

# **Municipal Separate Storm Sewer System**

## **Stormwater Management Plan**

**Village of Swanton, Ohio**



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## Table of Contents

Executive Summary .....	1
Legal Authorities to Implement the Stormwater Management Program .....	1
Financial Authorities to Implement the Stormwater Management Program .....	1
Reporting Requirements .....	1
Overview of Swanton MS4 and Swan Creek Watershed Areas .....	2
Program Development and Decision Process .....	3
Stormwater Management Program Minimum Control Measures .....	4
Public Education and Outreach.....	5
Public Participation.....	7
Illicit Discharge Detection and Elimination.....	8
Construction Site Stormwater Runoff Control.....	9
Post-Construction Stormwater Management in New Development and Redevelopment .....	9
Pollution Prevention and Good Housekeeping for Municipal Operations.....	10

## List of Figures

- Figure 1 – MS4 Area Map
- Figure 2 – Street Department Storm Water Pollution Prevention Plan
- Figure 3 – Vehicle Inspection Log
- Figure 4 – Dry Weather Screening Log
- Figure 5 – Storm Water Pollution Prevention Plan Checklist
- Figure 6 – NPDES Permit

## Executive Summary

The Village of Swanton, Ohio is required to submit a stormwater management plan (SWMP) in accordance with 40 CFR Part 122.32 and Ohio Law. The document outlines the Village's program to develop, implement, and enforce a stormwater management program designed to reduce the discharge of pollutants to the maximum extent practicable, to protect water quality, and to satisfy the appropriate requirements of the Clean Water Act (CWA) in accordance with the Ohio EPA Phase II program. The SWMP addresses the six minimum control measures as required by state regulations. The plan also identifies the Village's legal authority to implement the general permit.

This SWMP is being submitted in fulfillment of the requirements of the Ohio EPA General NPDES Permit OHQ000004 for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s). The development of the SWMP is an ongoing process, and the Village expects this SWMP will be updated as the Village gains experience and additional understanding of its MS4.

## Legal Authorities to Implement the Stormwater Management Program

The Village of Swanton has the legal authority to implement the following SWMP under Article XVIII, Section 3 of the Ohio Constitution granting municipalities the authority to adopt land use and control measures for promoting the peace, health, safety, and general welfare of their citizens. The Village's storm sewer ordinances provide the Village with authority to control the quality of separate stormwater discharged to its storm sewer system from both industrial and municipal sources. The Village will have both the fiscal authority and legal resources to fully implement its SWMP.

## Financial Authorities to Implement the Stormwater Management Program

The Village of Swanton operates a Stormwater Utility. The Village will fund the additional activities necessary to implement its SWMP through revenues generated by the Stormwater Utility and through its General Fund. The Village will also likely seek outside funding through grant and loan programs to finance infrastructure improvements and other SWMP activities where appropriate. The Village proposes to evaluate its SWMP on a periodic basis and, if necessary, modify these funding arrangements.

## Reporting Requirements

The Village of Swanton will submit its required report annually to Ohio EPA. The report will include the status of compliance with the permit conditions, an assessment of the appropriateness of the Best Management Practices (BMPs) and

the progress toward achieving the measurable goals of each of the six minimum control measures. A summary of the activities the Village will undertake during the reporting cycle, and any changes to BMPs or measurable goals and all relevant monitoring data obtained during the reporting period, will also be included.

## Overview of Swanton MS4 and Swan Creek Watershed Areas

The Village of Swanton was originally served by a mostly combined sewer system that conveyed both stormwater and sanitary wastes. The Village's combined sewer system has been permitted through the NPDES permit issued to its Water Resource Recovery Facility (WRRF), which also regulated discharges from its combined sewer overflows (CSOs). As part of the Village's Long-Term Control Plan (LTCP) to address its CSO discharges, the Village has committed to separation of its combined sewers into separate storm and sanitary sewers. The Village has now separated a considerable portion of its combined sewers to the point that stormwater drainage in most of the Village is now conveyed by its MS4. A map of the Village's sewer system is included as Figure 1.

The Village's MS4 discharges into two HUC-12 subwatersheds of Swan Creek: Fewless Creek-Swan Creek and Ai Creek. The streams in the Swanton area have the following designated uses:

- Aquatic Life Use: Warmwater Habitat
- Agricultural Water Supply
- Industrial Water Supply
- Public Water Supply (Swanton WTP on Swan Creek at State Route 64)
- Primary Contact Recreation

The Swan Creek watershed has a U.S. EPA-approved Total Maximum Daily Load (TMDL) Report published in 2009 that identified Phosphorus, Nitrates, e. coli, and Total Suspended Solids as being the predominant water quality problems and pollutants in these subwatersheds. The TMDL Report also identified the primary sources of these impairments in these subwatersheds as follows:

- Stream channelization (habitat alteration, sediment)
- Home Sewage Treatment Systems (HSTSs) (nutrients, bacteria)
- Row crops (nutrients, sediment)
- Village of Ai (nutrients, bacteria)

- Swanton WWTP (phosphorus, nitrates)

The TMDL Report also suggests the following restoration activities in these subwatersheds that are applicable to the development of this SWMP:

- Streambank and Riparian Restoration
- Stream Restoration
- Wetland Restoration
- Home Sewage Planning and Implementation
- Education and Outreach
- Agricultural Best Management Practices
- Stormwater Best Management Practices
- Regulatory Point Source Controls

Based on our review of the TMDL, the Village feels that its MS4 has not been identified as being a significant source of pollutants into the Ai Creek and Fewless Creek-Swan Creek subwatersheds. However, The Village will use the recommendations made in the TMDLs for the subwatersheds to help guide the selection of BMPs to control discharges from its MS4.

## Program Development and Decision Process

In developing the SWMP, the Village is using the following basic decision process:

1. Review of the Ohio General Permit Requirements for Small MS4s.
2. Review of the Swan Creek TMDL.
3. Review of current available mapping of the Village's MS4.
4. Review of other municipal facilities discharging stormwater to the MS4.
5. Investigation and review of materials available from other governments, agencies, and non-governmental organizations (NGOs) including:
  - a. U.S. EPA
  - b. Ohio EPA
  - c. Toledo Metropolitan Council of Governments (TMACOG)

- d. Lucas and Fulton County Soil & Water Districts (SWCDs)
  - e. Lucas and Fulton County Health Departments
  - f. Lucas and Fulton County Engineers
  - g. Lucas and Fulton County Sanitary Engineers
  - h. Chagrin River Watershed Partners (CRWP)
6. Initiating discussions with nearby agencies and NGOs on partnering to implement appropriate BMPs, focusing primarily on the following areas:
    - a. Public Education and Outreach
    - b. Public Involvement and Participation
    - c. Illicit Discharge Detection and Elimination
  7. Evaluation and Selection of BMPs.
  8. Setting measurable goals.
  9. Determination of responsible parties for implementing the BMPs.
  10. Review of legal authority to implement BMPs.
  11. Public Meetings to discuss development of the SWMP.
  12. Formal Approval of the SWMP.
  13. Ongoing evaluation and updating of the SWMP.

## **Stormwater Management Program Minimum Control Measures**

The general rationale for selection of BMPs for the Village's SWMP is based on the following considerations:

- The Village of Swanton is a small community located within predominantly agricultural subwatersheds.
- The Swan Creek TMDL identified several pollutants and their apparent sources, but the primary sources within the Village's MS4 appear to be limited at this time to sediment from construction sites and possible bacteria from HSTSs connected to the MS4.

- Other potential sources of pollutants common in populated areas could be bacteria from pet waste, nutrients, and phosphorus from turf fertilization, and solids and floatables from roadway litter or illegal dumping.
- Nutrient, nitrate, and sediment sources from the Village's MS4 appear to be much less than that contributed by other sources in the watershed.

Therefore, the Village will focus its SWMP efforts primarily on construction site sediment controls, HSTs, and household wastes to reduce sediment, nutrients, and bacteria.

## Public Education and Outreach on Storm Water Impacts

Coordination of the Public Education and Outreach Program will be the responsibility of the Village Administrator, the Public Service Department, and the Water Resource Recovery Facility. Existing educational programs already touch on the impacts residents can have on storm water discharge and the plan is to expand on that base.

Target groups for the education program will be homeowners, the construction industry in the Village and the general public.

The delivery mechanisms will include the Village website, the Village newsletter, post cards, and Facebook posts. The mechanisms used for each theme or message will be included on the annual report.

### Themes or Messages

During the Villages permit term, they will choose at least five of the following themes:

1. Proper disposal of yard wastes.
2. Proper disposal of pet wastes.
3. Proper disposal and recycling of household wastes.
4. Storm sewers and storm water catch basins are only for storm water.
5. Education of what can be flushed or poured down drains.
6. Control of runoff from construction activities.
7. Proper application of pesticides and fertilizers.

The following will explain these activities in more detail.

1. Proper disposal of yard wastes

This message will educate homeowners of the proper way to dispose of yard wastes, so the wastes do not end up in streams and storm sewers. It will inform them of Village yard waste pickups and drop-offs. Currently

the Village coordinates a free brush pickup and has leaf collection in the fall.

TMDLs Addressed: Total phosphorus, nitrate plus nitrate and total suspended solids.

2. Proper disposal of pet wastes

This message will inform the public of proper ways to dispose of pet wastes. The Village currently offers pooper scooper bags at the local parks.

TMDLs Addressed: Total phosphorus, nitrate plus nitrate, and bacteria.

3. Proper disposal and recycling of household wastes

This message will inform the public of the safe disposal and recycling of household wastes, appliances, paint, electronic waste, paper and commingled recyclables. The Village currently offers a bulk drop off day in the spring and the fall.

TMDLs Addressed: Total solids.

4. Storm sewers and storm water catch basins are only for storm water

This message will attempt to inform the public that storm sewers are only for storm water runoff. It will address illicit discharges and provide citizens with information for proper disposal of items that could end up in storm sewers.

TMDLs Addressed: Total phosphorus, nitrate plus nitrate and bacteria.

5. Education of what can be flushed or poured down the drains

This message will attempt to inform residents and the general public what should not be poured down the drain. It will address the number of sewer backups each year due to clogged pipes due to improper disposal of household waste.

TMDLs Addressed: Bacteria and total solids.

6. Control of runoff from construction activities

This message will educate the construction industry about local and state regulations that are required to meet storm water regulations. It will also offer information on management practices that prevent construction site runoff from entering storm sewers and surface waters.



TMDLs Addressed: Total suspended solids

7. Proper application of pesticides and fertilizers

This message will educate homeowners and the general public on the proper use of pesticides and fertilizers as well as offer alternatives to chemical pesticides and fertilizers.

TMDLs Addressed: Total phosphorus and nitrate plus nitrate

The Village will implement at least five of the listed themes and messages and monitor their success. The program will be modified as needed to ensure it's effectiveness. The Village will also utilize new opportunities to educate the community of storm water issues if any become available.

## **Public Involvement/ Participation**

During this permit cycle, the Village will offer a minimum of five public involvement activities. These activities may include but are not limited to:

1. Annual Meeting to discuss the SWMP – This event will be coordinated by the Village Administrator and will be open to all Village residents. Discussion will include the progress the Village is making on controlling pollutants and solicit comments from the public. Participation will be measured by attendance records. Minutes of the meeting will be submitted with the annual report.
2. Curbside Fall Leaf Collection – Currently being held in the fall. The event is coordinated by the Village Administrator and the Public Service Department. The residents are notified by the Village Newsletter and posts on the Village Facebook page. The residents are instructed to place leaves out of the street where they could be washed into the storm drains. Lammon Brothers will then collect the leaves which takes approximately 4 weeks, Involvement will be measured by the amount of leaves collected and disposed of by Lammon Brothers.
3. Community Clean Up – Currently being held in the spring. The event is coordinated by the Village Administrator. Residents are invited down to Memorial Park where the goal is to clean the park of sticks, leaves, and other items before spring recreation sports begin. Residents are notified through the Village newsletter, and postings on the Village webpage and Facebook page Participation will be measured in attendance and the amount of yard waste and litter that is collected.
4. Bulk Drop Off Day – This event is currently being held in the spring and the fall. Residents are encouraged to drop off waste at the Public Service Division. The types of wastes accepted are household hazardous waste,

E-Waste, paper waste, and paint waste. Residents are notified through the Village newsletter, and postings on the Village webpage and Facebook page. Participation will be measured by the number of residents that participate and the amount of waste that is collected.

5. Clean Your Streams Program – Participating in a “Clean Your Streams” program in which Village residents can participate in helping clean up Ai and Swan Creeks and their tributaries within the Village. The Village will record the number of participants and the amount of trash collected.
6. Storm Drain Stenciling – Citizens will be invited to participate in stenciling of storm drains. The number of participants will be recorded.

## Illicit Discharge Detection and Elimination

The Village’s existing ordinances already prohibit the discharge of polluted waters into its storm sewer system.

The Village has developed a map of its MS4. This map identifies all storm sewer outfalls with a unique identifier to be used in the field screening program. The map will be updated annually. This map can be found in the Appendix.

The Village has identified the HSTS that are in their jurisdiction. The documented HSTS are kept as the WRRF and the document will be updated as more HSTS are found. The Village will monitor and map HSTS that are discovered to discharge into the MS4.

The following procedure is used for identifying and correcting illicit discharges:

1. Village personnel or designee visit all outfalls during dry weather (at least 72 hours after the last rainfall of 0.10 inches or more) to observe which are flowing.
2. For any flowing outfalls, personnel record any odorous or visual observations.
3. Personnel visit these “suspect” outfalls and perform field tests to determine if sampling is warranted.
4. Outfalls suspected of violation are placed on a list for further investigation and elimination.
5. Where the collection source is open ditches, personnel should visually track the flow back to the source.
6. Where collection system is piped, personnel should use tracing dye or closed-circuit television camera to search for connections that are contributing to flow.
7. Where discharges are traced back to a corporate boundary line, the upstream community is notified about findings.
8. Illicit dischargers within the community are sent notices ordering corrective action to remove the source of the discharge.

The observations from each dry weather screening will be recorded. A sample of the Dry Weather Screening Log is found in the Appendix.

The Village will provide annual training to employees which includes illicit discharge detection and elimination topics.

## **Construction Site Storm Water Runoff Control**

Construction disturbing over 1 acre must meet certain requirements and develop a Stormwater Pollution Prevention Plan (SWPPP) to mitigate sediment and other stormwater pollutants that can come from improperly managed construction projects.

The Village has adopted TMACOGs SWPPP submission requirements. The goal is to simplify the site plan review process while satisfying Ohio EPA's Construction General Permit #OHC000005 requirements. This process and the required documentation list below have been adopted by many jurisdictions in Northwest Ohio.

- Stormwater Pollution Prevention Plan (SWPPP) Submittal Cover Sheet and SWPPP Contact List
- Contractor Contact Sheet and Certification Form for each contractor.
- One copy of completed SWPPP (plan sheets, documents, forms, etc).
- One copy of completed Ohio EPA SWPPP Checklist.
- One copy of storm drainage, sediment settling pond, and post-construction stormwater quality calculations.
- One copy of BMP maintenance agreement with long-term maintenance plan.
- Digital copy (PDF) of all items submitted.

The Village will document the number of plans reviewed, inspections, violations, and enforcements taken annually.

The Village will provide training for SWPPP reviewers and inspectors to ensure that the SWPPP is being followed.

Development of these programs will be the responsibility of the village administrator.

## **Post-Construction Storm Water Management in New Development and Redevelopment**

The Village requires detention ponds and SWMPs for new developments within the Village through ordinances. These measures help reduce the peak flow rates, sediment, and pollutants being discharged into the streams, and help control flooding. Controlling flow rates can also help mitigate stream channel erosion.

A review of the SWPPP will be conducted prior to all construction activity for sites greater than 1 acre. A record of the will be kept of all submitted SWPPP as well as long term operation and maintenance plan.

A program will be developed for the inspection of post-construction sites. This will be the responsibility of the Public Service Department. Sites will be inspected after construction is completed to ensure all control measures were properly constructed. Follow-up inspections will take place to ensure the submitted Operations and Maintenance plan is being followed.

The Village will hold a public meeting with developers to educate the about the post-construction requirements.

The Village will include at least one of the performance standards from NPDES Permit No. OHQ000004 Part III.B.5.f.b through e.

## **Pollution Prevention/ Good Housekeeping for Municipal Operations**

The Village developed and will follow a maintenance program requiring all Village owned vehicles be regularly inspected to minimize oil and fluid leaks, and that used fluids are properly recycled or disposed of. The Village will document maintenance activities and the volume of fluids recycled and disposed of. A sample of the maintenance log can be found in the Appendix.

The Village will continue to perform street sweeping in high-traffic areas at least once every 3 months or as needed. The Village will document the lane-miles swept.

The Village will continue to evaluate its road salting program to ensure that de-icing salt and chemicals are used and stored efficiently to reduce their runoff into streams. The Village will document the total length of lane-miles treated and the amount of de-icing salt and chemicals used each winter.

The Village will continue separation of its combined sewers according to its LTCP.

The following procedure will be used for illegal dumping and spills:

1. Action will be initiated when a spill or dumping is reported to the community staff.
2. Hazardous materials are referred to the Fire Department for clean-up in conjunction with the procedures and guidelines in the Ohio EPA's Emergency Response Program.
3. Other spills and small-scale dumping are referred to the Public Service Department for clean-up.

