



CITY OF
PICKERINGTON

December 2, 2016

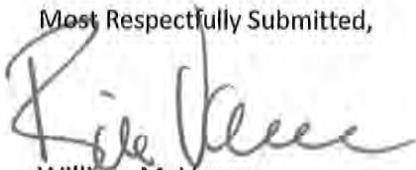
Anthony Robinson
Ohio Environmental Protection Agency
P.O. Box 1049
Columbus, OH 43216-1049

Dear Anthony Robinson,

Enclosed please find the required update for the City of Pickerington's Storm Water Management Plan (SWMP) for our NPDES Small MS4 General Permit (OHQ0000003) 2014-2019 for Ohio EPA Facility Number 4GQ10012*CG. All current supporting policies for Illicit Discharge Detection and Elimination, Storm Water Pollution Prevention Plans, Storm Water Maps and other SWMP required documents are attached for your convenience.

Do not hesitate to contact us if you need anything additional.

Most Respectfully Submitted,



William M. Vance
City Manager



City of Pickerington Storm Water Management Plan (SWMP)
 NPDES Small MS4 General Permit (OHQ000003) 2014-2019

Small MS4 Years:	September 11, 2014-September 10, 2019				
Ohio EPA Facility Permit Number:	4GQ10012*CG				
Name of MS4:	City of Pickerington, Ohio				
Primary Contact:	William Vance	Title:	City Manager		
Mailing Address:	100 Lockville Road				
City:	Pickerington	Zip Code:	43147	County:	Fairfield
Telephone Number:	614-837-3974	Email Address:	citymanager@pickerington.net		

Include or attach a Table of Organization. Indicate who (name and contact information) is responsible for overall management and implementation of your program, and if different, each minimum control measure of your program. Identify how development and implementation across multiple positions, agencies and departments occur. Also, identify any Memorandum of Understandings (MOUs) or other such agreements that exist.

- Manager-** William (Bill) Vance, City Manager-Overall Manager, 614-833-3974
- Engineer-** Scott Tourville, PE, MPA, City Engineer for engineering, inspections, post-construction BMP inspections, 614-833-2221
- Service-** Edward Drobina, Service Director and Program Coordinator for SWPPP, storm sewer repair and road maintenance, 614-833-2292
- Zoning-** Andie Meyers, Code Enforcement Officer, 614-833-2221
- Parks-** Rebecca Medinger, Parks and Recreation Director, 614-833-2211
- Police-** Sgt. Rob Bartek, City of Pickerington Police, 614-575-6911
- FCPH-** Nathan Ralph, RS, Supervisor, Community Environmental Health, Franklin County Public Health, 614-525-5852
- VCD-** Jonathan Ferbrache, PLA, CPESC, Resource Specialist, Fairfield Soil and Water Conservation District involved by agreement, 740-653-8154
- Tony Vogel, PE, Fairfield County Utilities (service areas) and IDDE assistance 740-652-7120
- FCE-** Todd May, Fairfield County Subdivision Engineer (Spring Creek Subdivision DMD) 740-652-2800
- FCLR-** Chad Reed, Fairfield County Litter and Recycling (740)681-4423

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 possibility of fine and imprisonment for knowing violations.

Print Name: William Vance

Print Title: City Manager

Signature: Date: 11/16/16

NOI's
 Ohio Environmental Protection Agency
 Office of Fiscal Administration
 P.O. Box 1049
 Columbus, Ohio 43216-1049

Annual Reports * Annual Reports are due annually on or before April 1st
 Ohio Environmental Protection Agency
 Division of Surface Water
 Storm Water Program – Small MS4
 P.O. Box 1049
 Columbus, Ohio 43216-1049

- SWMP Supporting Documents**
- A City Authority
 - B SWCD-General Agreement
 - C Department of Health-OAC 3701-29 and ORC 3718
 - D IDDE Plan
 - E Storm Water Map
 - F HSTS Map and List
 - G City Erosion Control Ordinance
 - H City/OEPA-Inspection Forms
 - I Post Construction WQ Agreement
 - J Stepped Enforcement Protocol
 - K Service Facilities SWP3
 - L July 2014 Audit
 - M Copy of MS4 Permit
 - N Copy of the General Construction Permit
 - O Floodplain Regulations

