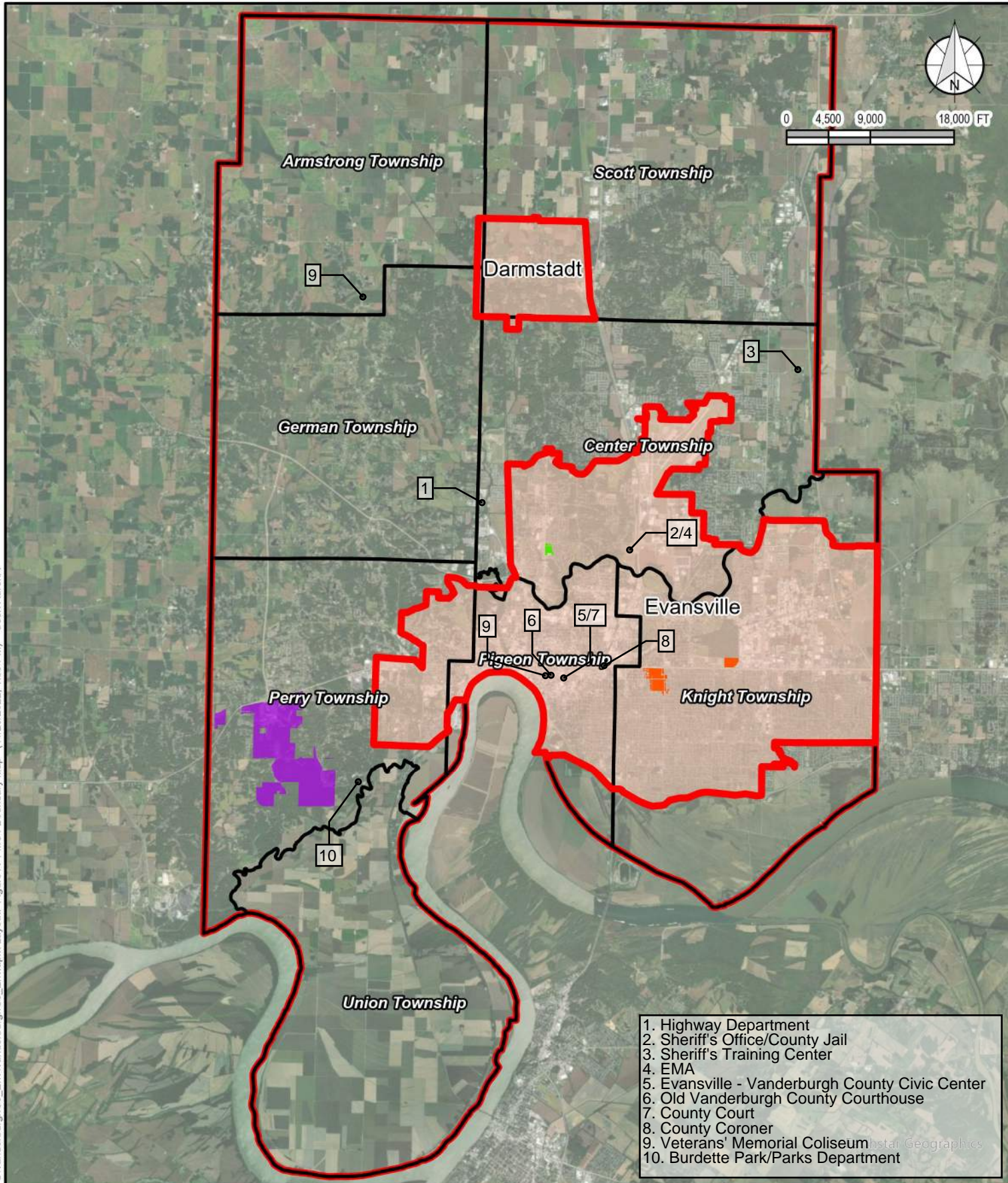
FIGURE D-1
MS4 BOUNDARY MAP

Storm Water Quality Management Plan
Vanderburgh County, Indiana
Project No. 257922
December 2022



**FIGURE D-2
INDUSTRIAL FACILITIES MAP**

Storm Water Quality Management Plan
Vanderburgh County, Indiana
Project No. 257922
December 2022



APPENDIX E

Storm Water Ordinances

APPENDIX F

Program Forms

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Outfall Inspection (Dry & Wet Weather) Form
Storm Water Complaint & Illicit Discharge Form
Structural BMP Inspection Form



Vanderburgh County, Indiana
Stormwater Department
MS4 Program

OUTFALL INSPECTION FORM (DRY & WET WEATHER)

General Information

Outfall # / Location: _____
Temperature: _____ °F (air) Inspection Type: ☐ Scheduled ☐ Complaint
Raining during the inspection? ☐ Yes ☐ No Date of last rain event: _____

Flow Observations

Flow Observed? ☐ Yes ☐ No Approximate depth of flow: _____ inches
Conveyance Type: ☐ Pipe ☐ Channel ☐ Other: _____