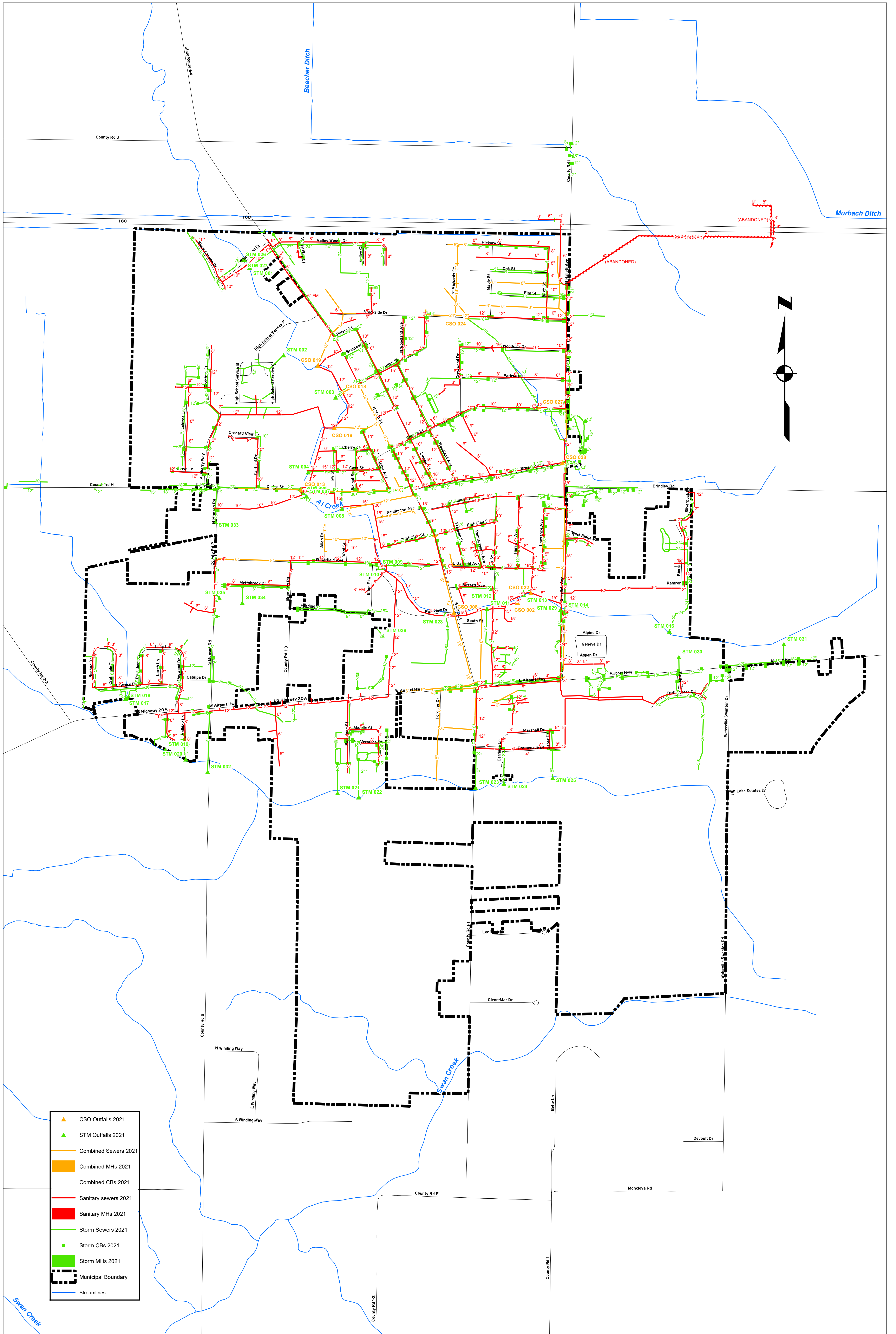
4. The offending party receives educational material on the impacts of spills and illegal dumping to stream and wetland habitat. Repeat offenders are referred to the Police Department for investigation and possible citation.
5. Large-scale spills and illegal dumping are reported to Ohio EPA and the Police Department for investigation and possible citation. The Village follows the guidelines and procedures outlined in Ohio EPA's Emergency Response Program.

The Village has developed a SWPPP plan for their Maintenance facility. Attached in the Appendix is the Site Plan and Operations and Maintenance manual that will be followed in everyday practices.

The Public Service Department, Water Resource Recovery Facility, and the Village Administrator will be responsible for developing these programs.

## **APPENDIX**

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- ▲ CSO Outfalls 2021
- ▲ STM Outfalls 2021
- Combined Sewers 2021
- Combined MHs 2021
- Combined CBs 2021
- Sanitary sewers 2021
- Sanitary MHs 2021
- Storm Sewers 2021
- Storm CBs 2021
- Storm MHs 2021
- - - Municipal Boundary
- Streamlines

0 600 1,200 1,800 Feet

Swanton, Ohio - MS4 Area








FIGURE 1  
March 17, 2022

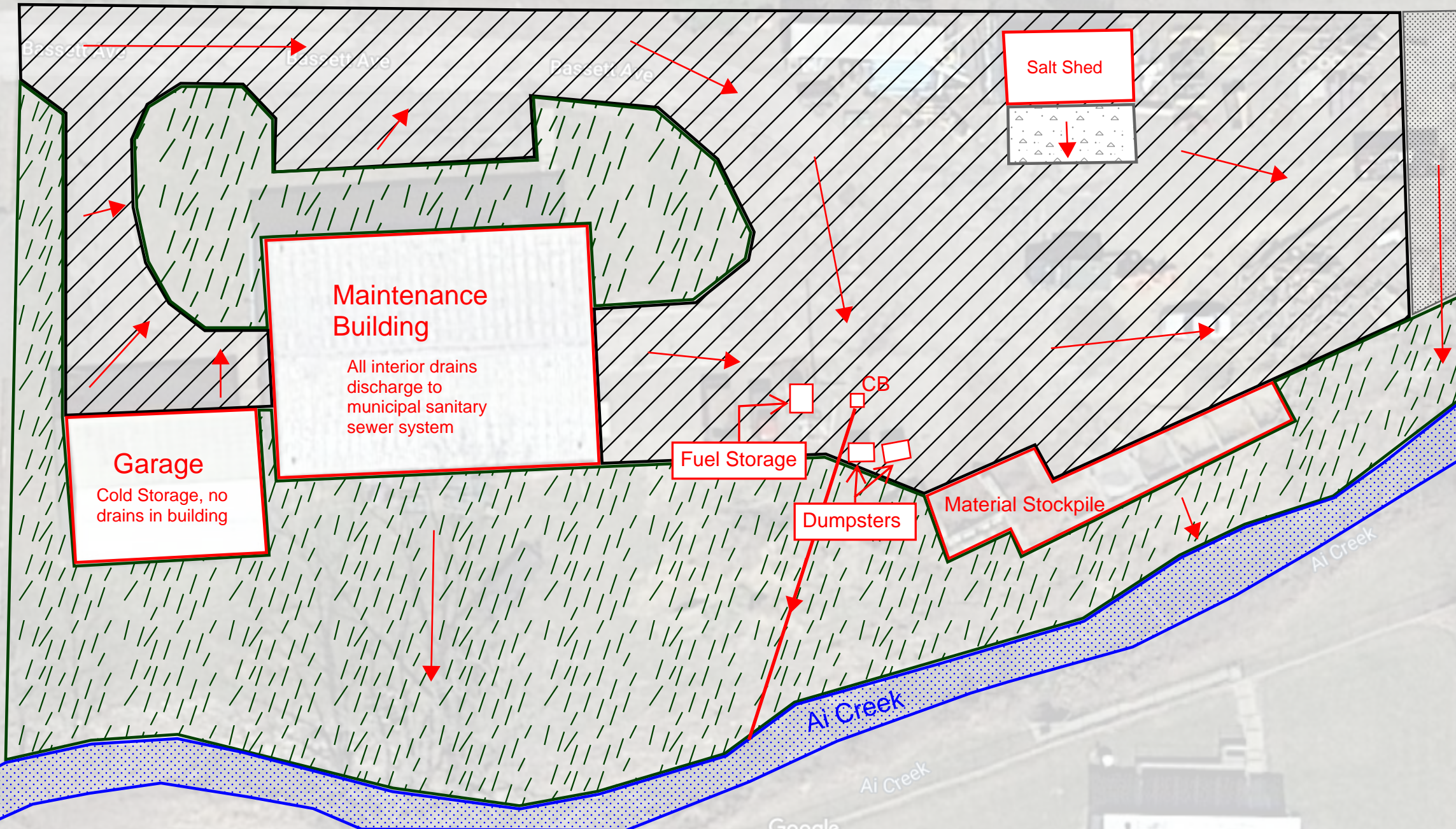


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# Swanton Maintenance Facility SWPPP

## Legend

-  Permanent Structure
-  Gravel Lot
-  Asphalt Pavement
-  Concrete Pavement
-  Established Vegetation
-  Ai Creek
-  Flow Path



- Salt Shed**
  - Keep doors closed
  - Pad shall be swept and free from salt
- Fuel Storage**
  - Check for leaks in tank and monitor condition of tank
- Dumpsters**
  - Lids shall remain closed
  - Inspect integrity of dumpsters
- Material Stockpile**
  - Keep topsoil covered to avoid runoff into creek or storm drains
- Laydown Yard**
  - Inspect equipment and attachments for leaks
- Catch Basin**
  - Keep catch basin free from debris
  - Keep pavement swept around catch basin to avoid solids running into creek



### Vehicle Inspection

Equipment Inspection:

Year:

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Oil												
Radiator												
Battery												
Tires												
Horn												
Air Filter												
Lights												
Wipers												
Steering												
Brakes												
Mileage/Hours												
Inspected By												
Date												

Fluids Added :

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Problems

Noted :

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# Appendix B: Sample Inspection Report

## Instructions

This sample inspection report has been developed as a helpful tool to aid you in completing your site inspections. This sample inspection report was created consistent with EPA's Developing Your Stormwater Pollution Prevention Plan. You can find both the guide and the sample inspection report (formatted in Microsoft Word) at [www.epa.gov/npdes/swpppguide](http://www.epa.gov/npdes/swpppguide)

This inspection report is provided in Microsoft Word format to allow you to easily customize it for your use and the conditions at your site. You should also customize this form to help you meet the requirements in your construction general permit related to inspections. **If your permitting authority provides you with an inspection report, please use that form.**

For more information on inspections, please see Developing Your Stormwater Pollution Plan Chapters 6 and 8.

### Using the Inspection Report

This inspection report is designed to be customized according to the BMPs and conditions at your site. For ease of use, you should take a copy of your site plan and number all of the stormwater BMPs and areas of your site that will be inspected. A brief description of the BMP or area should then be listed in the site-specific section of the inspection report. For example, specific structural BMPs such as construction site entrances, sediment ponds, or specific areas with silt fence (e.g., silt fence along Main Street; silt fence along slope in NW corner, etc.) should be numbered and listed. You should also number specific non-structural BMPs or areas that will be inspected (such as trash areas, material storage areas, temporary sanitary waste areas, etc).

You can complete the items in the "General Information" section that will remain constant, such as the project name, NPDES tracking number, and inspector (if you only use one inspector). Print out multiple copies of this customized inspection report to use during your inspections.

When conducting the inspection, walk the site by following your site map and numbered BMPs/areas for inspection. Also note whether the overall site issues have been addressed (customize this list according to the conditions at your site). Note any required corrective actions and the date and responsible person for the correction in the Corrective Action Log.

## Stormwater Construction Site Inspection Report

General Information			
Project Name			
NPDES Tracking No.		Location	
Date of Inspection		Start/End Time	
Inspector's Name(s)			
Inspector's Title(s)			
Inspector's Contact Information			
Inspector's Qualifications	Insert qualifications or add reference to the SWPPP. (See Section 5 of the SWPPP Template)		
Describe present phase of construction			
<b>Type of Inspection:</b> <input type="checkbox"/> Regular <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input type="checkbox"/> Post-storm event			
Weather Information			
<b>Has there been a storm event since the last inspection?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>If yes, provide:</b> Storm Start Date & Time:                      Storm Duration (hrs):                      Approximate Amount of Precipitation (in):			
<b>Weather at time of this inspection?</b> <input type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snowing <input type="checkbox"/> High Winds <input type="checkbox"/> Other:    Temperature:			
<b>Have any discharges occurred since the last inspection?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>If yes, describe:</b>			
<b>Are there any discharges at the time of inspection?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>If yes, describe:</b>			

### Site-specific BMPs

- Number the structural and non-structural BMPs identified in your SWPPP on your site map and list them below (add as many BMPs as necessary). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required BMPs at your site.
- Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

	BMP	BMP Installed?	BMP Maintenance Required?	Corrective Action Needed and Notes
1		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
4		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
5		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
7		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
8		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
9		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
10		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
11		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	

	BMP	BMP Installed?	BMP Maintenance Required?	Corrective Action Needed and Notes
12		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
13		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
14		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
15		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
16		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
17		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
18		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
19		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
20		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	

**Overall Site Issues**

*Below are some general site issues that should be assessed during inspections. Customize this list as needed for conditions at your site.*

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
4	Are discharge points and receiving waters free of any sediment deposits?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
5	Are storm drain inlets properly protected?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6	Is the construction exit preventing sediment from being tracked into the street?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
7	Is trash/litter from work areas collected and placed in covered dumpsters?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	

	<b>BMP/activity</b>	<b>Implemented?</b>	<b>Maintenance Required?</b>	<b>Corrective Action Needed and Notes</b>
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
10	Are materials that are potential stormwater contaminants stored inside or under cover?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
12	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	

**Non-Compliance**

Describe any incidents of non-compliance not described above:

**CERTIFICATION STATEMENT**

“I 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 gathered and evaluated 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.”

**Print name and title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## STORMWATER POLLUTION PREVENTION PLAN (SWP3) REVIEW SUBMITTAL COVERSHEET (MUST BE INCLUDED WITH ALL SWP3 SUBMITTALS)

Site Information			
<b>Project Name:</b>			
<b>Project Location (Address or Parcel Number):</b>			
Is this project part of a larger common plan of development or sale?		YES	NO
If yes, how many additional acres of earth disturbance are outside the boundaries of this project?			acres
<b>Type</b>	RESIDENTIAL SUBDIVISION	PRIVATE CONDOMINIUM OR MULTI-FAMILY	PUBLIC IMPROVEMENT
INDUSTRIAL OR COMMERCIAL SITE		OTHER (describe)	
Project Owner/Site Developer			
<b>Owner Name:</b>			
<b>SWP3 Designer:</b>		Phone	Ext
Company	Email	Cell	
Submitted By			
<b>OWNER</b>	<b>DESIGNER</b>	<b>OTHER (describe)</b>	
Name (if other):		Phone	Ext
Company	Email	Cell	
Notice of Intent (NOI) Acreage Calculations:			
<b>A – PROJECT EARTH DISTURBING ACTIVITIES</b> (area disturbed within project limits)		Area A (acres):	
<b>B – CONTRACTOR EARTH DISTURBING ACTIVITIES</b> (on-site or off-site, staging areas, field offices, batch plants, and borrow/waste pits)		Area B (acres):	
<b>A+B – TOTAL EARTH DISTURBING ACTIVITIES</b>		Area A+B (acres):	
Construction site first points of contact			
<b>Qualified Inspection Personnel:</b>		Phone	Ext
Company	Email	Cell	
<b>Site Superintendent</b>		Phone	Ext
Company	Email	Cell	
<b>Emergency Contact</b> (If different from above)		Phone	Ext
Company	Email	Cell	
1 - Required submittal items. Incomplete submittals will not be reviewed. (check N/A if not applicable to your site)			
Submitted	SWP3		
Submitted	N/A	CONSTRUCTION PLAN	
Submitted		COMPLETED OHIO EPA STORMWATER POLLUTION PREVENTION PLAN CHECKLIST	
Submitted	N/A	STORM DRAINAGE MAP	
Submitted	N/A	WATER QUALITY AND QUANTITY CALCULATIONS	
Submitted	N/A	SEDIMENT SETTLING POND CALCULATION	
Submitted	N/A	DRAFT OF LONG-TERM MAINTENANCE PLAN	
2 - After review, the following are needed prior to beginning construction activities:			
Submitted	N/A	COMPLETED SWP3 "CONTRACTOR CONTACT SHEET" FOR ALL PHASES OF CONSTRUCTION (Excavation contractor, Builder, Developer, Etc.)	
Submitted	N/A	NOTICE OF INTENT APPROVAL FROM OHIO EPA	
Submitted	N/A	SIGNED AGREEMENT FOR PREVIOUSLY ACCEPTED LONG-TERM MAINTENANCE PLAN	
3 - Submit prior to receiving MS4 approval to file the notice of termination:			
Submitted	N/A	PROPRIETARY DEVICE SHOP DRAWING AND PROPRIETARY AS-BUILT SIGNOFF FROM MANUFACTURER	
Submitted	N/A	AS-BUILT MEASUREMENTS INCORPORATED INTO LONG-TERM MAINTENANCE PLAN	
Submitted	N/A	RECORDED LONG-TERM MAINTENANCE AGREEMENT	

**Modified 8/2021**

This form is a common requirement of TMACOG's Stormwater Coalition member jurisdictions in Lucas, Wood, and Ottawa Counties. Check with each local reviewing agency for specific site plan submittal requirements.

## CONTRACTOR CONTACT SHEET

EACH OF THE CONTRACTORS INVOLVED WITH EARTH DISTURBING ACTIVITIES, MUST COMPLETE AND SIGN THIS FORM.

### PROJECT NAME

(select one)

**GENERAL CONTRACTOR**

**SUBCONTRACTOR**

Name

Company

Phone

Ext

Cell

Email address

Address

City

State

ZIP

### CONTRACTOR RESPONSIBILITY (select all that apply)

EARTHWORK

UNDERGROUND UTILITIES

ELECTRICAL

SITE CONCRETE

BUILDING CONCRETE

LANDSCAPING

PAVING

MASONRY

EROSION CONTROL INSTALLATION

OTHER (please describe)

### CERTIFICATION

As a contractor, you are required to comply with the Stormwater Pollution Prevention Plan (SWP3) for any work that you perform on-site. Any person or group who violates any condition of the SWP3 may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWP3. A copy of the SWP3 is available for your review on site. Each contractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

***I certify under the penalty of law that I have read and understand the terms and conditions of the SWP3 for the above designated project and agree to follow the practices described in the SWP3.***

Signature

Date

**Modified 8/2021**





# Construction General Permit OHC000005 Storm Water Pollution Prevention Plan Checklist

State of Ohio Environmental Protection Agency  
Division of Surface Water

<b>Facility Name:</b>	<b>Date Received:</b>
<b>SWP3 Reviewer:</b>	<b>Date Reviewed:</b>

<b>Part III.G.1 - Site Description</b>				
<b>Does the SWP3 describe, show or include:</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(a) the nature and type of construction activity (e.g., low density residential, shopping mall, highway, etc.)?				
(b) the area of the site to be disturbed				
(c) the impervious area and percent imperviousness created by the construction activity?				
(d) storm water calculations, (pre and post-construction volumetric runoff coefficients and resulting water quality volume; design details for post-construction storm water facilities and pretreatment practices (e.g. drainage areas, capacities, elevations, outlet details and drain times) and if applicable, explanation of the use of existing post-construction facilities?				
(e) any existing data describing the soil?				
any information on the quality of the storm water discharge from the construction site?				
(f) any information about prior land uses at the site (e.g., was the property used to manage solid or hazardous waste)?				
(g) a description of the condition of on-site streams (e.g. prior channelization, bed instability or headcuts, channels on public maintenance, or natural channels)?				
(h) an implementation schedule which describes the sequence of major construction operations (i.e., grubbing, excavating, grading, utilities infrastructure installation and others) and the implementation of erosion, sediment and storm water management practices or facilities to be employed during each operation of the sequence?				
(i) the name(s) or location(s) of the initial and subsequent surface water bodies receiving the storm water discharge?				
the areal extent and description of the wetland or other special aquatic sites which will be disturbed and/or will receive the storm water discharges?				
(j) a detail drawing of a typical individual lot showing sediment and erosion controls or storm water control practices? (This does not remove responsibility to designate control practices in a SWP3 for critical areas such as steep slopes, stream banks, drainage ways & riparian zones.)				
(k) the location and description of storm water discharges associated with dedicated asphalt and/or concrete batch plants covered by the NPDES construction storm water general permit?				
(l) a cover page identifying the name and location of the site, the name and contact information for site operators and SWP3 authorization agents as well as preparation date, start date, and completion date?				
(m) a log documenting grading & stabilization activity as well as SWP3 amendments that occur after construction commencement?				