Executive Summary

The City of Pickerington is required to submit a Storm Water Management Plan (SWMP) in conjunction with a "Notice of Intent for Coverage under Ohio Environmental Protection Agency General Permit". This document outlines the City's program to develop, implement and enforce a SWMP 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 Environmental Protection Agency (OEPA) National Pollutant Discharge Elimination System (NPDES) Phase II program. The SWMP addresses the Six Minimum Control Measures as required by state regulations. The plan also identifies the City's legal authority to implement the requirements of the OEPA's general permit.

Legal Authority

The City has the authority to control the quantity and quality of storm water to its system through its ordinances under 1258.22. The City has authorized the City Manager as the responsible party for implementation of the NPDES Phase II Program per Attachment A.

The City has entered into an agreement with Fairfield Soil and Water Conservation District for assistance in development and implementation of the permit and plan. A recent copy of this Agreement is contained herein as Attachment B.

Permit Coverage Area

The City has agreed to implement an NPDES Phase II storm water program for the entire geographic area of the City. The City is largely residential, with concentrations of commercial areas along main thoroughfares such as State Route 256, Refugee Road and State Route 204. The area is in Fairfield County, Violet Township and Franklin County, Madison Township.

Estimated Permit Area's Total Population: 2013 Census 19,085 Population 6,226 Households 11.1 Square Miles

Reporting Requirements

The City will submit its required report to the OEPA annually during the permit cycle. The report will include the status of compliance with the permit conditions, an assessment of the appropriateness of the best management practices (BMPs) and progress towards achieving measurable goals for each of the Six Minimum Control Measures. The City will also summarize all data collected and analyzed during the course of the permit cycle, and include said summary as part of the annual report. A summary of the activities the City will undertake during the subsequent annual reporting cycle and any changes to the BMPs or measurable goals will be included in the annual report.

Storm Water Management Program

The SWMP outlines the Six Minimum Control Measures that are expected to result in reductions in pollutants discharged by the City. The Scioto River Basin and Blacklick Creek Areawide Water Quality Management Plan (OEPA, December 2002) contains recent information on several of the creeks and waterways that traverse the Violet area. Key waterways include:

- Walnut Creek
- George Creek
- Sycamore Creek
- Blacklick Creek

Walnut Creek Areawide Water Quality Plan indicated that the biological communities scored in the very good range. It did note that development was increasing in these watersheds. The portion of George Creek within the City is considered the upper reaches. According to the Areawide Water Quality Plan, the upper reach is "partially" in attainment of the warmwater habitat criteria. The causes of impairment are listed as siltation and flow alteration caused by land development and channelization by development.

Sycamore Creek is largely in full attainment. The Scioto River Basin and Blacklick Creek Areawide Water Quality Management Plan also identifies urban run-off as a source of concern within the Sycamore Creek watershed.

A portion of the City drains to tributaries of the Blacklick Creek. This area is largely developed with little remaining land available for suburbanization. The Scioto River Basin and Blacklick Creek Areawide Water Quality Management Plan identifies several sources of impairment, including removal of riparian habitat, suburbanization, onsite wastewater systems and major municipal point source (wastewater treatment facilities).

The approach of this SWMP will be to primarily reduce sedimentation and organic enrichment where possible in light of urban land use that causes partial aquatic life use impairment downstream of the MS4 area Tributary to George Creek and other tributaries. OEPA Total Maximum Daily Loads for the Walnut Creek Watershed, Final report date February 2, 2010 and the Total Maximum Daily Loads for the Big Walnut Creek Watershed, Final report date February 19, 2005.

This Storm Water Management Plan meets the requirements of the NPDES Phase II and Appendix 13 of the "Scioto River Basins and Blacklick Creek Areawide Water Quality Management Plan."

In light of the above, the major concerns outlined for these waterways are largely development related. The City's SWMP will address the adverse effects caused by construction (siltation) as well as post-construction concerns such as flow alteration and urban run-off.

