



Village of Lithopolis Storm Water Management Plan (SWMP)
 NPDES Small MS4 General Permit (OHQ000004) 2022-2026

Small MS4 Years:	March 18, 2022-March 31, 2026			
Ohio EPA Facility Permit Number:	4GQ0043*B ^G			
Name of MS4:	Village of Lithopolis, Ohio			
Primary Contact:	Eric Sandine	Title:	Mayor	
Mailing Address:	PO Box 278			
Village:	Lithopolis	Zip Code:	43136	County: Fairfield/Franklin
Telephone Number:	614-837-2031	Email Address:	mayor@lithopolis.org	

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.

VILLAGE

- Mayor-** Eric Sandine, Overall Manager of the MS4 permit, (614) 837-2031
 - Roads-** Amanda Wolin, Coordinator for storm sewer repair and maintenance, contracts and agreements for services, (614) 837-2031
 - Zoning-** Amanda Wolin, Village Administrator, (614) 837-2031
 - Police-** Wesley Barton, Chief, (614) 837-8674
 - Legal-** Jon M. Browning, Solicitor, (614) 221-8988
- OUTSIDE AGENCY ASSISTANCE**
- FDH-** Joseph Eble, RS, MS, MBA-HSTS, IDDE, Fairfield Department of Health, (740) 652-2800 (Per ORC)
 - FCPH-** Nathan Ralph, RS-HSTS, IDDE, Franklin County Public Health, (614) 525-3909 (Per ORC)
 - FCLR-** Jennifer Kolometz, Fairfield County Litter and Recycling, (740) 681-4423 (By service area)
 - FSWCD-** Chad Lucht, CPESC, Fairfield Soil and Water Conservation District, 740-653-8154 (By agreement-Development plan reviews and inspections)

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: Eric Sandine

Print Title: Mayor

Signature: _____ Date: _____

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 Village 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 Village Erosion Control Ordinance
- H Village/OEPA-Inspection Forms
- I Post Construction WQ Agreement
- J Stepped Enforcement Protocol
- K Service Facilities SWP3
- L Prior Audit
- M Copy of MS4 Permit
- N Copy of the General Construction Permit
- O Stream Setbacks -FEMA Floodplain Regulations Not Applicable

Executive Summary

The Village of Lithopolis 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 Village’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 Village’s legal authority to implement the requirements of the OEPA’s general permit.

Legal Authority

The Village has the authority to control the quantity and quality of storm water to its system through its zoning regulations and right of way permits. The Village has authorized the Mayor as the responsible party for implementation of the NPDES Phase II Program.

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

Permit Coverage Area

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

Estimated Permit Area’s Total Population: 2020 Census 2,134 Population 841 Households 2.27 Square Miles

Reporting Requirements

The Village 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 Village 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 Village 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 Village. 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 Village or the adjacent area. Key waterways include:

- Walnut Creek
- Running Bear Run
- Big Run

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. According to the Areawide Water Quality Plan, the area is “full, but threatened” in attainment of the warmwater habitat criteria. The greatest concerns related to causes of impairment are siltation and flow alteration caused by land development and channelization by development.

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).

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."

We have chosen the primary pollutant of concern for this SWMP as E.Coli to align with neighboring Violet Township. Lithopolis has no TMDL requirement known at this time through the Appendix A of the General Permit. The approach of this SWMP will also be to reduce sedimentation and organic enrichment where possible.

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 Village has chosen a mix of BMPs for public education and outreach based on the previous permit 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 Village 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 Village is based largely on increasing awareness of how the Village’s municipal separate storm sewer system (MS4) functions through information dissemination.

Forming Partnerships

The Village 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 Village 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 Village 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. Surveys of public opinion/perception were conducted online and through social media in the Fall of 2021 and the summary of themes was prioritized by the Village following the Fairfield County Regional Planning Commissions Storm Water and Education Advisory Subcommittee in November 2021. Themes with public participation potential are listed below within the Village and adjacent MS4 Communities in Fairfield County.

The Village took this plan draft before their Storm Water Advisory Committee for review and input before presentation for adoption by Council.

In coordination with the FSWCD, the Village will develop an educational program to include, but not be limited to:

1	(<i>E.coli</i>) Dog Waste/Goose Waste	2022	Education	(Public Participation)
2	Automotive Fluids Disposal/Tire Disposal	2022	Education	(Public Participation)
3	Illicit Dumping/Parking Lot Runoff/Salt Usage	2023	Education	(Public Participation)
4	(<i>E.coli</i>) Sewage System Failures	2023	Education	
5	Lawn Fertilizers/Yard Waste	2024	Education	(Public Participation)
6	Pharmaceutical Collection and Household Hazardous Waste Disposal Education	2021-2026	Education Articles-Handout	(Public Participation)
7	Annual litter collection events	2021-2026	Education (Article 2025)	(Public Participation)
8	(<i>E.coli</i>) Pick Up Poop- Public Participation Events	2023-2026	Education	(Public Participation)