OHC000005 – SWP3 Checklist

<b>Part III.G.1.n - Site Map Requirements</b>				
<b>Does the SWP3 site map show:</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(i) limits of earth-disturbing activity of the site including associated off-site borrow or spoil areas that are not addressed by a separate NOI and associated SWP3?				
(ii) soils types depicted for all areas of the site, including locations of unstable, highly erodible and/or known contaminated soils?				
(iii) existing and proposed contours to delineate drainage watersheds expected during and after major grading activities as well as the size of each drainage watershed, in acres?				
(iv) location of any delineated boundary for required riparian setbacks?				
(v) conservation easements for areas designated as open space, preserved vegetation or otherwise protected from earth disturbing activities with a description of any associated temporary or permanent fencing or signage?				
(vi) surface water locations including springs, wetlands, streams, lakes, water wells, etc., on or within 200 feet of the site, including the boundaries of wetlands or stream channels and first subsequent named receiving water(s) the permittee intends to fill or relocate for which the permittee is seeking approval from the Army Corps of Engineers and/or Ohio EPA?				
(vii) the location of existing and planned buildings, roads, parking facilities, and utilities?				
(viii) include the location of all erosion and sediment control practices, including the location of areas likely to require temporary stabilization during site development?				
(ix) location of sediment traps and basins noting their sediment storage volume and dewatering (detention) volume and contributing drainage area?				
(x) location of permanent storm water management practices (new & existing) as well as pretreatment practices to be used to control pollutants in storm water after construction operations have been completed along with the location of existing and planned drainage features (e.g. catch basins, culverts, ditches, swales, surface inlets and outlet structures)?				
(xi) areas designated for the storage or disposal of solid, sanitary, and toxic wastes (including dumpster areas), areas designated for cement truck washout, and areas for vehicle fueling?				
(xii) location of designated construction entrances where the vehicles will access the construction site?				
(xiii) location of any areas of proposed floodplain fill, floodplain excavation, stream restoration or known temporary or permanent stream crossings?				

<b>Part III.G.2 - Sediment &amp; Erosion Controls</b>				
<b>(a) Preservation Methods</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) Has every effort been made to preserve the natural riparian setback adjacent to streams or other surface water bodies? (E.g. preserving existing vegetation, vegetative buffer strips, and existing soil profile and topsoil; and designating tree preservation areas or other protective clearing or grubbing practices.				

OHC000005 – SWP3 Checklist

(2) Have efforts been made to phase in construction activities to minimize the amount of land disturbance at one time?				
(3) Will any portions of the site be left undisturbed (e.g., tree preservation areas)?				
<b>(b) Erosion Control Practices</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) Does the SWP3 include erosion controls to provide cover over disturbed soils?				
(2) Does the SWP3 describe the control practices used to re-establish suitable cover (e.g. vegetation) on disturbed areas after grading?				
(3) Does the SWP3 specify the types of stabilization measures to be employed for any time of the year?				
<b>(b)(i) &amp; Part II.B (Table 2): Temporary Stabilization</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
For disturbed areas within 50 feet of a stream remaining dormant for over 14 days, will temporary erosion controls be applied within 2 days?				
For disturbed areas over 50 feet away from a stream remaining dormant for over 14 days, will temporary erosion controls be applied within 7 days?				
For disturbed areas that will be left idle over winter, will temporary erosion controls be applied prior to onset of winter weather?				
<b>(b)(i) &amp; Part II.B (Table 1): Permanent Stabilization</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
For disturbed areas within 50 feet of a stream at final grade, will permanent erosion controls be applied within 2 days of reaching final grade?				
For disturbed areas remaining dormant for over 1 year or at final grade, will permanent erosion controls be applied within 7 days of the most recent disturbance?				
<b>(b)(ii) Permanent Stabilization of Conveyance Channels</b>				
Will operators undertake special measures to stabilize channels and outfalls and prevent erosive flows?				
<b>(c) Runoff Control Practices - Does the SWP3 incorporate</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) measures to reduce flow rates on disturbed areas (e.g., riprap, rock check dams, & pipe slope drains)?				
(2) measures to divert runoff from disturbed areas and steep slopes?				
<b>(d) Sediment Control Practices</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) Will sediment control devices be implemented for all areas remaining disturbed for over 14 days?				
(2) Are detail drawings of the sediment controls to be used included in the SWP3?				
<b>(d)(i) Timing of Installing Sediment Controls.</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
Does the SWP3 specify that sediment controls will be implemented prior to grading and within 7 days of grubbing?				
Does the SWP3 require additional sediment controls or modifications for changing slopes and topography?				
<b>(d)(ii) Sediment Settling Ponds</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
Does the SWP3 include the use of a sediment settling pond? <i>NOTE: This is required for areas with concentrated runoff or when the capacity of sediment barriers or inlet protection has been exceeded.</i>				
Are alternatives proposed in lieu of a required settling pond? These must be equivalent to a sediment settling pond effectiveness.				
Is the dewatering volume appropriately sized (67 yd <sup>3</sup> or 1800 ft <sup>3</sup> per acre of drainage area)?				

OHC000005 – SWP3 Checklist

Is the depth of the dewatering volume for each sediment settling pond $\leq 5$ feet?				
Will the dewatering volume drain in 48 hours to 72 hours?				
Is a skimmer specified in the SWP3?				
Has a sediment storage zone volume been provided ( $\geq 1000$ ft <sup>3</sup> per disturbed acre or based on RUSLE calculations)?				
Is the length to width ratio of the settling pond $\geq 2:1$ ? <i>NOTE: Greater distances from storm water inlet of the pond to the outlet increase effectiveness of sediment settlement.</i>				
Is clean-out of the sediment storage zone specified in the SWP3? (E.g. when sediment occupies 50 percent of the sediment storage zone and prior to conversion to a post-construction BMP.)				
Have public safety concerns been considered in pond design and alternative sediment controls?				
<b>(d)(iii) Sediment Barriers &amp; Diversions</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
Are sediment barriers or diversions used to intercept sheet flow? <i>NOTE: Sediment barriers are suitable for sheet flow and not for concentrated storm water flow.</i>				
Are alternative sediment barriers, used in lieu of silt fence, at least 12-inches in diameter?				
Are diversions used to keep runoff away from steep slopes or concentrated flow?				
Do sediment barriers meet the maximum drainage area limits of table 3 or the Rainwater and Land Development manual?				

<b>(d)(iv) Inlet Protection</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
Do drain inlets and curb inlets drain into a sediment settling pond?				
Inlets not connected to a sediment settling pond are limited to runoff from $\leq$ one acres?				
Does inlet protection meet acceptable standards?				
<b>(d)(v) Stream Protection</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
No structural sediment controls are proposed for use in streams.				
Have efforts been made to limit construction disturbance or activities on stream banks, and the width or number of stream crossings? <i>NOTE: If work along a stream bank is necessary, a non-erodible pad or non-erodible stream diversion dams (sand bags) must be installed. If stream crossings are necessary, a non-erodible stream crossing must be installed.</i>				

<b>Part III.G.2.e – Post-Construction Storm Water Management</b>				
	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
Does the SWP3 include the installation of a structural post-construction BMP. <i>NOTE: Projects that do not significantly grade or impact pervious areas or install impervious surface such as park lands do not require the installation of post-construction BMPs.</i>				
Is the construction activity a linear project (e.g., pipeline or utility line installation) that does not result in the installation of additional impervious surface? <i>NOTE: If yes, then the installation of structural post-construction BMPs is not required.</i>				
<b>Maintenance Plans</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
Has a long-term maintenance plan been developed or included in the SWP3 for maintenance of the structural post-construction BMP?				

OHC000005 – SWP3 Checklist

<i>NOTE: The long-term maintenance plan must be developed and provided to the post-construction site operator.</i>				
<b>Does the long-term maintenance plan include the following?</b>				
(1) an entity designated for storm water inspection and maintenance responsibilities?				
(2) the routine and non-routine maintenance tasks to be undertaken?				
(3) a schedule for inspection and maintenance?				
(4) any necessary legally binding maintenance easements and agreements?				
(5) construction drawings or excerpts showing the facility plan view and profile, as well as details of the outlet(s)?				
(6) a map showing all access and maintenance easements?				
(7) a description of how pollutants will be removed and disposed of?				
Does the SWP3 include a structural post-construction BMP designed to release the water quality volume over a 24-hour to 48-hour time period?				
<b>Calculation of Water Quality Volume (WQv)</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
Is the calculation of the WQv, shown? With correct values used for the following:				
(a) runoff coefficient (Rv), where $Rv = 0.05 + 0.9i$ i = ratio of impervious surface				
(b) precipitation depth (P = 0.9 inches)?				
(c) and the drainage area (A) to the BMP?				
If the structural post-construction BMP will be used for sediment storage, does it include a sediment accumulation volume of at least 20% of the WQv?				
If a regional storm water BMP will be used to meet the post-construction requirements, does it:				
(1) meet the design requirement for treating the WQv?				
(2) have a legal agreement established with the BMP owner for long-term maintenance?				
<b>Table 4a</b> Do extended detention practices show an appropriate minimum drain time that shall not discharge more than the first half of the WQv in less than one-third of the drain time? <i>NOTE: Dry = 48 hr; Wet, wetland, permeable pavement, underground storage, and sand/media filtration min. 24, &lt;72 hr.</i>				
<b>Table 4a</b> Do extended detention practices show appropriate design features? <ul style="list-style-type: none"> <li>• Wetland and wet basins: permanent pool = 1WQv</li> <li>• Dry, wet and wetland: sediment storage = 0.2WQv</li> <li>• Dry: forebay and micro-pool or acceptable pretreatment and a protected outlet.</li> </ul> Underground storage: acceptable pretreatment capable of $\geq 50\%$ TSS.				
<b>Table 4b</b> Do planned infiltrating practices show an appropriate maximum drain time? Note: Bioretention and infiltration basin $\leq 24$ ; infiltration trench, permeable pavement and underground storage $\leq 48$ hours.				
<b>Table 4b</b> Do planned infiltrating underground storage practices (for credit) show acceptable of pretreatment of $\geq 80\%$ TSS.				
<b>Small Construction Activities <math>\leq 2</math> Acres</b> If the SWP3 proposes to use an alternative BMP instead of a Table 4a or 4b practice,	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>

OHC000005 – SWP3 Checklist

(1) does the SWP3 provide justification on why a standard BMP is infeasible and their use would prevent the project?				
(2) Is the alternative BMP acceptable to the local MS4 or jurisdiction?				
<b>Transportation Projects</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
For (public road construction activities), are the post-construction BMPs designed consistent with the Ohio Department of Transportation’s “Location and Design Manual, Volume Two?”				
<b>Offsite Mitigation of Post-Construction</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
If the SWP3 is proposing to use an offsite post-construction BMP, then does the SWP3 include:				
(1) a maintenance agreement or policy is established to ensure operations and treatment long-term?				
(2) the offsite location discharges to the same HUC-12 watershed unit?				
(3) the mitigation ratio of the WQv is 1.5 to 1 or the WQv at the point of retrofit, whichever is greater?				
<b>Previously Developed Areas (Redevelopment)</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
For construction of a previously developed area, was one of the following options used to as a post-construction practice:				
(a) 20% net reduction in the site’s volumetric runoff coefficient?				
(b) a BMP sized to treat 20% of the WQv for the previously developed area using a standard BMP from Tables 4a or 4b?				
For construction involving both previously developed and undeveloped land, was equation 3 shown to calculate the WQv? $WQv = 0.9\text{inches} * A * [(Rv_1 * 0.2) + (Rv_2 - Rv_1)]/12$				
<b>Runoff Reduction Practices:</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
If the SWP3 proposes to use runoff reduction methods to reduce the WQv or size of post-construction practices, are one of the following acceptable practices being used with appropriate credit?				
<ul style="list-style-type: none"> <li>• Green Roof</li> <li>• Impervious Surface Disconnection</li> <li>• Rainwater Harvesting</li> <li>• Bioretention Area/Cell</li> <li>• Infiltration Basin</li> <li>• Infiltration Trench</li> <li>• Permeable Pavement (Infiltration)</li> <li>• Underground Storage (Infiltration)</li> <li>• Grass Swale</li> <li>• Sheet Flow to Filter Strip</li> </ul>				
Sheet Flow to Conservation Area				
Do practices meet Ohio EPA’s Rainwater and Land Development Manual specifications?				
Is any runoff reduction practice(s) used to meet the groundwater recharge requirements for the Big Darby Creek Watershed shown in recharge calculations?				
Is any runoff reduction practice used meet post-construction requirement for areas that cannot drain to a structural practice (e.g., backyards of residential lots) shown in calculations?				
<b>Alternative Post-Construction BMPs</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>

OHC000005 – SWP3 Checklist

If the SWP3 proposes to use alternative post-construction BMPs to those of Tables 4a and 4b practices, has approval been obtained from Ohio EPA? (Attach correspondence & Alt. Practice Form)				

<b>Part III.G.2.f - Surface Water Protection</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
Does the site contain any streams, rivers, lakes, or wetlands?				
If so, has the U.S. Army Corps of Engineers been contacted for a determination of impacts requiring Clean Water Act 401 or 404 permitting? (Attach any reference numbers)				
For storm water discharges from BMPs into wetlands, have appropriate BMPs been proposed to treat and diffuse flows?				

<b>Part III.G.2.g - Other Controls</b>				
<b>(Non-sediment pollutant controls, tracking, dust, wastes, dewatering, and contaminated sediments)</b>				
<b>Handling of Toxic or Hazardous Materials</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) The SWP3 considers and addresses potential toxic or hazardous wastes and their proper disposal?				
(2) The SWP3 addresses the need and methods to exclude waste materials or wastewater (e.g. from washout) from storm water or waters of the state? and of responding to chemical spills and leaks (e.g. directs to onsite Spill Prevention Control and Countermeasure (SPCC) plan).				
(3) The SWPPP addresses potential materials and responses to chemical spills and leaks (e.g. directs to onsite Spill Prevention Control and Countermeasure (SPCC) plan).				
<b>Waste Disposal</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
Covered and leak-proof containers are planned for disposal of debris, trash, hazardous or petroleum wastes?				
As applicable, the SWP3 states that all waste will comply with applicable state or local waste disposal requirements and provisions address issues such as open burning, sanitary wastes and construction and demolition debris?				
<b>Clean Hard Fill</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) If disposal of bricks, hardened concrete, and/or soil is planned, are these materials required to be free from contamination that may leach to waters of the state?				
(2) If clean construction wastes will be disposed into the property, have are there any local prohibitions from this type of disposal?				
<b>Construction Chemical Compounds</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) Does the SWP3 designate areas used for mixing or storage of compounds such as fertilizers, lime, asphalt, or concrete?				
(2) If so, are these areas located away from watercourses, drainage ditches, field drains, or other storm water drainage areas?				
<b>Equipment Fueling &amp; Maintenance</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) Does the SWP3 designate areas used for fueling or performing vehicle maintenance that provide separation from watercourses, drainage ditches, field drains, or other storm water drainage areas?				
(2) If applicable, has a spill prevention control and countermeasures (SPCC) plan been developed?				

OHC000005 – SWP3 Checklist

<p><i>NOTE: An SPCC plan is required for sites which have the following:</i></p> <ul style="list-style-type: none"> <li>• Aboveground oil/fuel storage capacity of more than 1,320 gallons in all containers 55 gallons or greater in volume, or</li> <li>• Underground oil/fuel storage capacity of more than 42,000 gallons.</li> </ul>				
<b>Concrete Wash Waters</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) Does the SWP3 designate areas used for concrete chute cleaning or other concrete wash waters that are these areas located away from watercourses, drainage ditches, field drains, or other drainage areas?				
<b>Trench &amp; Ground Water Control</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
Does the construction site have an onsite trench or pond that must be dewatered?				
If so, does the SWP3 call for the discharge of potentially turbid water through a filter bag, sump pit, or other sediment removal device?				
<b>Contaminated Soils</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
If applicable, does the SWP3 address proper handling and disposal of soils contaminated by petroleum or other chemical spills? <i>NOTE: Contaminated soils must be treated and/or disposed in Ohio EPA approved solid waste management facilities or hazardous waste treatment, storage or disposal facilities.</i>				
If the facility contains contaminated soil, which of the following practices will be used to prevent contamination from being released?				
(1) Berms, trenches, and pits used to collect contaminated runoff and prevent discharges;				
(2) Runoff is planned to be pumped into a sanitary sewer (requires prior approval of the sanitary sewer operator) or into a container for transport to an appropriate treatment/disposal facility;				
(3) Areas of contamination are planned for covering with tarps or other methods that prevent storm water from coming into contact with the material.				
<b>Spill Reporting Requirements</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) The SWP3 describes procedures in the event of a small release (less than 25 gallons) of petroleum waste? <i>NOTE: Petroleum-based and concrete curing compounds must have special handling procedures.</i>				
(2) The SWP3 describe what to do in the event of a larger release (25 or more gallons) of petroleum waste? <i>NOTE: Ohio EPA (1-800-282-9378), the local fire department, and the local emergency planning committee (LEPC) must be contacted within 30 minutes of a spill of 25 or more gallons.</i>				
<b>Open Burning</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) If applicable, does the SWPPP restrict open burning to legal limits (as defined in OAC 3745-19)?				
<b>Dust Controls/Suppressants</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) If dust suppressants are proposed in the SWP3, are application areas away from catch basins for storm sewers or other drainage ways? <i>NOTE: Used oil may not be used as a dust suppressant</i>				
<b>Air Permitting Requirements</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
(1) If applicable (e.g. <i>mobile concrete batch plants, mobile asphalt plants, concrete crushers, and large generators</i> ) have appropriate				



OHC000005 – SWP3 Checklist

measures been taken to ensure that all air pollution permits have been obtained?				
(2) In the case of applicable restoration or demolition projects, a notification will be submitted to Ohio EPA, Division of Air Pollution Control to determine if asbestos corrective actions are required?				
<b>Process Wastewater/Leachate Management</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
All process wastewaters (e.g., equipment washing, leachate associated with on-site waste disposal, and concrete wash-outs) be collected and disposed of properly (e.g., to a publicly-owned treatment works)? <i>NOTE: The NPDES construction storm water general permit only authorizes the discharge of storm water and certain uncontaminated non-storm waters. The discharge of non-storm waters to waters of the state may be in violation of local, state, and federal laws or regulations.</i>				
<b>Additional Concerns</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
For construction activities involving the installation and/or replacement of a centralized sanitary system, (including sewer extensions) or a sewerage system (except those serving one, two, and three family dwellings) and potable water lines, a PTI application was submitted to Ohio EPA? <i>NOTE: Coverage under the NPDES construction storm water general permit does not alone authorize the installation of such sanitary sewerage systems or potable water lines.</i>				
Does the SWP3 include measures for implementing good housekeeping practices?				
Does the SWP3 promote the use of protected storage areas for industrial or construction materials to minimize exposure of such materials to storm water?				