The Six Minimum Control Measures are:

1. Public Education/Outreach
2. Public Participation/Involvement
3. Illicit Discharge Detection/Elimination
4. Construction Site Runoff Control
5. Post Construction and Redevelopment Runoff Control
6. Pollution Prevention/Good Housekeeping

Each measure is addressed separately in this document. Generally, this plan identifies the strategies, existing programs and proposed programs for each minimum control measure.

PUBLIC EDUCATION & OUTREACH

The City has chosen a mix of BMPs for public education and outreach based on the last two permits while developing partnerships with the surrounding MS4 permit holders. This control measure will target homeowners, residents and commercial property owners. There are three general areas that the City considered when determining the implementation of their public education and outreach program: forming partnerships; using educational materials and strategies; and reaching diverse audiences. The five-year program for the City is based largely on increasing awareness of how the City's municipal separate storm sewer system (MS4) functions through information dissemination.

Forming Partnerships

The City and the Fairfield Soil and Water Conservation District (FSWCD) have entered into a working agreement (Attachment B) for the provision of educational materials and guidance. The working agreement also includes other services included within the Six Minimum Controls, and will be addressed in each of those sections. The City Manager shall be responsible for the overall management and implementation of the storm water public education/outreach program, through coordination with the FSWCD.

Education Materials and Strategies

The City has a number of existing programs specifically for the dissemination of information to its citizens. These include an internet web site and publications available to all residents.

General theme areas included in the July 10, 2014 audit (Attachment L) include:

- 1) Proper household fertilizer management (fertilizer and pesticide use)
- 2) Storm water runoff reduction practices (rainbarrels, rain gardens and bio retention)
- 3) Commercial/restaurant storm water run-off management and waste disposal (closed dumpsters, grease interception and no dumping in storm drains)
- 4) Proper yard waste disposal (pet waste, clippings and leaves)
- 5) Proper household waste disposal (automotive fluids, pharmaceuticals, paint and closed trash cans)
- 6) Proper construction site run-off controls for developers and contractors

Surveys of public opinion/perception were conducted at events in September and October of 2014 and the summary of themes was prioritized by the City following the Fairfield County Regional Planning Commissions Storm Water and Education Advisory Subcommittee on November 2, 2014. Themes with public participation potential are listed below. In coordination with the FSWCD, the City will develop an educational program to include, but not be limited to:

1	Dog Waste/Goose Waste	2015	Education	(Public Participation-event)
2	Automotive Fluids Disposal	2016	Education	(Public Participation- event with other waste collections)
3	Storm Drain Tags	Ongoing	Education	(Public Participation-event)
4	Sewage System Failures	2017	Education	
5	Pesticide and Fertilizer Use	2018	Education	(Public Participation-workshop)
6	Salt Usage	2019	Education	
7	Pharmaceutical Waste Disposal	Ongoing	Education	(Public Participation –event with other HHW waste collections)
8	Stream Clean Up Events	Ongoing		(Public Participation-event)

Tracking Success

The City will track the success of the public education and outreach programs through public surveys, online and at collection events.

PUBLIC EDUCATION & OUTREACH

	Measurable Goal	Theme or Message	Target Audience	% of Target Audience to be Reached	Summary of Planned Activities	Proposed Schedule
Media topic for outreach by year	Provide direct mailing educational materials to homeowners, residents, and business owners concerning efforts they can undertake to reduce storm water pollution.	-Pet Waste and Goose Waste Pollution Reduction -DIY Automotive Fluid Disposal -Septic System Maintenance -Pesticide and Fertilizer Reduction -Stream Litter Reduction and Pickup -Construction Site Erosion	-Pet owners and property managers -DIY mechanics -Septic tank owners -Homeowners and contract applicators -Commercial property managers and youth groups -Contractors/developers	50% 50% 50% 50% 50% 50%	Regular articles published in the Pickerington Magazine.	2015 (2015-2019) 2016 2017 2018 2019 2017*Specific audience requirement