Visual Observations

Odor: ☐ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Other: _____
Foam: ☐ Yes ☐ No Possible Source: _____
Oil Sheen: ☐ Yes ☐ No Possible Source: _____
Color: ☐ Clear ☐ Colored Describe: _____
Sphaerotilus natans Bacteria indication? ☐ Dirty grey matting ☐ Grey-ish color ☐ None
Turbidity: ☐ Clear ☐ Cloudy ☐ Opaque ☐ Suspended Solids
Floatables: ☐ None ☐ Garbage ☐ Leaves/Twigs ☐ Other: _____
Deposits/Stains: ☐ None ☐ Sediment ☐ Oil/fuel ☐ Other: _____
Vegetation: ☐ Normal ☐ Excessive Growth ☐ Inhibited Growth ☐ Dead Vegetation
Outfall Condition: ☐ No Issues ☐ Material Cracking ☐ Erosion ☐ Scouring
Describe: _____
If repairs are needed, date notified SW Dept.: _____

Laboratory Analysis: (attach laboratory documentation if a sample was collected) ☐ N/A

Dissolved Oxygen	_____ mg/L	BOD5	_____ mg/L
Total Suspended Solids	_____ mg/L	Oil & Grease	_____ mg/L
Ammonia (as N)	_____ mg/L	pH	_____ mg/L
Water Temperature:	_____ °F	Other:	_____

If needed, describe corrective actions implemented:

Inspected By: _____ Date: _____
Corrective Actions Implemented By: _____ Date: _____



Vanderburgh County, Indiana
Stormwater Department
MS4 Program

STORM WATER COMPLAINT & ILLICIT DISCHARGE FORM

Complaint Received By: _____ Date: _____

Identified Through: ☐ Public Call-In ☐ Public E-Mail ☐ In-Person ☐ Inspection
☐ Other Dept. Identified ☐ General Observation ☐ Other: _____

Name (Resident/Owner): _____

Street Address: _____

Phone: _____ Email (optional): _____

Type of Issue: ☐ Flooding ☐ Erosion ☐ Water Quality ☐ Dumping/Trash ☐ Spill
☐ Construction Site ☐ Other Illicit Discharge ☐ Other: _____

NOTE: Investigate all illegal discharges and dumping to storm system within 2 business days.

Location:

Description of Problem:

Potential or Actual Source (if an illicit discharge):

Potential or Actual Pollutants (if an illicit discharge):

Complaint / Illicit Discharge Referred to:

☐ Stormwater ☐ Highway 1 ☐ Highway 2 ☐ Highway 3 ☐ Parks ☐ SWCD
☐ Surveyor ☐ Sheriff ☐ IDEM ☐ Other: _____

Corrective Actions Taken:

Follow-Up Inspection of Illicit Discharge By: _____ Date: _____

Issue Resolved? ☐ NA ☐ Yes ☐ No If no, who was contacted: _____



STRUCTURAL BMP INSPECTION FORM

Inspector(s): _____

Inspection Date: _____ Time: _____

Weather: _____ Last Rain Event: _____ Amount: _____ inches

Reason for Inspection: ☐ Routine ☐ Flooding ☐ Complaint ☐ Other: _____

Location/Address: _____

Type of Structure: ☐ Pond (Permanent Pool) ☐ Open Channel (Vegetated/Geotextile)
☐ Pond (Dry Pool) ☐ Hydrodynamic Separator/Swirl
☐ Bioretention Basin ☐ Infiltration BMP
☐ Oil/Water Separator ☐ Other: _____

Stormwater Quality Measure Inspection Items:

- A. Debris Clean-Out
1. Contributing areas clean of debris ☐ Yes ☐ No ☐ NA ☐ Maintenance
 2. Inlets and outlets clear of debris ☐ Yes ☐ No ☐ NA ☐ Maintenance
- B. Debris Clean-Out
1. Contributing drainage area stabilized (vegetation) ☐ Yes ☐ No ☐ NA ☐ Maintenance
 2. No evidence of erosion ☐ Yes ☐ No ☐ NA ☐ Maintenance
 3. Area mowed and clippings removed ☐ Yes ☐ No ☐ NA ☐ Maintenance
- C. Debris Clean-Out
1. No evidence of scouring around outfall ☐ Yes ☐ No ☐ NA ☐ Maintenance
 2. Vegetation is healthy and not distressed ☐ Yes ☐ No ☐ NA ☐ Maintenance
 3. No evidence of erosion ☐ Yes ☐ No ☐ NA ☐ Maintenance
- D. Debris Clean-Out
1. No evidence of structural deterioration ☐ Yes ☐ No ☐ NA ☐ Maintenance
 2. Any grates are in good condition ☐ Yes ☐ No ☐ NA ☐ Maintenance
 3. No evidence of chipping or cracking of structural parts ☐ Yes ☐ No ☐ NA ☐ Maintenance
- E. Debris Clean-Out
1. Inlets and outlets clear of sediments ☐ Yes ☐ No ☐ NA ☐ Maintenance
 2. Sediment depth in main structure is below the manufacturer's maintenance limit or designed depth ☐ Yes ☐ No ☐ NA ☐ Maintenance
- F. Overall function of facility
1. No evidence of flow bypassing facility ☐ Yes ☐ No ☐ NA ☐ Maintenance
 2. No noticeable odors outside of facility ☐ Yes ☐ No ☐ NA ☐ Maintenance

Describe any corrective actions:

APPENDIX G

Standard Operating Procedures (To be added as they are completed)

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Dry Weather Screening SOP
IDDE Investigation SOP
Public Reporting SOP

Plan Review SOP
Plan Review for MS4 Projects SOP
Construction Inspection SOP
Construction Enforcement SOP
Post-Construction Structural BMP Inspections SOP

Periodic Litter Collection SOP
Infrastructure Maintenance SOP
Stabilization SOP
Outfall Scouring SOP

APPENDIX H

Annual Report