<b>Part III.G.2.h - Maintenance</b>				
	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
The SWPPP describes adequate repair and maintenance procedures for each temporary and permanent control practice planned in order to ensure continued function.				
<b>Part III.G.2.i - Inspections</b>				
	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
The SWP3 states that only “qualified inspection personnel” will perform the inspections?				
The SWP3 requires construction site inspections to be performed once every 7 calendar days; and after every rain event $\geq 0.5$ -inch in a 24-hour period by the end of next calendar day (excluding non-working weekends & holidays)?				
The SWP3 states that the inspection frequency may be reduced to monthly for dormant sites if:				
<ul style="list-style-type: none"> <li>the entire site is temporarily stabilized or</li> </ul>				
<ul style="list-style-type: none"> <li>runoff is unlikely due to weather conditions for extended periods of time (e.g., frozen ground)?</li> </ul>				
Does the SWP3 include an inspection checklist (to be completed and signed after every inspection) that includes:				
<ul style="list-style-type: none"> <li>the inspection date;</li> <li>names, titles, and qualifications of inspectors;</li> </ul>				

OHC000005 – SWP3 Checklist

<ul style="list-style-type: none"> <li>• weather for the period since the last inspection (e.g., beginning, duration, &amp; rainfall amount of each storm event and whether a discharge occurred);</li> <li>• weather and a description of any discharges occurring at the time of the inspection;</li> <li>• location(s) of discharges of sediment or other pollutants from the site;</li> <li>• location(s) of BMPs that need to be maintained;</li> <li>• location(s) of BMPs that failed to operate as designed or proved inadequate for a particular location;</li> <li>• location(s) where additional BMPs are needed that did not exist at the time of inspection;</li> <li>• and corrective action required including any changes to the SWP3 necessary and implementation dates</li> </ul>			
<p>The SWP3 details the areas to inspect (disturbed areas; material storage areas; erosion and sediment controls; discharge locations; and vehicle entrance/exit locations)?</p>			
<p>Does the SWP3 state that inspection records will be kept for 3 years after termination of construction activities?</p>			
<p>Does the SWP3 specify the time within which BMPS must be repaired, maintained or a new functional BMP installed? (Within 3 days of inspection for non-sediment pond BMPs, and within 10 days of inspection for sediment ponds to be repaired or cleaned out and replacing a BMP not meeting the intended function or missing from the site.)</p>			

I certify this to be a true and accurate copy of the  
official documents as filed in the records of the Ohio  
Environmental Protection Agency.

NPDES Permit No.: OHQ000004  
Page 1 of 43

By:  Date: \_\_\_\_\_

Page 1 of 43

3/31/2021

NPDES Permit No.: OHQ000004

Issuance Date: April 1, 2021  
Effective Date: April 1, 2021  
Expiration Date: March 31, 2026

## OHIO ENVIRONMENTAL PROTECTION AGENCY

### AUTHORIZATION FOR SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS TO DISCHARGE STORM WATER UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq. hereafter referred to as "the Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Chapter 6111), dischargers of storm water from Small Municipal Separate Storm Sewer Systems, as defined in Part VI of this permit, are authorized by the Ohio Environmental Protection Agency, hereafter referred to as "Ohio EPA," to discharge from the outfalls and to the receiving surface waters of the state identified in their Notices of Intent (NOI) Application form on file with Ohio EPA in accordance with the conditions specified in this permit. This permit includes all required permit terms and conditions in the general permit and has been issued under the Comprehensive General Permit approach in accordance with Ohio Administrative Code (OAC) 3745-38-02(B)(4)(a).

It has been determined that a lowering of water quality of various waters of the state associated with granting coverage under this permit is necessary to accommodate important social and economic development in the state of Ohio. In accordance with OAC 3745-1-05, this decision was reached only after examining a series of technical alternatives, reviewing social and economic issues related to the degradation, and considering all public and intergovernmental comments received concerning the proposal.

Granting of permit coverage is conditioned upon payment of applicable fees, submittal of a complete NOI Application in accordance with Part I.D of this permit and written approval of coverage from the director of Ohio EPA in accordance with OAC 3745-38-02(E).



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**Laurie A. Stevenson**  
Director

## TABLE OF CONTENTS

### PART I. COVERAGE UNDER THIS PERMIT

- A. Permit Area
- B. Eligibility
- C. Limitations on Coverage
- D. Obtaining Authorization

### PART II. NOTICE OF INTENT REQUIREMENTS

- A. Deadlines for Notification
- B. How to Submit

### PART III. STORM WATER MANAGEMENT PROGRAMS

- A. Requirements
- B. Minimum Control Measures
- C. Sharing Responsibility
- D. Reviewing and Updating Storm Water Management Programs

### PART IV. EVALUATING, RECORD KEEPING AND REPORTING

- A. Evaluating
- B. Record Keeping
- C. Reporting

### PART V. STANDARD PERMIT CONDITIONS

- A. Duty to Comply
- B. Continuation of the Expired General Permit
- C. Need to Halt or Reduce Activity Not a Defense
- D. Duty to Mitigate
- E. Duty to Provide Information
- F. Other Information
- G. Signatory Requirements
- H. Property Rights
- I. Proper Operation and Maintenance
- J. Inspection and Entry
- K. Permit Actions
- L. Permit Transfers
- M. Anticipated Noncompliance
- N. State Environmental Laws
- O. Severability
- P. Procedures for Modification or Revocation
- Q. Requiring an Individual Permit or an Alternative General Permit
- R. Oil and Hazardous Substance Liability
- S. Duty to Reapply
- T. Bypass
- U. Upset
- V. Monitoring and Records
- W. Reporting Requirements

### PART VI. DEFINITIONS

### APPENDIX A. SMALL MS4s AND U.S. EPA APPROVED TMDLs

## PART I. COVERAGE UNDER THIS PERMIT

### A. Permit Area

This permit covers urbanized areas within the state of Ohio, as determined by the 2000 through the latest Decennial Census by the Bureau of Census, and areas outside of urbanized areas that the director of Ohio EPA designates.

### B. Eligibility

1. All small municipal separate storm sewer systems (MS4s) unless the director of Ohio EPA has given written notification to a small MS4 that coverage under this general permit is inappropriate.
2. This permit authorizes discharges of storm water from small MS4s, as defined in Part VI of this permit. You are authorized to discharge under the terms and conditions of this general permit if you:
  - a. Operate a small MS4 within the permit area described in Part I.A of this permit,
  - b. Are not a "large" or "medium" MS4 as defined in Part VI of this permit, and
  - c. Submit a Notice of Intent (NOI) and applicable fees in accordance with Part II of this permit, and
  - d. Are located fully or partially within an urbanized area as determined by the 2000 through the latest Decennial Census by the Bureau of Census, or
  - e. Are designated for permit authorization by Ohio EPA.
3. The following are types of authorized discharges:
  - a. *Storm water discharges.* This permit authorizes storm water discharges to surface waters of the State from the small MS4s identified in Part I.B.2, except as excluded in Part I.C.
  - b. *Non-storm water discharges.* You are authorized to discharge the following non-storm water sources provided that you or Ohio EPA has not determined, and notified you in writing, these sources are substantial contributors of pollutants (violate OAC Chapter 3745-1 (Ohio's Water Quality Standards)) to your MS4: waterline flushing; landscape irrigation; diverted stream flows; rising ground waters; uncontaminated ground water infiltration (infiltration is defined as water other than wastewater that enters a sewer system, including sewer service connections and foundation drains, from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does not include, and is distinguished from, inflow.); uncontaminated pumped ground water; discharges from potable water sources; foundation drains; air conditioning condensate; irrigation water; springs; water from crawl space pumps; footing drains; lawn watering; individual residential car washing; flows from riparian habitats and wetlands; dechlorinated/debrominated/desalinated swimming pool discharges; street wash water with dry cleanup methods and no detergents to minimize pollutants; and discharges or flows from fire-fighting activities (not planned exercises).
4. This permit authorizes storm water discharges provided the small MS4 implements the applicable best management practices (BMPs) that have been established herein in order to meet the pollution control targets of the Total Maximum Daily Load (TMDL) and/or the 2012 Great Lakes Water Quality Agreement Annex 4 (Nutrients). The additional performance standards identified within each minimum control measure are expected to meet the pollution targets of the Annex 4 goals and TMDLs.

**C. Limitations on Coverage**

This permit does not authorize:

1. Discharges of storm water that are mixed with sources of non-storm water unless such non-storm water discharges are:
  - a. In compliance with a separate National Pollutant Discharge Elimination System (NPDES) permit, or
  - b. Determined by Ohio EPA not to be a substantial contributor of pollutants to surface waters of the state.
2. Storm water discharges associated with industrial activity as defined in 40 CFR §122.26(b)(14)(i)-(ix) and (xi) that are not in compliance with a separate in force NPDES permit.
3. Storm water discharges associated with construction activity as defined in 40 CFR §122.26(b)(14)(x) or 40 CFR §122.26(b)(15) that are not in compliance with a separate in force NPDES permit.
4. Storm water discharges currently covered under another in force NPDES permit.
5. Discharges that would cause or contribute to in-stream exceedances of water quality standards. Ohio EPA may require additional actions or an application for an individual NPDES permit or alternative NPDES general permit if an MS4 is determined to cause an in-stream exceedance of water quality standards.
6. Discharges of any pollutant into any water for which a Total Maximum Daily Load (TMDL) has been approved by U.S. EPA (this information can be obtained from Ohio EPA) unless your discharge is consistent with that TMDL. This eligibility condition applies at the time you submit an NOI for coverage. For discharges that cannot comply with TMDL requirements under this permit, you will be instructed by Ohio EPA to apply for an individual NPDES permit or alternative NPDES general permit.
7. Discharges that do not comply with Ohio EPA's anti-degradation policy for water quality standards.

**D. Obtaining Authorization**

1. To be authorized to discharge storm water from your small MS4, you shall submit a completed NOI, application fee (per ORC 3745.11(S)(1)(c)(i)) and your Storm Water Management Program (SWMP) in accordance with the deadlines presented in Part II.A of this permit. Coverage under this permit requires an annual discharge fee in accordance with ORC 3745.11(L(4)).
2. You may partner with other small MS4s to develop and implement your SWMP. You may become Co-Permittees with one or more small MS4s by jointly submitting an NOI and including a Co-Permittee NOI for every additional small MS4. Your SWMP shall clearly describe which permittees are responsible for implementing each of the control measures.
  - a. Where a small MS4 is added as a Co-Permittee after the submittal of an NOI under Part II of this permit, a Co-Permittee NOI shall be submitted in accordance with Part II.B.
  - b. Where a small MS4 separates from a permitted small MS4 group after submittal of a Co-Permittee NOI application under Part II of this permit, the separating small MS4 shall submit a new NOI in accordance with Part II.
3. Your NOI/Co-Permittee NOI, to be completed on a form furnished by Ohio EPA, shall be signed and dated in accordance with Part V.G of this permit.

4. Until notified in writing by Ohio EPA, dischargers who submit an NOI/Co-Permittee NOI in accordance with the requirements of this permit are not covered by this permit. The Agency may deny coverage under this permit and require submittal of an application for an individual NPDES permit or alternative general permit based on a review of the NOI or other information (see Part V.Q).

## **PART II. NOTICE OF INTENT REQUIREMENTS**

### **A. Deadlines for Notification**

1. If you were automatically designated by the 2000 Census under 40 CFR §122.32(a)(1) to obtain coverage, then you were required to submit an NOI/Co-Permittee NOI and your SWMP or apply for an individual permit by March 10, 2003. If you were automatically designated by the 2010 Census under 40 CFR §122.32(a)(1) to obtain coverage under this permit, then you were required to submit an NOI/Co-Permittee NOI and your SWMP to Ohio EPA within 180 days of notice. If you are automatically designated by the 2020 Census under 40 CFR §122.32(a)(1) to obtain coverage under this permit, then you are required to submit an NOI/Co-Permittee NOI and your SWMP to Ohio EPA within 180 days of notice from Ohio EPA.
2. *Additional designations.* If you are designated by Ohio EPA, then you are required to submit an NOI and your SWMP to Ohio EPA within 180 days of notice from Ohio EPA.
3. *Submitting a late NOI.* You are not prohibited from submitting an NOI after the dates provided in Part II.A of this permit. If a late NOI is submitted, your authorization is only for discharges that occur after permit coverage is granted. Ohio EPA reserves the right to take appropriate enforcement actions against MS4s that have not submitted a timely NOI.
4. *Renewal.* Existing permittees having coverage under the previous version of this permit (OHQ000003) shall have continuing coverage under OHQ000004 with the submittal of a timely renewal application. Within 90 days from the effective date of this permit, existing permittees shall submit a NOI in accordance with this permit and application fee.
5. *Separating from a group.* An existing permittee separating from a group application shall submit an NOI and your SWMP to Ohio EPA within 90 days prior to change. You shall adhere to the conditions of the permit and the group SWMP until receiving your separate authorization.

### **B. How to Submit**

You shall submit a complete and accurate NOI/Co-Permittee NOI application using Ohio EPA's electronic application form which is available through the Ohio EPA eBusiness Center at <https://ebiz.epa.ohio.gov/>.

## **PART III. STORM WATER MANAGEMENT PROGRAMS (SWMP)**

### **A. Requirements**

1. You shall develop, implement, and enforce an SWMP designed to reduce the discharge of pollutants from your small MS4 to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of Ohio Revised Code (ORC) 6111 and the Clean Water Act. The SWMP should include management practices; control techniques and system, design, and engineering methods; and shall be modified to include provisions as Ohio EPA determines appropriate after its review of the program for the control of such pollutants. Your SWMP shall include the following information for each of the six minimum control measures described in Part III.B of this permit:
  - a. The BMPs that you or another entity will or already implements for each of the storm water minimum control measures. Where applicable, BMPs shall be selected to address U.S. EPA

approved TMDL recommendations for identified water quality problems associated with MS4 discharges within your small MS4's watershed(s).

- b. For each BMP identified, statements indicating whether you believe you have the legal authority to implement said BMP or how you intend to partner with an entity that does.
  - c. The measurable goals for each of the BMPs, including, as appropriate, the months and years in which you will undertake required actions, including interim milestones and the frequency of the action. At a minimum, measurable goals shall be implemented to satisfy this permit's performance standards; and
  - d. The person or persons, including position title or titles, responsible for implementing or coordinating the BMPs for your SWMP. The SWMP shall include a Table of Organization, including a primary point of contact, which identifies how implementation across multiple positions, agencies and departments will occur.
  - e. In addition to the requirements listed above, you shall provide a rationale for how and why you selected each of the BMPs and measurable goals for your SWMP, including how selected BMPs address applicable TMDL recommendations.
2. If you are obtaining your initial small MS4 general permit coverage under this permit, you shall develop and implement your program within five years of being granted coverage under this permit. If you are renewing coverage under this permit, you shall update your SWMP to be consistent with requirements of this permit within one (1) year of the effective date of this general permit and submit as an attachment with your 2021 Annual Report that will be due on April 1, 2022.

## **B. Minimum Control Measures**

The six minimum control measures that shall be included in your SWMP are:

### **1. Public Education and Outreach on Storm Water Impacts**

- a. You shall implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff. In the case of non-traditional small MS4s (e.g., OTIC, ODOT, universities, hospitals, prisons, military bases, and other government complexes), you are only required to provide educational materials and outreach to your employees, on-site contractors, and individuals using your facilities.
- b. *Decision process.* You shall document your decision process for the development of a storm water public education and outreach program. Your rationale statement shall address both your overall public education program and the individual BMPs, measurable goals and responsible persons for your program. The rationale statement shall include the following information, at a minimum:
  - i. How you plan to inform individuals and households about the steps they can take to reduce storm water pollution.
  - ii. How you plan to inform individuals and groups on how to become involved in the storm water program (with activities such as local stream and beach restoration activities).
  - iii. Who are the target audiences for your education program who are likely to have significant storm water impacts (including commercial, industrial and institutional entities) and why those target audiences were selected.



- iv. What are the target pollutant sources your public education program is designed to address.
  - v. What is your outreach strategy, including the mechanisms (e.g., printed brochures, newspapers, media, workshops, etc.) you will use to reach your target audiences, and how many people do you expect to reach by your outreach strategy over the permit term.
  - vi. Who (person or department) is responsible for overall management and implementation of your storm water public education and outreach program and, if different, who is responsible for each of the BMPs identified for this program.
  - vii. How will you evaluate the success of this minimum measure, including how you selected the measurable goals for each of the BMPs.
- c. *Performance Standards.* Your storm water public education and outreach program, at a minimum, shall include:
- i. More than one outreach mechanism.
  - ii. A minimum of five storm water themes or messages over the permit term.
  - iii. Your storm water public education and outreach program shall reach at least 50 percent of your population over the permit term.
  - iv. TMDL Performance Standard (see Appendix A). If your small MS4 discharges to a watershed with a U.S. EPA approved TMDL, your storm water public education and outreach program shall, at a minimum, target each TMDL pollutant identified for your small MS4 at least once to satisfy your minimum of five storm water themes or messages over the permit term. Single themes or messages may target multiple pollutants.
  - v. Your annual report shall identify each mechanism used and its storm water theme, target pollutant(s), its target audience and an estimate of how many people within your jurisdiction were reached by each mechanism.

## 2. Public Involvement/Participation

- a. You shall comply with State and local public notice requirements and satisfy this minimum control measure's minimum performance standards when implementing a public involvement/participation program. In the case of non-traditional small MS4s (e.g., OTIC, ODOT, universities, hospitals, prisons, military bases, and other government complexes), you are required to involve employees, on-site contractors, and individuals using your facilities.
- b. *Decision process.* You shall document your decision process for the development of a storm water public involvement/participation program. Your rationale statement shall address both your overall public involvement/participation program and the individual BMPs, measurable goals, and responsible persons for your program. The rationale statement shall include the following information, at a minimum:
  - i. Have you involved the public in the development and submittal of your NOI and SWMP description.
  - ii. What is your plan to actively involve the public in the development and implementation of your program.