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
School Children Education In person	Annually the FSWCD will present to 100% of 7 th grade classes in the Pickerington Local School District on information about storm water and water quality issues. This will typically occur in the second half of each school year. FSWCD will track and report attendance to the City Engineer.	Pollution awareness and what residents can do to help.	7 th grade classes	100%	Students have gained knowledge about storm water and water quality.	(Tracked as required for annual reporting)
Adult Education Print Media FSWCD Engineer	Annually the FSWCD and City will collaborate on one article in the Pickerington Magazine reaching 100% of residents and property managers on to water quality themes. FSWCD will track and report to the Engineer.	Pollution awareness and what residents can do to help.	Residents and businesses	100%	Residents and businesses gained knowledge on the covered topic.	(Tracked as required for annual reporting)

BMP (Mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
Web Based Education FSWCD Service Engineer	Annually the City will maintain a webpage, with a counter to direct citizens to educational resources and water quality concern reporting. This site will be cross referenced with the FSWCD website. The City Engineer will track and count totals for reporting.	Pollution awareness and what residents, property managers, contractors and students can do to help.	50% of the population and contractors working in the City	(Tracked as required for annual reporting) with web counter	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)
Contractor and Developer Education FSWCD Service Engineer	Annually the FSWCD will continue to assist in the coordination and promotions for the Central Ohio Storm Water Expo to deliver required information to contractors and developers. FSWCD and the City will develop a brochure or PDF document on community specific erosion control expectations and standards distributed with each permit package.	Pollution awareness and what residents, contractors and property managers can do to help.	25% of contractors working in the City	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)

PUBLIC INVOLVEMENT/PARTICIPATION

The City recognizes that a successful stormwater program relies not only on the MS4 owners and operators and the regulatory community, but also upon the input, assistance and understanding of the general public. The City's program includes means and methods to give the public opportunity to play an active role in both the development and implementation of the MS4 permit.

Strategies

The City has determined that the most efficient and effective means for moving forward on the permitting program is to craft the storm water management program through the City Manager, with input from various staff and local agencies. Input from the public is sought annually to refine the program as part of the permitting period.

The five-year program for the City is based largely on increasing awareness of how the City's MS4 functions through information dissemination. The program is enhanced now to include more active public participation through the Fairfield County Regional Planning Commissions' Storm Water Advisory and Educational Subcommittee. The City will reinforce existing methods for receiving information from the public and identify opportunities for citizens and civic groups to participate in the process.

The target audience for the program can be divided into three general categories: homeowner, residents and commercial property owners/manager. The residential category has been divided into school age children and adults, new development (through developers) and existing. The commercial properties include small, medium and large properties, as well as type (restaurant and retail, for example) involvement will be tracked. Much of the communication with commercial properties will come through inspections by City zoning inspectors, inspections of post construction water quality facilities and the Franklin County Public Health Department. The City will continue to assess its ability to communicate with diverse ethnic populations within its limits.

The City will seek involvement and participation in events with the public through:

- 1 Olde Pickerington Village Business Association (OPVBA) Pet Fest or similar activity with interactive events and pledge cards that are theme related FSWCD and City Staff
- 3 OPVBA Farmers Market with interactive events and pledge cards that are theme related FSWCD and City Staff
- 4 days at the Violet Festival with interactive events and pledge cards that are theme related FSWCD and City Staff
- 5 days at the Fairfield County Fair with interactive events and pledge cards that are theme related FSWCD
- 1 Annual Stream Litter Collection Event with public participation in Sycamore Park with the City staff. Parks and Recreation will track number of attendees and general information such as students (K-12), community leaders and residents.
- 1 Storm Drain Tagging event with youth groups, volunteers and City staff.
- Annual inspections of commercial properties and restaurants will include storm water run-off management and waste disposal (closed dumpsters, grease interception and no dumping in storm drains). This brochure and areas of concern will be delivered by staff of Franklin County Public Health.

The City Manager shall be responsible for the overall management and implementation of the storm water public involvement/outreach program, through coordination with the FSWCD.