- iii. Who are the target audiences for your public involvement program, including a description of the types of ethnic and economic groups engaged. You are encouraged to actively involve all potentially affected stakeholder groups, including commercial and industrial businesses, trade associations, environmental groups, homeowners' associations, and educational organizations, among others.
  - iv. What are the types of public involvement activities included in your program. Where appropriate, consider the following types of public involvement activities: citizen representatives on a storm water management panel, public hearings, working with citizen volunteers willing to educate others about the program, volunteer monitoring or stream/beach clean-up activities.
  - v. Who (person or department) is responsible for the overall management and implementation of your storm water public involvement/participation program and, if different, who is responsible for each of the BMPs identified for this program.
  - vi. How you will evaluate the success of this minimum measure, including how you selected the measurable goals for each of the BMPs.
- c. *Performance Standards.* Your storm water public involvement/participation program, at a minimum, shall include:
- i. Five public involvement activities over the permit term.
  - ii. TMDL Performance Standard (see Appendix A). If your small MS4 discharges to a watershed with a USEPA approved TMDL, your storm water public involvement/participation program shall, at a minimum, target each TMDL pollutant identified for your small MS4 at least once to satisfy your minimum of five public involvement activities over the permit term. Single public involvement activities may target multiple pollutants.
  - iii. Your annual report shall identify each public involvement/participation activity conducted, including a brief description of the activity, the target pollutant(s) and include an estimate of how many people from your jurisdiction participated.

### 3. Illicit Discharge Detection and Elimination

- a. You shall develop, implement and enforce a program to detect and eliminate illicit discharges, as defined in Part VI of this permit, into your small MS4. For illicit discharges to your small MS4 via an adjacent, outside of your jurisdiction, interconnected MS4, you are only required to immediately inform the neighboring MS4 and inform Ohio EPA in your annual report;
- b. You shall develop, if not already completed, a comprehensive storm sewer system map, showing the location of all outfalls and the names and location of all surface waters of the state that receive discharges from those outfalls. Your comprehensive storm sewer system map shall also include your small MS4 system (owned and/or operated by you), including catch basins, pipes, ditches, flood control facilities (retention/detention ponds), post-construction water quality BMPs (public and private) which have been installed to satisfy Ohio EPA's NPDES Construction Storm Water general permit and/or your local post-construction water quality BMP requirements. Post-construction BMPs shall be identified by type of practice (e.g., wet extended detection basin, bioretention, etc.). Previously existing post-construction BMPs shall be identified by type of practice within five (5) years of the effective date of this permit;
- c. Within five years of when your initial small MS4 general permit coverage was granted, you shall submit the following to Ohio EPA:

- i. A list of all on-site sewage disposal systems located within your jurisdiction and are connected or discharging to your small MS4 (a.k.a., home sewage treatment systems (HSTSs)) including the addresses; and
  - ii. A storm sewer map showing the location of all HSTSs located within your jurisdiction and are connected or discharging to your small MS4. This map shall include details on the type and size of conduits/ditches in your small MS4 that receive discharges from HSTSs, as well as the water bodies receiving the discharges from your small MS4.
- d. You shall to the extent allowable under State or local law, effectively prohibit, through ordinance, or other regulatory mechanism, illicit discharges into your storm sewer system and implement appropriate enforcement procedures and actions;
- e. You shall develop and implement a program to detect and eliminate non-storm water discharges, including illegal dumping, to your system. At a minimum, for household sewage treatment systems (HSTSs), your program shall address or include provisions for:
- i. Working with the appropriate Board(s) of County Commissioners, other public officials, local waste water authorities, any other appropriate entity and local board(s) of health to proactively identify residences with existing individual discharging HSTSs that can be legally, feasibly and economically connected to central sewers. At a minimum, the program shall evaluate applying provisions identified by ORC 6117.51 and other applicable State and local laws and/or regulations. At a minimum, this activity should require connection to central sewers for any discharging HSTS that is not operating as designed and intended if feasible, but it does not preclude connection to central sewers of any HSTS if local planning and coordination recommends such;
  - ii. Working with local board(s) of health to develop a proactive operation and maintenance program or implement/enhance an existing operation and maintenance program which determines if existing discharging HSTSs are operating as designed and intended and, for those not meeting these criteria, requires elimination, upgrade or replacement of the systems as appropriate;
  - iii. Actively investigating the source(s) of contamination in outfalls identified during dry weather screening process. When the contamination source has been identified as discharging HSTS that is not operating as designed and intended, work with the local board(s) of health to determine proper course of action in resolving the non-functioning HSTS with connection to central sewers being preferred alternative, followed by replacing system with a soil absorption system that does not discharge and only allowing a replacement discharging HSTS when no other option is available. For replacement discharging HSTSs that cannot be eliminated through connection to central sewers or installation of soil absorption systems, the property owner must be notified of the requirement to pursue coverage under an appropriate Ohio EPA general NPDES permit; and
  - iv. Working with local waste water authorities, planning agencies or other appropriate agencies involved to evaluate the planned or possible future installation of sewers for areas which contain high densities of discharging HSTSs.
- f. You shall inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste;
- g. You shall address the following categories of non-storm water discharges or flows (i.e., illicit discharges) only if you or Ohio EPA has identified them as significant contributors of pollutants to your small MS4: water line flushing, landscape irrigation, diverted stream flows, rising ground waters, uncontaminated ground water infiltration (as defined at 40 CFR §35.2005(20)), uncontaminated pumped ground water, discharges from potable water

sources, foundation drains, air conditioning condensation, irrigation water, springs, water from crawl space pumps, footing drains, lawn watering, individual residential car washing, flows from riparian habitats and wetlands, dechlorinated/debrominated/desalinated swimming pool discharges, street wash water, and discharges or flows from non-planned fire-fighting activities (by definition, not an illicit discharge); and

- h. You may also develop a list of other similar occasional incidental non-storm water discharges (e.g., non-commercial or charity car washes, etc.) that will not be addressed as illicit discharges. These non-storm water discharges must not be reasonably expected (based on information available to the permittees) to be significant sources of pollutants to the small MS4, because of either the nature of the discharges or conditions you have established for allowing these discharges to your small MS4 (e.g., a charity car wash with appropriate controls on frequency, proximity to sensitive water bodies, BMPs on the wash water, etc.). You must document in your SWMP any local controls or conditions placed on the discharges. You must include a provision prohibiting any individual non-storm water discharge that is determined to be contributing significant amounts of pollutants to your small MS4.
- i. Decision process. You shall document your decision process for the development of a storm water illicit discharge detection and elimination program. Your rationale statement shall address both your overall illicit discharge detection and elimination program and the individual BMPs, measurable goals, and responsible persons for your program. The rationale statement shall include the following information, at a minimum:
  - i. How you will develop a comprehensive storm sewer map. Describe the sources of information you will use for the maps, and how you plan to verify the outfall locations with field surveys. If already completed, describe how you developed this map. Also, describe how your map will be regularly updated.
  - ii. The mechanism (ordinance or other regulatory mechanism) you will use to effectively prohibit illicit discharges into the small MS4 and why you chose that mechanism. If you need to develop this mechanism, describe your plan and a schedule to do so. If your ordinance or regulatory mechanism is already developed, include a copy of the relevant sections with your program.
  - iii. Your program to detect and address illicit discharges to your system, including discharges from illegal dumping and spills. Your program shall include dry weather field screening for non-storm water flows. Ohio EPA recommends using field tests of selected chemical parameters as indicators of discharge sources. You shall describe the mechanisms and strategies you will implement to ensure outfalls which have previously been dry-weather screened will not have future illicit connections. Your program shall also address on-site sewage disposal systems (including failing on-lot HSTs and off-lot discharging HSTs) that flow into your storm drainage system. Your description shall address the following, at a minimum:
    1. Procedures for locating priority areas which include areas with higher likelihood of illicit discharges (e.g., areas with older sanitary sewer lines, for example) or ambient sampling to locate impacted reaches;
    2. Procedures for tracing the source of an illicit discharge, including the specific techniques you will use to detect the location of the source;
    3. Procedures for removing the source of the illicit discharge; and
    4. Procedures for program evaluation and assessment.

- iv. Your program to ensure through appropriate enforcement procedures and actions that your illicit discharge ordinance (or other regulatory mechanism) is implemented to the extent allowable under State law.
  - v. How you plan to inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste. Include in your description how this plan will coordinate with your public education minimum measure and your pollution prevention/good housekeeping minimum measure programs.
  - vi. Who is responsible for overall management and implementation of your storm water illicit discharge detection and elimination program and, if different, who is responsible for each of the BMPs identified for this program.
  - vii. How you will evaluate the success of this minimum measure, including how you selected the measurable goals for each of the BMPs.
- j. *Performance Standards.* Your storm water illicit discharge detection and elimination program, at a minimum, shall include:
- i. If you are renewing coverage under OHQ000004, your storm water illicit discharge detection and elimination program shall have already included an initial dry-weather screening of all your storm water outfalls. If you are obtaining initial coverage under OHQ000004, your storm water illicit discharge detection and elimination program shall include an initial dry-weather screening of all your storm water outfalls within five years of obtaining initial coverage. For reference, see the definition of "Outfall from an MS4" in Part VI of this permit.
  - ii. Your program shall establish priorities and specific goals for long-term system-wide surveillance of your small MS4, as well as for specific investigations of outfalls and their tributary area where previous surveillance demonstrates a high likelihood of illicit discharges.
  - iii. Data collected each year shall be evaluated and priorities and goals shall be revised annually based on this evaluation.
  - iv. Your comprehensive storm sewer system map shall be updated annually.
  - v. You shall notify Ohio EPA if any of the following Illicit discharges are detected discharging to your small MS4:
    - Illicit sanitary cross connections from industrial, commercial or multi-family sources; and
    - Leaking or broken sanitary sewer lines that are actively contributing sewage to your small MS4.

Notification shall include the location, general description, date, and approximate time the illicit discharge was discovered. Such notification shall be made to the appropriate Ohio EPA district office within twenty-four (24) hours of discovery of the source:

Southeast District Office:	sedo24hournpdes@epa.ohio.gov
Southwest District Office:	swdo24hournpdes@epa.ohio.gov
Northwest District Office:	nwdo24hournpdes@epa.ohio.gov
Northeast District Office:	nedo24hournpdes@epa.ohio.gov
Central District Office:	cdo24hournpdes@epa.ohio.gov

vi. TMDL Performance Standard (see Appendix A). If your small MS4 discharges to a watershed with a U.S. EPA approved TMDL and any of the following pollutants are identified for your small MS4:

- Nutrients (Includes Phosphorus, Nitrogen and Ammonia);
- E. coli
- Bacteria; or
- Dissolved Oxygen and Organic Enrichment

Your illicit discharge detection and elimination program shall include the following performance standard:

1. Include an annual employee training which includes illicit discharge detection and elimination topic(s).

vii. Your annual report shall document the following:

- a. Total number of MS4 outfalls;
- b. Number of outfalls which had dry-weather screening;
- c. Number of outfalls where dry-weather flows were identified;
- d. Number of outfalls where illicit discharges were identified via dry-weather screening or other methods;
- e. Number of outfalls where illicit discharges were eliminated;
- f. Number of illicit discharges identified through other methods and the number eliminated;
- g. A list of all illicit discharges that have been identified but have yet to be eliminated, including details on the location, an estimate of volume (gpd), the source and the type (continuous/intermittent/one-time), the types of pollutants believed to be present, the receiving surface water and an estimated schedule for elimination;
- h. A summary of any storm sewer system mapping updates; and
- i. If applicable, summary of activities taken to satisfy your illicit discharge detection and elimination program TMDL performance standard.

#### **4. Construction Site Storm Water Runoff Control**

- a. You shall develop, implement, and enforce a program to reduce pollutants in any storm water runoff to your small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of pollutants in storm water discharges from construction activity disturbing less than one acre shall be included in your program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. If Ohio EPA waives requirements for storm water discharges associated with small construction from a specific site(s), you are not required to enforce your program to reduce pollutant discharges from such site(s). Your program shall include the development and implementation of, at a minimum:
  - i. An ordinance or other regulatory mechanism to require erosion and sediment controls, and non-sediment pollutant controls, as well as sanctions to ensure compliance, to the extent allowable under State or local law;

- ii. Requirements for construction site operators to implement appropriate erosion and sediment controls;
  - iii. Requirements for construction site operators to control waste such as, but not limited to, discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause potential water quality impacts;
  - iv. Procedures for storm water pollution prevention plan review which incorporate consideration of potential water quality impacts;
  - v. Procedures for receipt and consideration of information submitted by the public; and
  - vi. Procedures for site inspection and enforcement of control measures.
- b. *Decision process.* You shall document your decision process for the development of a construction site storm water control program. Your rationale statement shall address both your overall construction site storm water control program and the individual BMPs, measurable goals, and responsible persons for your program. The rationale statement shall include the following information, at a minimum:
- i. The mechanism (ordinance or other regulatory mechanism) you will use to require erosion and sediment controls, and non-sediment pollutant controls, at construction sites and why you chose that mechanism. If you need to develop this mechanism, describe your plan and a schedule to do so. If your ordinance or regulatory mechanism is already developed, include a copy of the relevant sections with your SWMP;
  - ii. Your requirements for construction site operators to implement appropriate erosion and sediment control BMPs and control waste at construction sites that may cause adverse impacts to water quality. Such waste includes, but is not limited to, discarded building materials, concrete truck washouts, chemicals, litter, and sanitary waste;
  - iii. Your procedures for pre-construction storm water pollution prevention plan (SWP3) review which incorporate consideration of potential water quality impacts;
  - iv. Your procedures for receipt and consideration of information submitted by the public. Consider coordinating this requirement with your public education program;
  - v. Your procedures for site inspection and enforcement of control measures, including how you will prioritize sites for inspection;
  - vi. Your program to ensure compliance with your erosion and sediment control regulatory mechanism, including the sanctions and enforcement mechanisms you will use to ensure compliance. Include a written enforcement escalation plan describing your procedures for when you will use certain sanctions. Possible sanctions include non-monetary penalties (such as a stop work orders), fines, bonding requirements, and/or permit denials for non-compliance;
  - vii. Who is responsible for overall management and implementation of your construction site storm water runoff control program and, if different, who is responsible for each of the BMPs identified for this program; and
  - viii. Describe how you will evaluate the success of this minimum measure, including how you selected the measurable goals for each of the BMPs.
- c. *Performance Standards.* Your construction site storm water control program, at a minimum, shall include:

- i. Your ordinance or other regulatory mechanism shall, at a minimum, be equivalent with the technical requirements set forth in the Ohio EPA NPDES General Storm Water Permit for Construction Activities (OHC000005) applicable to your permit area. If you had coverage under the previous version of this permit (OHQ000003), you shall revise your ordinance or other regulatory mechanism, if needed, within one (1) year of the effective date of this permit.
- ii. A pre-construction (SWP3) review and approval of all projects from construction activities that result in a land disturbance of greater than or equal to one acre and from construction activities which are part of a larger common plan of development or sale that will disturb one acre or more. An objective tool such as software or checklist shall be used to document each SWP3 review. Documentation of any communications regarding review and plan revisions and any notification to obtain NPDES permit coverage shall be maintained.
- iii. To ensure compliance, all applicable sites shall have an initial inspection. Follow-up inspections shall be on a monthly basis (at least every 31 calendar days). An objective tool such as software or checklist shall be used to document each site inspection to ensure all conditions of OHC000005 are addressed. These inspections are to be conducted by the MS4 or their contracted representative. They are in addition to the self-inspections required of construction site operators under OHC000005.
- iv. TMDL Performance Standard (see Appendix A). If your small MS4 discharges to a watershed with a U.S. EPA approved TMDL and any of the following pollutants are identified for your small MS4:
  - Total Suspended Solids (Includes Sediment and Siltation); or
  - Nutrients (Includes Phosphorus, Nitrogen and Ammonia)

Your construction site storm water program shall include the following performance standard:

- a. At a minimum, applicable construction sites which have the following compliance issues shall be inspected once every 14 calendar days instead of on a monthly basis:
  1. Construction activities have started at the site with no SWP3 reviewed and approved by the MS4;
  2. Failure to install sediment basin(s) when the SWP3 and/or site drainage clearly indicate as a first step (within 7 days prior to grading and within 7 days of grubbing);
  3. Construction activities taking place with no sediment/erosion controls; or
  4. Dewatering activities resulting in turbid discharges.

Your inspections can be returned to a monthly basis for the construction site once compliance with the above compliance issues have been addressed and verified.

- v. Your annual report shall document the following:
  - a. Number and list of applicable sites in your jurisdiction for the reporting year;
  - b. Number of pre-construction SWP3s reviewed and number approved;
  - c. Number and average frequency of site inspections;



- d. Number of violation letters/reports/notices issued;
- e. Number of enforcement actions taken; and
- f. Number of complaints (external and internal) received, and number addressed.

**5. Post-Construction Storm Water Management in New Development and Redevelopment**

- a. You shall develop, implement, and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into your small MS4. Your program shall ensure that controls are in place that will prevent or minimize potential water quality impacts;
- b. You shall develop and implement strategies which include a combination of structural and/or non-structural post-construction runoff controls appropriate for your community;
- c. You shall use an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under State or local law; and
- d. You shall ensure adequate long-term operation and maintenance of post-construction runoff controls, including provisions for when property changes ownership.
- e. *Decision process.* You shall document your decision process for the development of a post-construction storm water management program. Your rationale statement shall address your overall post-construction storm water management program and the individual BMPs, measurable goals, and responsible persons for your program. The rationale statement shall include the following information, at a minimum:
  - i. Your program to address storm water runoff from new development and redevelopment projects. Include in this description any specific priority areas for this program.
  - ii. How your program will be specifically tailored for your local community, minimize potential water quality impacts, and attempt to maintain pre-development runoff conditions.
  - iii. Any non-structural post-construction runoff controls in your program, including, as appropriate: green infrastructure storm water management techniques, policies and ordinances that provide requirements and standards to direct growth to identified areas, protect sensitive areas such as wetlands and riparian areas, maintain and/or increase open space (including a dedicated funding source for open space acquisition), provide buffers along sensitive water bodies, minimize impervious surfaces, and minimize disturbance of soils and vegetation; policies or ordinances that encourage infill development in higher density urban areas, and areas with existing storm sewer infrastructure; education programs for developers and the public about project designs that minimize potential water quality impacts; and other measures such as minimization of the percentage of impervious area after development, use of measures to minimize directly connected impervious areas, and source control measures often thought of as good housekeeping, preventive maintenance and spill prevention.
  - iv. Any structural post-construction runoff controls in your program, including, as appropriate: green infrastructure storm water management techniques, storage practices such as wet ponds and extended-detention outlet structures; filtration practices such as grassed swales, bioretention cells, sand filters and filter strips; and infiltration practices such as infiltration basins and infiltration trenches.

- v. The mechanisms (ordinance or other regulatory mechanisms) you will use to address post-construction runoff from new developments and redevelopments and why you chose the mechanism(s). If you need to develop a mechanism, describe your plan and a schedule to do so. If your ordinance or regulatory mechanism is already developed, include a copy of the relevant sections with your program.
  - vi. How you will ensure the long-term operation and maintenance (O&M) of any implemented or installed post-construction runoff controls. Options to help ensure that future O&M responsibilities are clearly identified and enforceable include an agreement between you and another entity such as the post-development landowners or regional authorities.
  - vii. Who is responsible for overall management and implementation of your post-construction storm water management program and, if different, who is responsible for each of the BMPs identified for this program.
  - viii. How you will evaluate the success of this minimum measure, including how you selected the measurable goals for each of the BMPs.
- f. *Performance Standards.* Your post-construction storm water management program, at a minimum, shall include:
- i. Your ordinance or other regulatory mechanism shall, at a minimum, be equivalent with the technical requirements set forth in OHC000005 applicable to your permit area. It shall require notification and approval of modifications to post-construction storm water runoff controls that occur after your initial SWP3 approvals. If you had coverage under the previous version of this permit (OHQ000003), you shall revise your ordinance or other regulatory mechanism, if needed, within one (1) year of the effective date of this permit.
  - ii. A pre-construction SWP3 review and approval of all projects from construction activities that result in a land disturbance of greater than or equal to one acre, and from construction activities which are part of a larger common plan of development or sale that will disturb one acre or more, to ensure that required post-construction controls are designed per requirements. An objective tool such as software or checklist shall be used to document each SWP3 review. Documentation of any communications regarding review and plan revisions shall be maintained.
  - iii. These applicable sites shall be inspected to ensure that controls are installed per requirements. An objective tool such as software or checklist shall be used to document each site inspection to ensure all conditions of OHC000005 are addressed.
  - iv. Your program shall also ensure that long-term O&M plans are developed and agreements in place for all applicable sites, including after changes of ownership. Your operation and maintenance program shall ensure that private and public post-construction runoff controls are being maintained per existing long-term O&M plans, agreements and local ordinances or other regulatory mechanisms. You shall maintain a copy of the long-term O&M plans and agreements provided during construction and document long-term O&M inspections. Your program shall include, at a minimum, one on-site inspection by you or a third party of each post-construction runoff control during this permit term.
  - v. TMDL Performance Standard (see Appendix A). If your small MS4 discharges to a watershed with a U.S. EPA approved TMDL and any of the following pollutants are identified for your small MS4:
    - Total Suspended Solids (Includes Sediment and Siltation); or

- Nutrients (Includes Phosphorus, Nitrogen and Ammonia)

Your post-construction storm water management program shall provide:

- a. In addition to Parts III.B.1.c and III.B.2.c, an educational opportunity to contractors, SWP3 designers, and/or employees on OHC000005 Table 4b practices and/or other green infrastructure practices during the permit term.

In addition, your program shall include, at a minimum, one of the following performance standards during the permit term:

- b. Retrofit one (1) existing storm water practice that solely provides a peak-discharge function to meet the performance standard for an extended detention post-construction practice in accordance with OHC000005 Table 4a or 4b; or
- c. Perform restoration of at least three hundred linear feet of channelized stream where natural channel stability and floodplain restoration will reduce stream erosion; or
- d. Update your ordinance or other regulatory mechanism to require OHC000005 Table 4b practices and/or other green infrastructure practices where feasible; or
- e. Install one (1) or more OHC000005 Table 4b practices to treat a minimum of 1 acre of existing impervious area developed prior to 2003.

These TMDL performance standards may be implemented outside your jurisdictional boundary but shall be implemented within the identified TMDL Project watershed in Appendix A.

- vi. Your annual report shall document the following:
  - a. Number of applicable sites in your jurisdiction requiring post-construction controls for the reporting year;
  - b. Number of pre-construction SWP3 reviews and approvals for post-construction runoff controls;
  - c. Number of inspections verifying that post-construction runoff controls were built per requirements;
  - d. Number of enforcement actions taken for failure to adequately install post-construction runoff controls and the number of enforcement actions taken for failure to maintain;
  - e. Number of long-term O&M plans developed and agreements in place for post-construction runoff controls;
  - f. Number of long-term O&M inspections performed on post-construction controls (number performed by MS4 and number performed privately); and
  - g. If applicable, summary of activities taken to satisfy your post-construction storm water management program TMDL performance standard.

## **6. Pollution Prevention/Good Housekeeping for Municipal Operations**

- a. You shall develop and implement an O&M program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations;

- b. Using training materials that are available from Ohio EPA or other organizations, your program shall include employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance; and
- c. You shall include a list of industrial facilities you own or operate that are subject to Ohio EPA's NPDES Industrial Storm Water General Permit (OHR000006) or individual NPDES permits for discharges of storm water associated with industrial activity that ultimately discharge to your small MS4. Include the Ohio permit number or a copy of the Industrial NOI for each facility. For your municipal facilities that conduct activities described in 40 CFR 122.26(b)(14) that are not required to obtain Industrial Storm Water General Permit coverage, including vehicle maintenance facilities, bus terminals, composting facilities, impoundment lots and waste transfer stations, a Storm Water Pollution Prevention Plan (SWPPP) shall be developed and implemented in accordance with the SWP3 requirements of OHR000006.
- d. Decision process. You shall document your decision process for the development of a pollution prevention/good housekeeping program for municipal operations. Your rationale statement shall address both your overall pollution prevention/good housekeeping program and the individual BMPs, measurable goals, and responsible persons for your program. The rationale statement shall include the following information, at a minimum:
  - i. Your operation and maintenance program to prevent or reduce pollutant runoff from your municipal operations. Your program shall specifically list the municipal operations that are impacted by this O&M program.
  - ii. Any government employee training program you will use to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance. Describe any existing, available materials you plan to use. Describe how this training program will be coordinated with the outreach programs developed for the public information minimum measure and the illicit discharge minimum measure.
  - iii. Your program description shall specifically address the following areas:
    - 1. Maintenance activities, maintenance schedules, and long-term inspection procedures for controls to reduce floatables and other pollutants to your small MS4.
    - 2. Controls for reducing or eliminating the discharge of pollutants from streets, roads, highways, municipal parking lots, maintenance and storage yards, waste transfer stations, fleet or maintenance shops with outdoor storage areas, and salt/sand handling and storage locations and snow disposal areas you operate. A description of the materials used for roadway and municipal parking lot winterization (use of salt, sand, bottom ash, etc. or combination thereof), associated application rates, and the rationale for the selected application rates shall be included. Also identify controls or practices to be used for reducing or eliminating discharges of pollutants resulting from roadway and municipal parking lot winterization activities.
    - 3. Procedures for the proper management and disposal of waste removed from your small MS4 and your municipal operations, including dredge spoil, accumulated sediments, floatables, street sweepings/catch basin cleanings and other debris.
    - 4. Procedures to ensure that new flood management projects are assessed for impacts on water quality and existing projects are assessed for incorporation of additional water quality protection devices or practices.

- iv. Who is responsible for overall management and implementation of your pollution prevention/good housekeeping program and, if different, who is responsible for each of the BMPs identified for this program.
  - v. How you will evaluate the success of this minimum measure, including how you selected the measurable goals for each of the BMPs.
- e. *Performance Standards.* Your pollution prevention/good housekeeping program, at a minimum, shall include:
- i. An annual employee training.
  - ii. Your O&M program shall include appropriate documented procedures, controls, maintenance schedules and recordkeeping to address Part III.B.6.d.iii of this permit.
  - iii. Your salt piles shall be covered with no run-on and subsequent run-off of salt. All tanks of brine or other liquid road treatments shall have secondary containment or alternatively bollard or barrier protection. This performance standard shall be completed no later than two (2) years after the effective date of this permit for small MS4s renewing coverage under this permit.
  - iv. For areas of soil disturbance associated with ditch/MS4 maintenance caused by the small MS4, soil stabilization shall, at a minimum, be initiated in accordance with the time frames specified in the following table:

Ditch/MS4 Maintenance Areas	Time Frame to Initiate Soil Stabilization
Not within 50 feet of a surface water of the State	Within 7 days of reaching final grade or within the first 7 days if a disturbed area will remain inactive for over 14 days.
Within 50 feet of a surface water of the State	Within 2 days of reaching final grade or within 2 days if the area is to remain inactive for over 14 days.

Implementation of this performance standard shall commence no later than two (2) years after the effective date of this permit for small MS4s renewing coverage under this permit.

- v. For ODOT and OTIC, these two non-traditional small MS4s shall develop and implement a roadside litter collection program and document the amount of trash collected and properly disposed. Such documentation shall be included within annual report.
- vi. TMDL Performance Standard (see Appendix A). If your small MS4 discharges to a watershed with a U.S. EPA approved TMDL and any of the following pollutants are identified for your small MS4:
  - Total Suspended Solids (Includes Sediment and Siltation);
  - Nutrients (Includes Phosphorus, Nitrogen and Ammonia);
  - E. coli
  - Bacteria;
  - Metals; or
  - Dissolved Oxygen and Organic Enrichment

Your pollution prevention/good housekeeping program shall include, at a minimum, one of the following performance standards. Implementation of this permit requirement shall

commence no later than two (2) years after the effective date of this permit for small MS4s renewing coverage under this permit.

1. Develop and implement a street sweeping program with proper debris management and disposal. Your program shall document debris collected to prioritize areas to sweep and/or document lane miles swept. At a minimum, sweeping shall occur on curbed streets two times per year; or
  2. Develop and implement a catch basin cleaning program with proper debris management and disposal. Your program shall document debris collected to prioritize areas to clean. At a minimum, catch basins shall be scheduled to be cleaned once every five years; or
  3. Develop and implement a leaf/yard waste collection program; or
  4. For small MS4 facilities that do not require NPDES industrial storm water general permit coverage but require a SWPPP in accordance with Part III.B.6.c of this permit, conduct routine facility inspections for these facilities at least quarterly (i.e., once each calendar quarter). You shall document the findings of each routine facility inspection performed and maintain this documentation onsite with your SWPPP. At a minimum, your documentation of each routine facility inspection shall include:
    - The inspection date and time;
    - The name(s) and signature(s) of the inspector(s);
    - Weather information and a description of any discharges occurring at the time of the inspection;
    - Any previously unidentified discharges of pollutants from the site;
    - Any control measures needing maintenance or repairs;
    - Any failed control measures that need replacement;
    - Any incidents of failure to implement your SWPPP observed;
    - Any additional control measures needed.
- vii. Your annual report shall document the following:
- a. Summary of employee training program(s) implemented, listing topics, target pollutants and the number of employees that attended each training;
  - b. List of municipal facilities subject to your program with number of facilities inspected and the frequency of such inspections;
  - c. Document the amounts of wastes properly disposed from your small MS4 and your municipal operations, including the disposal location;
  - d. Document whether your road salt storage is covered, tons of salt used, gallons of brine used (and concentration), lane miles treated and measures taken to minimize usage;
  - e. Document the gallons used of pesticides and herbicides and measures taken to minimize usage;
  - f. Document the pounds used of fertilizer and measures taken to minimize usage;
  - g. Document the amount of street sweeping and catch basin cleaning material collected and properly disposed, including disposal location;

- h. Summarize any new or existing flood management projects that were assessed for possible impacts on water quality; and
- i. If applicable, summary of activities taken to satisfy your pollution prevention good housekeeping program TMDL performance standard.

### **C. Sharing Responsibility**

Implementation of one or more of the minimum measures may be shared with another entity, or another entity may fully implement the measure on your behalf. You may rely on another entity only if:

1. The other entity, in fact, implements all or part of the control measure;
2. The particular control measure, or component of that measure, is at least as stringent as the corresponding permit requirement; and
3. The other entity agrees to implement the control measure on your behalf. There shall be written acceptance of this obligation. This obligation shall be maintained as part of your SWMP. If the other entity agrees to report on the minimum measure, you shall supply the other entity with the reporting requirements contained in Part IV.C of this permit. If the other entity fails to implement the control measure on your behalf, then you remain liable for any discharges due to that failure to implement.

### **D. Reviewing and Updating Storm Water Management Programs**

1. SWMP Review: You shall do an annual review of your SWMP in conjunction with preparation of the annual report required under Part IV.C of this permit.
2. SWMP Update: You may change your SWMP during the life of the permit in accordance with the following procedures:
  - a. Changes adding (but not subtracting or replacing) components, controls, or requirements to the SWMP may be made at any time upon written notification to Ohio EPA.
  - b. Changes replacing an ineffective or infeasible BMP specifically identified in the SWMP with an alternate BMP may be requested at any time. Unless denied by Ohio EPA, changes proposed in accordance with the criteria below shall be deemed approved and may be implemented 60 days from submittal of the request. If the request is denied, Ohio EPA will send you a written response giving a reason for the decision. Your modification requests shall include the following:
    - i. An analysis of why the BMP is ineffective or infeasible (including cost prohibitive),
    - ii. Expectations on the effectiveness of the replacement BMP, and
    - iii. An analysis of why the replacement BMP is expected to achieve the goals of the BMP to be replaced.
  - c. Change requests or notifications shall be made in writing and signed in accordance with Part V.G of this permit.
3. SWMP Updates Required by Ohio EPA: Ohio EPA may require updates to the SWMP as needed to:
  - a. Address potential impacts on receiving water quality caused, or contributed to, by discharges from the MS4; or

- b. Include such other conditions deemed necessary by Ohio EPA to comply with the goals and requirements of ORC 6111 and the Clean Water Act.
  - c. Changes requested by Ohio EPA will be made in writing, set forth the time schedule for you to develop the changes, and offer you the opportunity to propose alternative program changes to meet the objective of the requested modification. All changes required by Ohio EPA will be made in accordance with OAC Chapter 3745-47.
4. Transfer of Ownership, Operational Authority, or Responsibility for SWMP Implementation: You shall implement the SWMP on all new areas added to your portion of the small MS4 (or for which you become responsible for implementation of storm water quality controls) as expeditiously as practicable, but not later than one year from addition of the new areas. Implementation may be accomplished in a phased manner to allow additional time for controls that cannot be implemented immediately. An exception to this one-year timeframe exists for requirements associated with the comprehensive storm sewer system map and dry-weather screening of storm water outfalls. If you will be unable to complete these requirements within one year from the addition of the new areas, you shall provide an alternative schedule to complete with the following annual report.
- a. Within 90 days of a transfer of ownership, operational authority, or responsibility for SWMP implementation, you shall have a plan for implementing your SWMP on all affected areas. The plan may include schedules for implementation. Information on all new annexed areas and any resulting updates required to the SWMP shall be included in the annual report.
  - b. Only those portions of the SWMPs specifically required as permit conditions shall be subject to modification. Addition of components, controls, or requirements by the permittee(s) and replacement of an ineffective or infeasible BMP implementing a required component of the SWMP with an alternate BMP expected to achieve the goals of the original BMP shall be considered minor changes to the SWMP and not modifications to the permit.

#### **PART IV. EVALUATING, RECORD KEEPING AND REPORTING**

##### **A. Evaluating**

1. You shall evaluate program compliance, the appropriateness of identified BMPs, and progress toward achieving identified measurable goals and satisfying performance standards.

##### **B. Record Keeping**

1. You shall retain copies of all reports and documents required by this permit, a copy of the NPDES permit, and records of all data used to complete the NOI for this permit, for a period of at least three years from the date of the report, document or application, or for the term of this permit, whichever is longer. This period may be extended by request of Ohio EPA at any time.
2. You shall submit your records to Ohio EPA only when specifically asked to do so. You shall retain the SWMP required by this permit (including a copy of the permit language) at a location accessible to Ohio EPA. You shall make your records, including the NOI, annual reports and the SWMP, available to the public if requested by the public or Ohio EPA to do so in writing.

##### **C. Reporting**

You shall submit annual reports to the director by the first day of April for each year that this permit is in effect. If you had coverage under the previous version of this permit you shall submit your 2020 annual report by April 1, 2021. Each report shall cover the period from January through December of the previous year. You shall submit your reports using Ohio EPA's electronic Small MS4 annual report which is available through the Ohio EPA eBusiness Center at <https://ebiz.epa.ohio.gov/>. The report shall include:



1. A most recent Table of Organization for program development and implementation, including a primary point of contact with contact information;
2. The status of your compliance with permit conditions and performance standards, an assessment of the appropriateness of the identified BMPs, progress toward achieving the statutory goal of reducing the discharge of pollutants to the MEP, and the measurable goals for each of the minimum control measures. The report shall also include a summary of the specific annual reporting requirements identified for each minimum control measure in Part III.B.1.c.v, Part III.B.2.c.iii, Part III.B.3.j.vii, Part III.B.4.c.v, Part III.B.5.f.vi and Part III.B.6.e.vii;
3. Results of information collected and analyzed, if any, during the reporting period, including monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP;
4. A summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule);
5. Proposed changes to your SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements; and
6. Identify and summarize any variances granted under your storm water program regulations and requirements.

## **PART V. STANDARD PERMIT CONDITIONS**

### **A. Duty to Comply**

You shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of ORC 6111 and is grounds for enforcement action.

Ohio law imposes penalties and fines for persons who knowingly make false statements or knowingly swear or affirm the truth of a false statement previously made.

### **B. Continuation of the Expired General Permit**

An expired general permit continues in force and effect until a new general permit is issued.

### **C. Need to Halt or Reduce Activity Not a Defense**

It shall not be a defense for you in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

### **D. Duty to Mitigate**

You shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

### **E. Duty to Provide Information**

You shall furnish to the director, within seven days or as indicated in the written request, any information which the director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. You shall also furnish to the director upon request copies of records required to be kept by this permit.

**F. Other Information**

If you become aware that you failed to submit any relevant facts or submitted incorrect information in the NOI, SWMP, or in any other report to the director, you shall promptly submit such facts or information.

**G. Signatory Requirements**

All NOIs, SWMPs, reports, certifications or information submitted to the director shall be signed.

1. These items shall be signed as follows:
  - a. For a corporation: By a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:
    - i. A president, secretary, treasurer or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or
    - ii. The manager of one or more manufacturing, production or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can assure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;
  - b. For a partnership or sole proprietorship: By a general partner or the proprietor, respectively; or
  - c. For a municipality, State, Federal or other public agency; by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes: (1) the chief executive officer of the agency, or (2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of U.S. EPA).
2. All reports required by the permits and other information requested by the director shall be signed by a person described in Part V.G.1 of this permit or by a duly authorized representative of that person. A person is a duly authorized representative only if:
  - a. The authorization is made in writing by a person described in Part V.G.1 of this permit and submitted to the director;
  - b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position); and
  - c. The written authorization is submitted to the director.
3. *Changes to authorization.* If an authorization under Part V.G.2 of this permit is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Part V.G.2 of this permit must be submitted to director prior to or together with any reports, information or applications to be signed by an authorized representative.