PUBLIC INVOLVEMENT/PARTICIPATION

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People Participated	Summary of Results	Effective (Yes or No)
<p>Public participation (through the Storm Water Advisory and Educational Subcommittee)</p>	<p>Annually the City in cooperation with the Fairfield County Regional Planning Commission Storm Water Advisory and Educational Subcommittee will host/publicize at least one public meeting per year with all MS4 Communities to hear citizen concerns. The City Engineer will track and report attendance.</p>	<p>Solicit public concerns and correlate with annual water quality complaint or concern lists. Direct invitation by year to: 2015 Residents and Property Managers 2016 Contractors and developers 2017 Septic/grease haulers 2018 Lawn care companies 2019 Businesses</p>	<p>Residents, property managers, contractors/developers, septic/grease haulers, lawn care companies and businesses in the City of Pickerington.</p>	<p>(Tracked as required for annual reporting)</p>	<p>(Tracked as required for annual reporting)</p>	<p>(Tracked as required for annual reporting)</p>
<p>Proper household fertilizer management (pesticide and fertilizer use)</p>	<p>Get households to pledge not to use phosphorus based fertilizers. Pledge cards issued through the 7th grade classes to households, the class with largest number of returns would be awarded a Conservation Class Leader certificate.</p>	<p>Use only the fertilizer and pesticide you need, in the appropriate manner to reduce nutrient and pesticide runoff.</p>	<p>Engage 5% of households</p>	<p>(Tracked as required for annual reporting)</p>	<p>(Tracked as required for annual reporting)</p>	<p>(Tracked as required for annual reporting)</p>
<p>FSWCD Parks Service (Partner with OSU Master Gardeners)</p>	<p>Proper yard waste disposal (Pet waste and goose waste, lawn clippings and leaves and a Pick Up Poop (PUP) Campaign)</p>	<p>Pledge cards at the Pet Fest, dog park and public parks to dispose of pet waste properly. Education on reduction in goose population to reduce goose waste.</p>	<p>Reduce nutrient load run-off to streams from lawns. Engage 1% of households, HOAs and property managers. 1054 or 25% of the pet owners of dogs in the Pickerington zip code</p>	<p>(Tracked as required for annual reporting)</p>	<p>(Tracked as required for annual reporting)</p>	<p>(Tracked as required for annual reporting)</p>
<p>FSWCD Service Engineer</p>						

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People Participated	Summary of Results	Effective (Yes or No)
Proper household waste disposal (Automotive fluids, paints and pharmaceutical disposal) FSWCD Service Engineer (Partner with Pickerington Police Department and Tylers Light)	Host collection events to reduce exposure of high concentrations of automotive fluids, paints and pharmaceuticals through illicit discharges and leaching through awareness of proper disposal locations.	Don't dump waste auto fluids, paints and pharmaceuticals down the drain.	Engage 1% of Households	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)
Stream Clean-Up Parks Service Engineer (Partner with Boy Scouts, Girl Scouts and volunteers)	Stream Clean Up Event	Don't litter.	Engage 1% of households	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)
Storm water drain labels and stencils FSWCD Service Engineer Parks (Partner with HOA's, Boy Scouts and Girl Scouts)	Continue to label storm drains that are not yet labeled "drains to stream" and begin replacement program of those that have faded or fell off from previous permit cycles.	Awareness of where storm water goes.	Engage 1% of households	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)

The City has already minimized the potential of illicit discharges to the storm water system through ordinance and the operation of a centralized sanitary sewer system. The City completed an inventory of public and private outfalls into the creeks and waterways throughout the City. The City has identified the need to increase public awareness of the storm water system to engage the public within their IDDE minimum control. The City's program will use City staff, FCPH and the FSWCD by agreements to administer their IDDE program. The City Manager shall be responsible for the overall management and implementation of the IDDE program. FCPH will provide education and outreach concerning operation and maintenance of their HSTS through the IDDE Plan adopted in October of 2014 and subsequent updates (Attachment D).

Strategies

The City currently maintains a 'map room' with all available maps in hard copy form. These maps include as-built plans of projects completed within the City. Maps are incorporated into the map room once they are recorded with the City. "Maps" include projects completed by developers, as well as improvements implemented by the City.

This system has been enhanced with recent GPS mapping and inspections along with electronic conversion of storm water conveyance systems to aid in GIS planning and emergency response current version November 2014 (Attachments E and F).