4. *Certification.* Any person signing documents under Parts V.G.1 or V.G.2 of this permit shall make the following certification:

"I 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."

5. *Falsification.* Ohio law imposes penalties and fines for persons who knowingly make false statements or knowingly swear or affirm the truth of a false statement previously made.

#### **H. Property Rights**

The issuance of this permit does not convey any property rights of any sort, nor any exclusive privilege, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

#### **I. Proper Operation and Maintenance**

You shall, at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by you to achieve compliance with the conditions of this permit and with the conditions of your SWMP. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance requires the operation of backup or auxiliary facilities or similar systems, installed by you only when the operation is necessary to achieve compliance with the conditions of this permit.

#### **J. Inspection and Entry**

You shall allow Ohio EPA or an authorized representative upon the presentation of credentials and other documents as may be required by law, to do any of the following:

1. Enter your premises at reasonable times where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this permit;
2. Have access to and copy at reasonable times, any records that must be kept under the conditions of this permit;
3. Inspect at reasonable times any facilities or equipment (including monitoring and control equipment) practices, or operations regulated or required under this permit; and
4. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

#### **K. Permit Actions**

This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

#### **L. Permit Transfers**

Permit transfers shall be in accordance with OAC 3745-38-02(K).

**M. Anticipated Noncompliance**

You shall give advance notice to Ohio EPA of any planned changes in the permitted small MS4 or activity which may result in noncompliance with this permit.

**N. State Environmental Laws**

No condition of this permit shall release you from any responsibility or requirements under other environmental statutes or regulations.

**O. Severability**

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

**P. Procedures for Modification or Revocation**

Permit modification or revocation will be conducted in accordance with OAC Chapter 3745-38.

**Q. Requiring an Individual Permit or an Alternative General Permit**

1. *Request by permitting authority.* Ohio EPA may require any person authorized by this permit to apply for and/or obtain either an individual NPDES permit or coverage under an alternative NPDES general permit. Any interested person may petition Ohio EPA to take action under this paragraph. Where Ohio EPA requires you to apply for an individual NPDES permit or coverage under an alternative NPDES general permit, Ohio EPA will notify you in writing that a permit application is required. This notification shall include a brief statement of the reasons for this decision, an application form, a statement setting a deadline for you to file the application, and a statement that on the effective date of issuance or denial of the individual NPDES permit or the alternative NPDES general permit coverage as it applies to the individual permittee, coverage under this general permit shall automatically terminate. Ohio EPA may grant additional time to submit the application upon request of the applicant. If you fail to submit in a timely manner an individual NPDES permit application or an NOI for coverage under an alternative NPDES general permit as required by Ohio EPA under this paragraph, then the applicability of this permit to you is automatically terminated at the end of the day specified by Ohio EPA for application submittal.
2. *Request by permittee.* Any discharger authorized by this permit may request to be excluded from the coverage of this permit by applying for an individual permit. In such cases, you must submit an individual application in accordance with the requirements of OAC Chapter 3745-33, with reasons supporting the request, to Ohio EPA. The request may be granted by issuance of any individual permit or an alternative general permit if the reasons cited by you are adequate to support the request.
3. *General permit coverage termination.* When an individual NPDES permit is issued to a discharger otherwise subject to this permit, or you are authorized to discharge under an alternative NPDES general permit, the applicability of this permit to the MS4 is automatically terminated on the effective date of the individual permit or the date of authorization of coverage under the alternative general permit, whichever the case may be. When an individual NPDES permit is denied to an operator otherwise subject to this permit, or the operator is denied for coverage under an alternative NPDES general permit, the applicability of this permit to the MS4 is automatically terminated on the date of such denial, unless otherwise specified by Ohio EPA.

**R. Oil and Hazardous Substance Liability**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject

under section 311 of the CWA or 40 CFR Part 112. 40 CFR Part 112 establishes procedures, methods and equipment and other requirements for equipment to prevent the discharge of oil from non-transportation-related onshore and offshore facilities into or upon the navigable surface waters of the state or adjoining shorelines.

**S. Duty to Reapply**

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new coverage under the terms of the renewal general permit.

**T. Bypass**

The provisions of 40 CFR Section 122.41(m), relating to "Bypass," are specifically incorporated herein by reference in their entirety. For definition of "Bypass," see Part VI.

**U. Upset**

The provisions of 40 CFR Section 122.41(n), relating to "Upset," are specifically incorporated herein by reference in their entirety. For definition of "Upset," see Part VI.

**V. Monitoring and Records**

The provisions of 40 CFR Section 122.41(j), relating to "Monitoring and Records," are specifically incorporated herein by reference in their entirety.

**W. Reporting Requirements**

The provisions of 40 CFR Section 122.41(l), relating to "Reporting Requirements," are specifically incorporated herein by reference in their entirety.

**PART VI. DEFINITIONS**

All definitions contained in Section 502 of the Act and 40 CFR 122 shall apply to this permit and are incorporated herein by reference. For convenience, simplified explanations of some regulatory/statutory definitions have been provided, but in the event of a conflict, the definition found in the Statute or Regulation takes precedence.

Please see the following web site for Federal and State laws related to Ohio EPA's Division of Surface Water: <http://epa.ohio.gov/dsw/dswrules.aspx>.

Please see the following web site for Storm Water Program forms and other guidance documents associated with this general permit: <http://epa.ohio.gov/dsw/storm/index.aspx>.

*Best Management Practices (BMPs)* means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of surface waters of the state. BMPs also include treatment requirements, operating procedures, and practices to control runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. For guidance, please see U.S. EPA's National Menu of BMPs at <http://water.epa.gov/polwaste/npdes/swbmp/index.cfm>.

Bypass means the intentional diversion of waste streams from any portion of a treatment facility.

Control *Measure*, as used in this permit, refers to any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to surface waters of the state.

CWA or *The Act* means the Clean Water Act (formerly referred to as the Federal Water Pollution Control Act or Federal Water Pollution Control Act Amendments of 1972) Pub.L. 92-500, as amended Pub. L. 95-217, Pub. L. 95-576, Pub. L. 96-483 and Pub. L. 97-117, 33 U.S.C. 1251 et. seq.

*Director* means the director of the Ohio Environmental Protection Agency.

*Discharge*, when used without a qualifier, refers to “discharge of a pollutant” as defined at 40 CFR 122.2.

*Green Infrastructure* means wet weather management approaches and technologies that utilize, enhance or mimic the natural hydrologic cycle processes of infiltration, evapotranspiration and reuse. For guidance, please see <http://water.epa.gov/infrastructure/greeninfrastructure/>.

*Illicit Connection* means any man-made conveyance connecting an illicit discharge directly to a municipal separate storm sewer.

*Illicit Discharge* is defined at 40 CFR 122.26(b)(2) and refers to any discharge to a municipal separate storm sewer that is not entirely composed of storm water, except discharges authorized under an NPDES permit (other than the NPDES permit for discharges from the MS4) and discharges resulting from non-planned fire-fighting activities.

*Large MS4* means all municipal separate storm sewer systems that are located in an incorporated place with a population of two hundred fifty thousand or more as determined by the 1990 census by the United States bureau of census.

*Larger Common Plan of Development or Sale* means a contiguous area where multiple separate and distinct construction activities may be taking place at different times on different schedules under one plan.

*Medium MS4* means all municipal separate storm sewer systems that are located in an incorporated place with a population of one hundred thousand or more, but less than two hundred fifty thousand as determined by the 1990 census by the United States bureau of census.

*MEP* is an acronym for "Maximum Extent Practicable," the technology-based discharge standard for Municipal Separate Storm Sewer Systems to reduce pollutants in storm water discharges that was established by CWA §402(p). A discussion of MEP as it applies to small MS4s is found at 40 CFR 122.34.

*MS4* means municipal separate storm sewer system which means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) that are:

- Owned or operated by the federal government, state, municipality, township, county, district, or other public body (created by or pursuant to state or federal law) including special district under state law such as a sewer district, flood control district or drainage districts, or similar entity, or a designated and approved management agency under section 208 of the act that discharges into surface waters of the state; and
- Designed or used for collecting or conveying solely storm water,
- Which is not a combined sewer, and
- Which is not a part of a publicly owned treatment works.

*NOI* is an acronym for “Notice of Intent” which means the mechanism used to “register” for coverage under a general permit.

*Non-traditional MS4* means systems similar to separate storm sewer systems in municipalities, such as systems at military bases, hospitals, public universities or prison complexes, and highways and other thoroughfares. The term does not include separate storm sewer systems in very discrete areas such as individual buildings.

*Off-Lot Home Sewage Treatment System (HSTS)* means a system designed to treat home sewage on-site and discharges treated wastewater off-lot.

*Ohio EPA* means the Ohio Environmental Protection Agency.

*On-Lot Home Sewage Treatment System (HSTS)* means a system designed to treat home sewage on-lot with no discharges leaving the lot.

*Outfall from an MS4* means a point source at the point where a municipal separate storm sewer discharges to surface waters of the state and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels or other conveyances that connect segments of the same stream or other surface waters of the state and are used to convey waters of the state.

*Small MS4* means all municipal separate storm sewer systems that are neither a large MS4 nor a medium MS4.

Storm Water is defined at 40 CFR 122.26(b)(13) and means storm water runoff, snow melt runoff, and surface runoff and drainage.

*Storm Water Management Program (SWMP)* refers to a comprehensive program to manage the quality of storm water discharged from the municipal separate storm sewer system.

*Surface Waters of the state* means all streams, lakes, reservoirs, ponds, marshes, wetlands, or other waterways which are situated wholly or partly within the boundaries of the state, except those private waters which do not combine or affect a junction with a surface water. Waters defined as sewerage systems, treatment works, or disposal systems in Section 6111.01 of the ORC are not included.

*SWMP* is an acronym for "Storm Water Management Program."

*Upset* means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

"*You*" and "*Your*" as used in this permit is intended to refer to the permittee, the operator, or the discharger as the context indicates and that party's responsibilities (e.g., the city, the village, the county, the township, the flood control district, the university, etc).

**Appendix A**

The following identifies regulated MS4s that are located within a USEPA approved TMDL and the TMDL pollutant(s) for the MS4. Not included on this list are MS4s which become permitted after the effective date of this general permit (i.e., designated by Ohio EPA, 2020 Census).

If your small MS4 is identified in Appendix A, you shall develop and implement the TMDL Performance Standards within this permit for your MS4 discharges. Implementation shall occur, at a minimum, for your regulated MS4 discharges within each TMDL Project watershed identified.

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
Allen	Allen County	Ottawa River (Lima)	TP, E. coli
Allen	American Township	Ottawa River (Lima)	E. coli
Allen	Bath Township	Ottawa River (Lima)	E. coli
Allen	Elida Village	Ottawa River (Lima)	E. coli
Allen	Lima City	Ottawa River (Lima)	E. coli
Allen	OSU - Lima Regional Campus	Ottawa River (Lima)	E. coli
Allen	Perry Township	Ottawa River (Lima)	TP, E. coli
Allen	Shawnee Township	Ottawa River (Lima)	TP, E. coli
Auglaize	Cridersville Village	Ottawa River (Lima)	TP
Butler	Butler County	Mill (Ohio)	Dissolved Nitrogen, TP
		Little Miami River (lower)	E. coli
Butler	Fairfield City	Mill (Ohio)	Dissolved Nitrogen, TP
Butler	Fairfield Township	Mill (Ohio)	Dissolved Nitrogen, TP
Butler	Hamilton City	Mill (Ohio)	Dissolved Nitrogen, TP
Butler	Liberty Township	Mill (Ohio)	Dissolved Nitrogen, TP
Butler	West Chester Township	Mill (Ohio)	Dissolved Nitrogen, TP
		Little Miami River (lower)	E. coli
Clark	Clark County	Mad River	E. coli
Clark	Green Township	Mad River	E. coli
Clark	Mad River Township	Mad River	E. coli
Clark	Springfield City	Little Miami River (lower)	E. coli
		Little Miami River (upper)	TP, sediment
		Mad River	E. coli
Clark	Springfield Township	Mad River	E. coli
Champaign	Urbana City	Mad River	Nitrate
Clinton	Wilmington City	Little Miami River (lower)	E. coli, CBOD (deicing agent)



COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
Columbiana	East Liverpool City	Little Beaver Creek	TP
Columbiana	Salem City	Little Beaver Creek	TP
Crawford	Galion City	Olentangy River	TP, TSS, E. coli
Cuyahoga	Cuyahoga County	Cuyahoga River (lower)	TP, E. coli
		Rocky River	TP, Nitrogen
Cuyahoga	Beachwood City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
		Euclid Creek	TP
Cuyahoga	Bedford City	Cuyahoga River (lower)	TP, E. coli
Cuyahoga	Bedford Heights City	Cuyahoga River (lower)	TP, E. coli
Cuyahoga	Bentleyville Village	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Cuyahoga	Brecksville City	Cuyahoga River (lower)	TP, E. coli
Cuyahoga	Broadview Heights City	Cuyahoga River (lower)	TP, E. coli
Cuyahoga	Chagrin Falls Township	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Cuyahoga	Chagrin Falls Village	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Cuyahoga	Cleveland City	Euclid Creek	TP
Cuyahoga	Euclid City	Euclid Creek	TP
Cuyahoga	Gates Mills Village	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Cuyahoga	Glenwillow Village	Cuyahoga River (lower)	TP, E. coli
Cuyahoga	GRC at Lewis Field	Rocky River	TP, Nitrogen
Cuyahoga	Highland Heights City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
		Euclid Creek	TP
Cuyahoga	Independence City	Cuyahoga River (lower)	TP, E. coli
Cuyahoga	Lyndhurst City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
		Euclid Creek	TP
Cuyahoga	Maple Heights City	Cuyahoga River (lower)	TP, E. coli
Cuyahoga	Mayfield Village	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
		Euclid Creek	TP
Cuyahoga	Mayfield Heights City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
		Euclid Creek	TP
Cuyahoga	Moreland Hills Village	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Cuyahoga	North Royalton City	Cuyahoga River (lower)	TP, E. coli

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
Cuyahoga	Oakwood Village	Cuyahoga River (lower)	TP, E. coli
Cuyahoga	Olmsted Falls City	Rocky River	TP, Nitrogen
Cuyahoga	Orange Village	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
		Cuyahoga River (lower)	TP, E. coli
Cuyahoga	Pepper Pike City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Cuyahoga	Richmond Heights City	Euclid Creek	TP
Cuyahoga	Seven Hills City	Cuyahoga River (lower)	TP, E. coli
Cuyahoga	Shaker Heights City	Euclid Creek	TP
Cuyahoga	Solon City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
		Cuyahoga River (lower)	TP, E. coli
Cuyahoga	South Euclid City	Euclid Creek	TP
Cuyahoga	Walton Hills Village	Cuyahoga River (lower)	TP, E. coli
Cuyahoga	Warrensville Heights City	Cuyahoga River (lower)	TP, E. coli
Cuyahoga	Woodmere Village	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Defiance	Defiance City	Powell Creek	TP, Nitrite/Nitrate, BOD, TSS
Delaware	Berlin Township	Olentangy River	TP, TSS, E. coli
Delaware	Delaware County	Big Walnut Creek	E. coli
		Olentangy River	TP, TSS, E. coli
Delaware	Delaware City	Olentangy River	TP, TSS, E. coli
Delaware	Delaware Township	Olentangy River	TP, TSS, E. coli
Delaware	Liberty Township	Olentangy River	TP, TSS, E. coli
Delaware	Orange Township	Olentangy River	TP, TSS, E. coli
Delaware	Powell City	Olentangy River	TP, TSS, E. coli
Erie	Erie County	Huron River	TP, TSS, Nitrate+Nitrite
		Sandusky River (lower)	TSS, TP
		Sandusky Bay Tributaries	TSS
Erie	Huron City	Huron River	TP, TSS, Nitrate+Nitrite
Erie	Perkins Township	Sandusky Bay Tributaries	TSS
Erie	Sandusky City	Sandusky River (lower)	TSS, TP
Fairfield	Fairfield County	Walnut Creek	E. coli
Fairfield	Lancaster City	Hocking River	E. coli
Fairfield	Liberty Township	Walnut Creek	E. coli
Fairfield	Pickerington City	Big Walnut Creek	E. coli

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
		Walnut Creek	E. coli
Fairfield	Violet Township	Walnut Creek	E. coli
Fayette	Washington Court House City	Paint Creek	E. coli, TP
Franklin	Bexley City	Big Walnut Creek	E. coli
Franklin	Brice Village	Big Walnut Creek	E. coli
Franklin	Brown Township	Big Darby Creek	TP, E. coli
Franklin	Canal Winchester Village	Walnut Creek	E. coli
Franklin	Columbus & Franklin County Metro Park District (Blacklick Woods)	Big Walnut Creek	TP, E. coli
Franklin	Columbus & Franklin County Metro Park District (Blendon Woods)	Big Walnut Creek	E. coli
Franklin	Columbus & Franklin County Metro Park District (Highbanks)	Olentangy River	TP, TSS, E. coli
Franklin	Columbus & Franklin County Metro Park District (Inniswood)	Big Walnut Creek	E. coli
Franklin	Columbus & Franklin County Metro Park District (Pickerington Ponds)	Walnut Creek	E. coli
Franklin	Columbus & Franklin County Metro Park District (Rocky River)	Big Walnut Creek	TP, E. coli
Franklin	Columbus & Franklin County Metro Park District (Sharon Woods)	Big Walnut Creek	E. coli
Franklin	Columbus & Franklin County Metro Park District (Three Creeks)	Big Walnut Creek	E. coli
Franklin	Columbus & Franklin County Metro Park District (Walnut Woods)	Walnut Creek	E. coli
Franklin	Defense Supply Center Columbus	Big Walnut Creek	TP, E. coli
Franklin	Franklin County	Big Darby Creek	TP, E. coli
		Big Walnut Creek	TP, E. coli
		Olentangy River	TP, E. coli, TSS
		Walnut Creek	E. coli
Franklin	Gahanna City	Big Walnut Creek	TP, E. coli
Franklin	Grandview Heights City	Olentangy River	TP, E. coli, TSS