The City will continue the process of completing a geographic information system (GIS) through field inspections and mapping new systems as they are constructed.

The City will coordinate with the FCPH to maintain data sets of existing HSTS within the City limits. Additional information will be added to the mapping product as systems are removed, replaced or added.

The control of illicit discharges is part of City Ordinance. City ordinance requires the design and use of the storm sewers and drainage systems.

ILLCIT DISCHARGE DETECTION & ELIMINATION (IDDE)

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (if available, web link for code(s))	Summary of Results or Activities	Effective (Yes or No)	
Ordinance or Other Regulatory Mechanism Engineer and Service	An effective and enforceable regulatory mechanism	Yes	1258.22 Storm Water Management and Stream Protection https://www.columbus.gov/utilities/contractors/Stormwater-Drainage-Manual/ OAC 3701-29 and ORC 3718	Update as needed should codes change.	(Track as required for annual reporting)	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates		Effective (Yes or No)	
Storm Sewer System Map Engineer, Service, FSWCD and Consultants	Create a map of all MS4 structures, pipe, WQ structures and ditches within the City of Pickerington that are maintained and monitored by the City.	Ongoing	All stream outfalls have been identified and mapped by GPS/GIS. Storm sewer structures and pipes currently GPS mapped are being screened for illicit discharge during regular inspections.		(Track as required for annual reporting)	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates		Effective (Yes or No)	
HSTS Mapping and List Engineer, Service and FCPH	Create a map of all parcels with discharging systems to storm water structures and ditches within the City of Pickerington.	Yes	Franklin County Public Health will inspect 20% annually, and update the list and database for those removed and those added in City limits. Updates will be shared with the FSWCD and Fairfield County GIS.		(Track as required for annual reporting)	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates		Effective (Yes or No)	
IDDE Plan Engineer, Service and FCPH FSWCD, FCU and FCE	Improve rapid response communications.	Yes	Cooperative annual review is expected between the City, FCPH and the FSWCD		(Track as required for annual reporting)	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Outfalls Screened	# of Dry-Weather Flows Identified	# of Illicit Discharges: Identified* Eliminated	Effective (Yes or No)
Dry-Weather Screening of Outfalls Total # of Outfalls <u>168</u> Engineer, Service and FSWCD	20% of City outfalls screened annually by the FSWCD, and samples taken from those flowing for the presence of MBAS or fecal.	Ongoing	(Track as required for annual reporting) Develop a new/ revised numbering system	20% annually	(Track as required for annual reporting) (Track as required for annual reporting)	(Track as required for annual reporting)

CONSTRUCTION SITE RUNOFF CONTROL

The City recognizes that sediment laden runoff from construction sites, if unchecked, can deposit more in a stream than would be deposited there over the course of decades from other land use types. The resulting siltation and other pollutants can cause physical, chemical, and biological harm to the waterways.

Strategies

The City relies on contract erosion control inspectors and City inspectors to inspect and monitor compliance with City Regulations that support the NPDES requirements, support the General Construction Permit and M54 Permit.

The City Engineer shall be responsible for the overall management and implementation of the construction site runoff control program. City and contract inspectors will implement the standard Construction Site Inspection Checklist for OHC000004 for large projects and their small site form for residential projects.

Priorities of the 5 year period are:

- Storm Water Pollution Prevention Plan (SWPPP) reviewed by City staff and allow public comment
- Utilize the OEPA construction site check list method
- Review sites for proper submission of NOI's and Co-Permittee forms with the OEPA
- Provide contractors with Inspection forms and comments within 24 hours of inspections