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
Franklin	Hilliard City	Big Darby Creek	TP, E. coli
Franklin	Jefferson Township	Big Walnut Creek	TP, E. coli
Franklin	Madison Township	Walnut Creek	E. coli
Franklin	New Albany Village	Big Walnut Creek	TP, E. coli
Franklin	Norwich Township	Big Darby Creek	TP, E. coli
Franklin	OSU Main Campus	Olentangy River	TP, TSS, E. coli
Franklin	Perry Township	Olentangy River	TP, TSS, E. coli
Franklin	Plain Township	Big Walnut Creek	TP, E. coli
Franklin	Pleasant Township	Big Darby Creek	TP, E. coli
Franklin	Prairie Township	Big Darby Creek	TP, E. coli
Franklin	Reynoldsburg City	Big Walnut Creek	E. coli
Franklin	Riverlea Village	Olentangy River	TP, TSS, E. coli
Franklin	Sharon Township	Olentangy River	TP, TSS, E. coli
Franklin	Upper Arlington City	Olentangy River	TP, TSS, E. coli
Franklin	Westerville City	Big Walnut Creek	E. coli
Franklin	Whitehall City	Big Walnut Creek	E. coli
Franklin	Worthington City	Olentangy River	TP, TSS, E. coli
Geauga	Bainbridge Township	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli,
		Cuyahoga River (lower)	TP, E. coli
		Cuyahoga River (upper)	TP
Geauga	Chester Township	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli,
Geauga	Geauga County	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli,
		Cuyahoga River (upper)	TP
		Grand River (lower)	E. coli
		Cuyahoga River (lower)	TP, E. coli
Geauga	Russell Township	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli,
Geauga	South Russell Village	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli,
Greene	Bath Township	Little Miami River (upper)	TP, Sediment
Greene	Beavercreek City	Little Miami River (upper)	TP, Sediment
Greene	Beavercreek Township	Little Miami River (upper)	TP, Sediment
Greene	Bellbrook City	Little Miami River (upper)	TP, Sediment
Greene	Fairborn City	Little Miami River (upper)	TP, Sediment
Greene	Greene County	Little Miami River (upper)	TP, Sediment
Greene	Xenia City	Little Miami River (upper)	TP, Sediment

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
Greene	Xenia Township	Little Miami River (upper)	TP, Sediment
Hamilton	Amberley Village	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Anderson Township	Little Miami River (lower)	CBOD (deicing agent), E. coli
Hamilton	Arlington Heights Village	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Blue Ash City	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Cheviot City	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Cincinnati City	Little Miami River (lower)	TSS, CBOD (deicing agent), E. coli
		Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Colerain Township	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Columbia Township	Little Miami River (lower)	TSS
Hamilton	Deer Park City	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Elmwood Place Village	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Evendale Village	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Fairfax Village	Little Miami River (lower)	TSS
Hamilton	Forest Park City	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Glendale Village	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Golf Manor Village	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Great Parks of Hamilton County (Armleder)	Little Miami River (lower)	Sediment, TSS
Hamilton	Great Parks of Hamilton County (Glenwood Gardens)	Mill Creek	Dissolved Nitrogen, TP
Hamilton	Great Parks of Hamilton County (Winton Woods)	Mill Creek	Dissolved Nitrogen, TP
Hamilton	Green Hills Village	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Green Township	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Hamilton County	Little Miami River (lower)	TSS, CBOD (deicing agent), E. coli
		Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Lincoln Heights Village	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Lockland Village	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Montgomery City	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Mount Healthy City	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	North College Hill City	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Norwood City	Mill (Ohio)	Dissolved Nitrogen, TP
		Little Miami River (lower)	TSS
Hamilton	Reading City	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Saint Bernard City	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Sharonville City	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Silverton City	Mill (Ohio)	Dissolved Nitrogen, TP

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
		Little Miami River (lower)	TSS
Hamilton	Springdale City	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Springfield Township	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Sycamore Township	Little Miami River (lower)	E. coli
		Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Symmes Township	Little Miami River (lower)	E. coli
Hamilton	Woodlawn Village	Mill (Ohio)	Dissolved Nitrogen, TP
Hamilton	Wyoming City	Mill (Ohio)	Dissolved Nitrogen, TP
Hancock	Findlay City	Blanchard River	TP, E. coli
		Portage River	TP, E. coli
Huron	Norwalk City	Huron River	TP, TSS, Nitrate+Nitrite
Lake	Concord Township	Grand River (lower)	E. coli
Lake	Fairport Harbor Village	Grand River (lower)	E. coli
Lake	Grand River Village	Grand River (lower)	E. coli
Lake	Kirtland City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Lake	Lake County	Grand River (lower)	TP, E. coli
Lake	Madison Township	Grand River (lower)	E. coli
Lake	Mentor City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Lake	Painesville City	Grand River (lower)	E. coli
Lake	Painesville Township	Grand River (lower)	TP, E. coli
Lake	Perry Village	Grand River (lower)	TP, E. coli
Lake	Perry Township	Grand River (lower)	TP, E. coli
Lake	Wickliffe City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Lake	Willoughby City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
		Euclid Creek	TP
Lake	Willoughby Hills City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Licking	Etna Township	Walnut Creek	E. coli
Licking	Licking County	Big Walnut Creek	E. coli
		Walnut Creek	E. coli
Licking	Pataskala City	Big Walnut Creek	E. coli
		Walnut Creek	E. coli

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
Logan	Bellefontaine City	Great Miami River (upper)	E. coli
Lorain	Carlisle Township	Black River	TP, Nitrate, TSS
Lorain	Elyria City	Black River	TP, Nitrate, TSS
Lorain	Elyria Township	Black River	TP, Nitrate, TSS
Lorain	Grafton Village	Black River	TP
Lorain	Lorain County	Black River	TP, Nitrate, TSS
		Rocky River	TP, Nitrogen
Lorain	North Ridgeville City	Black River	TP
Lorain	Oberlin City	Black River	TP, Nitrate, TSS
Lucas	Holland Village	Swan Creek	Nitrite/Nitrate, TSS, E. coli, Total Aluminum, Benzo[a] pyrene, Ammonia, Dieldrin
Lucas	Lucas County	Maumee (lower) and Lake Erie tributaries	TSS, TP, Nitrate, E. coli
		Swan Creek	TP, Nitrite/Nitrate, TSS, E. coli, Total Aluminum, Benzo[a] pyrene, Ammonia, Dissolved Solids, Strontium, Dieldrin
Lucas	Maumee City	Maumee (lower) and Lake Erie tributaries	TP, Nitrate, E. coli
		Swan Creek	TP, Nitrite/Nitrate, TSS, E. coli, Total Aluminum, Ammonia, Dissolved Solids, Strontium, Dieldrin
Lucas	Monclova Township	Swan Creek	Nitrite/Nitrate, TSS, E. coli, Total Aluminum, Benzo[a] pyrene, Dieldrin
Lucas	Oregon City	Maumee (lower) and Lake Erie tributaries	TSS, TP, E. coli
Lucas	Spencer Township	Swan Creek	Nitrite/Nitrate, TSS, E. coli, Total Aluminum, Benzo[a] pyrene, Dieldrin
Lucas	Springfield Township	Swan Creek	Nitrite/Nitrate, TSS, E. coli, Total Aluminum, Benzo[a] pyrene, Dieldrin
Lucas	Waterville Township	Swan Creek	Nitrite/Nitrate, TSS, E. coli, Total Aluminum, Benzo[a] pyrene
Lucas	Waterville Village	Swan Creek	Nitrite/Nitrate, TSS, E. coli, Total Aluminum, Dieldrin
Mahoning	New Middletown Village	Little Beaver Creek	TP, Ammonia

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
		Mahoning River	E. coli
Mahoning	Austintown Township	Mahoning River	E. coli
Mahoning	Beaver Township	Mahoning River	E. coli
Mahoning	Boardman Township	Mahoning River	E. coli
Mahoning	Campbell City	Mahoning River	E. coli
Mahoning	Canfield City	Mahoning River	E. coli
Mahoning	Lowellville Village	Mahoning River	E. coli
Mahoning	Mahoning County	Mahoning River	E. coli
Mahoning	Poland Township	Mahoning River	E. coli
Mahoning	Poland Village	Mahoning River	E. coli
Mahoning	Springfield Township	Mahoning River	E. coli
Mahoning	Struthers City	Mahoning River	E. coli
Mahoning	Youngstown City	Mahoning River	E. coli
Marion	Marion City	Olentangy River	TP, TSS, E. coli
Medina	Guilford Township	Tuscarawas River	TP, E. coli
Medina	Medina County	Cuyahoga River (lower)	TP, E. coli
		Tuscarawas River	TP, E. coli
Medina	Wadsworth City	Tuscarawas River	E. coli
Medina	Wadsworth Township	Tuscarawas River	TP, E. coli
Mercer	Celina City	Beaver Creek and Grand Lake St. Marys Watershed	TP, Nitrate/Nitrogen, E. coli
Miami	Miami County	Stillwater River	TP
Miami	West Milton City	Stillwater River	TP
Montgomery	Centerville City	Little Miami River (upper)	TP, Sediment
Montgomery	Clay Township	Stillwater River	TP
Montgomery	Clayton City	Stillwater River	TP
Montgomery	Englewood City	Stillwater River	TP
Montgomery	Kettering City	Little Miami River (upper)	TP, Sediment
Montgomery	Montgomery County	Stillwater River	TP
		Little Miami River (upper)	TP, Sediment
Montgomery	Oakwood City	Little Miami River (upper)	TP, Sediment
Montgomery	Riverside City	Little Miami River (upper)	TP, Sediment
Montgomery	Union City	Stillwater River	TP
Montgomery	Vandalia City	Stillwater River	TP



COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
Ottawa	Allen Township	Maumee (lower) and Lake Erie tributaries	TP, TSS, E. coli
Ottawa	Clay Township	Maumee (lower) and Lake Erie tributaries	TP, Ammonia, E. coli
Ottawa	Ottawa County	Maumee (lower) and Lake Erie tributaries	TP, Ammonia, TSS, E. coli
Portage	Aurora City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
		Cuyahoga River (lower)	TP, E. coli
		Cuyahoga River (middle and upper)	TP
Portage	Brady Lake Village	Cuyahoga River (middle and upper)	TP
Portage	Brimfield Township	Cuyahoga River (middle and upper)	TP
Portage	Franklin Township	Cuyahoga River (lower)	TP, E. coli
		Cuyahoga River (middle and upper)	TP
Portage	Kent City	Cuyahoga River (middle and upper)	TP
Portage	Kent State University at Kent	Cuyahoga River (lower)	TP, E. coli
Portage	Portage County	Cuyahoga River (lower)	TP, E. coli
		Cuyahoga River (middle and upper)	TP
		Mahoning River (upper)	E. coli, TP
		Tuscarawas River	E. coli
		Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
Portage	Ravenna City	Cuyahoga River (middle and upper)	TP
		Mahoning River (upper)	E. coli, TP
Portage	Ravenna Township	Cuyahoga River (middle and upper)	TP
		Mahoning River (upper)	E. coli, TP
Portage	Rootstown Township	Cuyahoga River (middle and upper)	TP
		Mahoning River (upper)	TP
Portage	Streetsboro City	Chagrin River	TP, Nitrate/Nitrogen, TSS, E. coli
		Cuyahoga River (lower)	TP, E. coli
		Cuyahoga River (middle and upper)	TP
Portage	Sugar Bush Knolls Village	Cuyahoga River (middle and upper)	TP
Seneca	Fostoria City	Portage River	TP, E. coli
Shelby	Sidney City	Great Miami River (upper)	E. coli
Stark	Alliance City	Mahoning River (upper)	E. coli
Stark	Canton City	Nimishillen Creek	E. coli

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
Stark	Canton Township	Nimishillen Creek	E. coli
Stark	Hartville Village	Cuyahoga River (middle and upper)	TP
		Tuscarawas River	E. coli
Stark	Jackson Township	Nimishillen Creek	E. coli
Stark	Kent State University - Stark Campus	Nimishillen Creek	E. coli
Stark	Lake Township	Cuyahoga River (middle and upper)	TP
		Nimishillen Creek	E. coli
		Tuscarawas River	E. coli
Stark	Lawrence Township	Tuscarawas River	E. coli
Stark	Louisville City	Nimishillen Creek	E. coli
Stark	Massillon City	Tuscarawas River	E. coli, TP
Stark	Navarre Village	Tuscarawas River	E. coli, TP
Stark	Nimishillen Township	Nimishillen Creek	E. coli
Stark	North Canton City	Nimishillen Creek	E. coli
Stark	Perry Township	Nimishillen Creek	E. coli
		Tuscarawas River	E. coli, TP
Stark	Plain Township	Nimishillen Creek	E. coli
Stark	Stark County	Cuyahoga River (middle and upper)	TP
		Mahoning River (upper)	E. coli
		Nimishillen Creek	E. coli
		Tuscarawas River	E. coli, TP
Summit	Barberton City	Tuscarawas River	E. coli
Summit	Bath Township	Cuyahoga River (lower)	TP, E. coli
Summit	Boston Heights Village	Cuyahoga River (lower)	TP, E. coli
Summit	Boston Township	Cuyahoga River (lower)	TP, E. coli
Summit	Copley Township	Tuscarawas River	TP, E. coli
Summit	Cuyahoga Falls City	Cuyahoga River (lower)	TP, E. coli
Summit	Fairlawn City	Cuyahoga River (lower)	TP, E. coli
Summit	Hudson City	Cuyahoga River (lower)	TP, E. coli
Summit	Macedonia City	Cuyahoga River (lower)	TP, E. coli
Summit	Northfield Center Township	Cuyahoga River (lower)	TP, E. coli
Summit	Norton City	Tuscarawas River	E. coli
Summit	Reminderville Village	Cuyahoga River (lower)	TP, E. coli
Summit	Richfield Township	Cuyahoga River (lower)	TP, E. coli
Summit	Richfield Village	Cuyahoga River (lower)	TP, E. coli
Summit	Sagamore Hills Township	Cuyahoga River (lower)	TP, E. coli
Summit	Springfield Township	Tuscarawas River	E. coli
Summit	Stow City	Cuyahoga River (lower)	TP, E. coli

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
Summit	Summit County	Cuyahoga River (lower)	TP, E. coli
		Nimishillen Creek	E. coli
		Tuscarawas River	TP, E. coli
Summit	Summit County Metro Parks (Cascade Valley North, Cascade Valley South, Deep Lock Quarry, F.A. Seiberling, Furnace Run, Goodyear Heights, Gorge, Hampton Hills, Liberty Park, Munroe Falls, O'Neil Woods, Sand Run, Wood Hollow)	Cuyahoga River (lower)	TP, E. coli
Summit	Summit County Metro Parks (Springfield Bog)	Cuyahoga River (lower)	TP
		Tuscarawas River	E. coli
Summit	Summit County Metro Parks (Silver Creek)	Tuscarawas River	E. coli
Summit	Twinsburg City	Cuyahoga River (lower)	TP, E. coli
Summit	Twinsburg Township	Cuyahoga River (lower)	TP, E. coli
Trumbull	Bazetta Township	Mahoning River (bacteria)	E. coli
Trumbull	Champion Township	Grand River (upper)	E. coli, Nitrogen
		Mahoning River (upper)	E. coli, TP
		Mahoning River (bacteria)	E. coli
Trumbull	Girard City	Mahoning River	E. coli
Trumbull	Howland Township	Mahoning River (bacteria)	E. coli
Trumbull	Hubbard Township	Mahoning River (bacteria)	E. coli
Trumbull	Liberty Township	Mahoning River (bacteria)	E. coli
Trumbull	McDonald Village	Mahoning River	E. coli
Trumbull	Newton Falls City	Mahoning River (upper)	TP
		Mahoning River	E. coli
Trumbull	Newton Township	Mahoning River (upper)	E. coli, TP
		Mahoning River (bacteria)	E. coli
Trumbull	Niles City	Mahoning River	E. coli
Trumbull	Trumbull County	Grand River (upper)	E. coli, Nitrogen
		Mahoning River (bacteria)	E. coli
		Mahoning River (upper)	E. coli, TP
Trumbull	Warren City	Mahoning River	E. coli
		Mahoning River (upper)	E. coli, TP
Trumbull	Warren Township	Mahoning River (upper)	E. coli, TP
		Mahoning River (bacteria)	E. coli
Trumbull	Weathersfield Township	Mahoning River (bacteria)	E. coli

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
Tuscarawas	New Philadelphia City	Tuscarawas River	E. coli
Various	Ohio Department of Transportation (ODOT)	Multiple	TSS. Statewide Permit Area. Due to the linear nature, right-of-way (ROW) restrictions and common pollutant generating work activities, ODOT shall address the TMDL Performance Standard for TSS for each minimum control measure.
Various	Ohio Turnpike and Infrastructure Commission (OTIC)	Multiple	TSS. Statewide Permit Area. Due to the linear nature, right-of-way (ROW) restrictions and common pollutant generating work activities, OTIC shall address the TMDL Performance Standard for TSS for each minimum control measure.
Warren	Clearcreek Township	Little Miami River (upper)	Sediment, TP
Warren	Deerfield Township	Little Miami River (lower)	E. coli
Warren	Hamilton Township	Little Miami River (lower)	E. coli
Warren	Lebanon City	Little Miami River (lower)	E. coli
Warren	Turtlecreek Township	Little Miami River (lower)	E. coli
Warren	Warren County	Mill (Ohio)	Dissolved Nitrogen, TP
		Little Miami River (lower)	E. coli
		Little Miami River (upper)	Sediment, TP
Wayne	Chippewa Township	Tuscarawas River	TP, E. coli
Wayne	Doylestown Village	Tuscarawas River	E. coli
Wayne	Milton Township	Tuscarawas River	E. coli
Wayne	Wayne County	Tuscarawas River	TP, E. coli
Wood	Bowling Green City	Portage River	TP, E. coli
		Toussaint River	TP
Wood	Lake Township	Maumee (lower) and Lake Erie tributaries	TP, E. coli, Ammonia, TSS
Wood	Millbury Village	Maumee (lower) and Lake Erie tributaries	TP, E. coli, Ammonia, TSS
Wood	Northwood City	Maumee (lower) and Lake Erie tributaries	TP, E. coli, TSS

COUNTY	REGULATED MS4	TMDL PROJECT	TMDL POLLUTANT(S)
Wood	Perrysburg City	Maumee (lower) and Lake Erie tributaries	E. coli
Wood	Perrysburg Township	Maumee (lower) and Lake Erie tributaries	TP, E. coli, Ammonia, TSS
Wood	Rossford City	Maumee (lower) and Lake Erie tributaries	TP, E. coli, Ammonia, TSS
Wood	Walbridge Village	Maumee (lower) and Lake Erie tributaries	E. coli
Wood	Wood County	Maumee (lower) and Lake Erie tributaries	TP, E. coli, Ammonia, TSS
		Toussaint River	TP
		Portage River	TP, E. coli