CONSTRUCTION SITE RUNOFF CONTROL

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (If available, web link for code(s))	Summary of Results or Activities	Effective (Yes or No)
Ordinance or Other Regulatory Mechanism Engineer and Service	An effective and enforceable regulatory mechanism	Yes	1258.22 Storm Water Management and Stream Protection Ohio EPA Construction General Permit https://www.columbus.gov/utilities/contractors/Stormwater-Drainage-Manual/	(Track as required for permit or code changes)	(Track as required for annual reporting)
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Standards Being Used	Summary of Results or Activities	Effective (Yes or No)
Sediment and Erosion Control Requirements	Effective and fair requirements	Yes	1258.22 Storm Water Management and Stream Protection Ohio EPA Construction General Permit https://www.columbus.gov/utilities/contractors/Stormwater-Drainage-Manual/	(Track as required for annual reporting)	(Track as required for annual reporting)
Engineer and Service					
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)		Summary of Results or Activities	Effective (Yes or No)
Complaint Process	Complaints and concerns are addressed ASAP	Yes		(Track as required for annual reporting)	(Track as required for annual reporting)
Engineer, Service and FSWCD					
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Applicable Sites Requiring Plans	Summary of Results or Activities	Effective (Yes or No)
Site Plan Review Procedures	Have a systematic method to review construction site plans to comply with NPDES SWP3's and MS4 permit requirements.	Yes	(Track as required for annual reporting)	(Track as required for annual reporting)	(Track as required for annual reporting)
Engineer and Consultants					
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Site Inspections Performed		Effective (Yes or No)
Site Inspection Procedures	Have a systematic and well documented site inspection process to comply with NPDES and MS4 requirements.	Yes	# of Applicable Sites (Track as required for annual reporting)	# of Plans Reviewed (Track as required for annual reporting)	(Track as required for annual reporting)
Engineer and Consultants			# of Performed (Track as required for annual reporting)	Avg. Frequency (Once per month at a minimum)	(Track as required for annual reporting)
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Violations		Effective (Yes or No)
Enforcement Procedures	Use the stepped enforcement level protocol consistently. *include an attachment which identifies applicable sites for annual reporting.	Yes	# of Violation Letters (Track as required for annual reporting)	# of Enforcement Actions (Track as required for annual reporting)	(Track as required for annual reporting)
City Manager and Engineer					

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

The City proposes to address the post-construction storm water management in new development and redevelopment with structural and non-structural BMPs. As part of this minimum control, the City seeks to effectively manage the amount of impervious cover within its system, meet floodplain regulations to protect floodways and floodplains and properly permit impacts to riparian buffers and review the need for stream corridor.

The City regulations are presently formulated to address water quantity and quality issues. The regulations outline the controls necessary to control peak flow rates from the post peak development condition to the peak flow rates of the preconstruction condition.

For the 5-year permitting cycle, the City will focus on policies that address new development and redevelopment. Existing policies have been or will be augmented to reflect water quality-type best management practices such as the Storm Water Map including Post Construction Storm Water Management Systems (Attachment E) and Post Construction Water Quality Systems Agreement (Attachment I).

CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT POST CONSTRUCTION

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (If available, web link for code(s))		Summary of Results or Activities	Effective (Yes or No)
			# of Sites Requiring Post-Const. BMPs	# of Plans Reviewed		
Ordinance or Other Regulatory Mechanism Engineer	An effective and enforceable regulatory mechanism to comply with NPDES and MS4 requirements.	Yes	http://www.amlegal.com/code/client/pickerington_oh/ https://www.columbus.gov/utilities/contractors/Stormwater-Drainage-Manual/		Continued to review as codes and permit requirements change.	(Track as required for annual reporting)
BMP & Responsible Party Post-Construction Requirements Engineer	Measurable Goal To maintain effective and fair requirements to comply with NPDES and MS4 requirements.	Completed (Yes or No) Yes	Structural and/or Non-Structural Standards Being Used Continued to review as codes and permit requirements change.		Summary of Results or Activities Continued to review as codes and permit requirements change.	Effective (Yes or No) (Track as required for annual reporting)
BMP & Responsible Party Site Plan Review Procedures Engineer	Measurable Goal Have a systematic method to review construction site plans to comply with NPDES and MS4 requirements.	Completed (Yes or No) Yes	# of Applicable Sites Requiring Post-Const. BMPs (Track as required for annual reporting)	# of Plans Reviewed (Track as required for annual reporting)	Summary of Results or Activities Continued to implement to comply with NPDES and MS4 requirements.	Effective (Yes or No) (Track as required for annual reporting)
BMP & Responsible Party Site Inspection Procedures Engineer and Service and FSWCD when requested	Measurable Goal Have a systematic and well documented site inspection process to comply with NPDES and MS4 requirements.	Completed (Yes or No) Yes	Site Inspections Performed		Summary of Results or Activities Created a table of all underground water quality units with inspection dates to track.	Effective (Yes or No) (Track as required for annual reporting)
			# Performed (Track as required for annual reporting) Maintain a table of all underground water quality units with inspection dates.	Avg. Frequency Property managers provides a once per year inspection to the City and the City spot checks 20% of them annually		
BMP & Responsible Party Enforcement Procedures Manager and Engineer	Measurable Goal An effective and enforceable regulatory mechanism and protocol to comply with NPDES and MS4 requirements.	Completed (Yes or No) Yes	Violations		Summary of Results or Activities Continued to implement to comply with NPDES and MS4 requirements.	Effective (Yes or No) (Track as required for annual reporting)
			# of Violation Letters (Track as required for annual reporting)	# of Enforcement Actions (Track as required for annual reporting)		
BMP & Responsible Party Long-Term O&M Plans/Agreements Manager and Engineer	Measurable Goal To require all post-construction BMPs to have a lifelong O&M plan and agreement that stays with the property through change of ownership.	Completed (Yes or No) Yes	# of Sites Requiring Plans/Agreements (Track as required for annual reporting)		Summary of Results or Activities Continued to implement to comply with NPDES and MS4 requirements.	Effective (Yes or No) (Track as required for annual reporting)
			# of Plans Developed/Agreements in Place (Track as required for annual reporting)	# of Plans Developed/Agreements in Place (Track as required for annual reporting)		

POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

The City has formalized their Municipal Facilities/Operations Stormwater Operations and Maintenance Plan, the most recent in 2013 (Attachment H), and their training program to specifically focus on storm water management for City maintenance employees and their supervisors.

The City has a variety of programs in place to provide 'good housekeeping':

Priorities of the 5 year period are:

- Storing batteries under roof
- Label used oil containers
- Dispose of street sweeping and other wastes at a municipal landfill
- Secondary containment of brine
- Inspect all floor drains annually and all storm water drains and ditches quarterly

POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	Train 100% of the maintenance staff and supervisors annually.	Yes	2015-IDDE policy 2016-Storm water pollution roads 2017-SPCC 2018- Construction site runoff 2019-Facility Storm Water pollution from facilities	City maintenance staff, inspectors and supervisors.	(Track as required for annual reporting)	(Track as required for annual reporting)	(Track as required for annual reporting)
Engineers, Service and FSWCD							
List of Municipal Facilities Subject to Program							
Service Garage	Wastewater Treatment Plant (Industrial Permit 4GR00373*AG) Water Treatment Plant			O&M Procedures Developed for Facilities (Yes or No)	Quarterly inspections shall be documented. Service Garage – Yes WWTP – Yes WP – Yes	# of Facility Inspections Performed	Frequencies of Such Inspections
Summarize Maintenance Activities and Schedules				Summarize Activities Performed			
MS4 Maintenance	We perform these activities on a compliance and complaint driven process – depending on the type of activity.			(Track as required for annual reporting)			
Procedures Developed (Yes or No)				Document Amounts of Wastes Properly Disposed			
Disposal of Wastes	Yes.			(Track as required for annual reporting and assure the receiving facility is permitted to accept such waste and provides receipts.)			
Road Salt	Covered (Yes or No)			Tons Used (Track as required for annual reporting)			
Pesticide & Herbicide Usage	Yes			Gallons Used (Track as required for annual reporting)			
Fertilizer Usage	Procedures Developed (Yes or No)			Pounds Used (Track as required for annual reporting)			
Street Sweeping	Procedures Developed (Yes or No)			Summarize Measures Taken to Minimize Usage (Track as required for annual reporting)			
Flood Management Projects	Actively involved with the public education campaign for the FIRM and FIS that became effective 1/12/12. Continued to issue Special Flood Hazard Development Permits. Potential rehab of Windmiller dam west of SR256.			Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality (Track as required for annual reporting)			
Engineers, Service and FSWCD							