Tracking Success

The Village 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.	<ol style="list-style-type: none"> 1-Dog Waste and Goose Waste Pollution Reduction 2-DIY Automotive Fluid Disposal -Tire Disposal 3-Illicit Dumping-Parking Lot Run-Off-Salt Usage 4-Sewage System Failures 5-Lawn Fertilizer-Yard Waste 6-Pharmaceutical Collection and Household Hazardous Waste Disposal 7-Ditch and Stream Litter Reduction and Pickup 8-Construction Site Erosion 	<ul style="list-style-type: none"> -Pet owners and property managers -DIY mechanics -Homeowners and property managers -Septic tank owners -Homeowners and contract applicators -Residents -Residents -Contractors/developers <p><i>One-on-one meetings</i></p>	<ul style="list-style-type: none"> 20% 20% 20% 100% 20% 20% 20% 100% 	Regular articles published Village newsletter.	<ul style="list-style-type: none"> 2022 (2021-2026) 2022 2023 2023 2024 2022-2026 2022-2026 (2025 Article) 2022*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 FSWCD Mayor	Annually the FSWCD will present to 100% of 7 th grade classes in the Bloom Carroll 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 Mayor.	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 Mayor	Annually the FSWCD and Village will collaborate on one article in the Village Newsletter reaching 100% of residents and property managers on to water quality themes. FSWCD will track and report to the Mayor.	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)
<p>Web Based Education</p> <p>FSWCD Service Mayor</p> <p>Web page is being updated in 2023</p>	<p>Annually the Village 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 Village Mayor will track and count totals for reporting.</p>	<p>Pollution awareness and what residents, property managers, contractors and students can do to help.</p>	<p>50% of the population and contractors working in the Village</p>	<p>(Tracked as required for annual reporting) with web counter</p>	<p>(Tracked as required for annual reporting)</p>	<p>(Tracked as required for annual reporting)</p>
<p>Contractor and Developer Education</p> <p>FSWCD Service Mayor</p>	<p>During the Permit Period the FSWCD and Mayor will meet directly with Developers and Contractors operating in the Village on one about Subdivision, Zoning and Stormwater Regulations.</p> <p>FSWCD and the Village will develop a brochure or PDF document on community specific erosion control expectations and standards distributed with each small project permit package.</p>	<p>Pollution awareness and what residents, contractors and property managers can do to help.</p>	<p>100% of contractors working in the Village</p> <p>Due to the limited number of projects in the Village limits it was determined that one-on-one education is best.</p>	<p>(Tracked as required for annual reporting)</p> <p>Sign-in sheets for each meeting with the contractor or developer will be kept including the topics of relevance discussed.</p>	<p>(Tracked as required for annual reporting)</p>	<p>(Tracked as required for annual reporting)</p>

PUBLIC INVOLVEMENT/PARTICIPATION

The Village 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 Village'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 Village 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 Village Mayor, 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 Village is based largely on increasing awareness of how the Village'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 Village 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 Village zoning inspectors, inspections of post construction water quality facilities and the Franklin County Public Health Department and Fairfield Department of Health. The Village will continue to assess its ability to communicate with diverse ethnic populations within its limits.

The Village will seek involvement and participation in events with the public through;

Many events and festivals have been impacted by COVID so a smaller scale approach will be taken in 2021-2026;

- Wagnalls Library
 - Interactive events in the area in an around Lithopolis and pledge cards that are theme related
 - Displays at local parks and municipal buildings
 - Fairfield County Fair with interactive events and pledge cards that are theme related
 - Annual litter collection event coordinated with Village of Lithopolis.
 - Annual RPC Storm Water Advisory and Educational Sub Committee that seeks public participation.
- FSWCD
 - FSWCD
 - FSWCD
 - FSWCD
 - FCLR/FSWCD
 - RPC

-Annual inspections of commercial properties and restaurants will include storm water run-off management and waste disposal (Closed dumpsters, grease interception, no dumping in storm drains). This brochure and areas of concern will be delivered by staff of Franklin County Public Health and Fairfield Department of Health.

The Village Mayor 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 (2021-2026) FSWCD Service Mayor</p>	<p>Annually the Village 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 Village Mayor will track and report attendance.</p>	<p>Solicit public concerns and correlate with annual water quality complaint or concern lists.</p>	<p>Residents, property managers, contractors/developers, septic/grease haulers, lawn care companies and businesses in the Village 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>Automotive fluids disposal Tire Disposal (2022) FSWCD FCLR</p>	<p>Reduce illicit discharges through awareness of disposal locations. Monitor the disposal of automotive fluids from the Do-It-Yourself community</p>	<p>Use only the fertilizer and pesticide you need, in the appropriate manner to reduce nutrient and pesticide runoff.</p>	<p>Engage 1% of Households, (20% of DIY 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>Lawn Fertilizer/Yard Waste (2024) FSWCD (Partner with OSU Master Gardeners)</p>	<p>Get households to pledge not to use phosphorus based fertilizers.</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>

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People Participated	Summary of Results	Effective (Yes or No)
Pet waste and goose waste (2022) FSWCD	Pledge cards for residents to properly dispose of pet waste properly. Education on reduction in goose population to reduce goose waste.	Reduce nutrient and bacteria load run-off to streams from lawns.	Engage 1% of Households, HOAs and property managers.	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)
Household Hazard Waste and Pharmaceutical disposal (2021-2026) Police FSWCD FCLR	Host collection events to reduce exposure of high concentrations of household hazard wastes and pharmaceuticals through illicit discharges and leaching through awareness of proper disposal locations	Don't dump household hazardous waste and waste 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)
Street or Stream Clean-Up (2021-2026) FSWCD Service Mayor	Litter clean-up along public streets and local streams.	Don't litter.	Don't litter.	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)	(Tracked as required for annual reporting)

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)

The Village 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 Village completed an inventory of public outfalls into the creeks and waterways throughout the Village. The Village has identified the need to increase public awareness of the storm water system to engage the public within their IDDE minimum control. The Village's program will use Village staff, FCPH/FDH and the FSWCD by agreements to administer their IDDE program. The Village Mayor shall be responsible for the overall management and implementation of the IDDE program. FCPH/FHD will provide education and outreach concerning operation and maintenance of their HSTS through the IDDE Plan and subsequent updates (Attachment D).

Strategies

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

This system has been enhanced with recent GPS mapping and inspections along with electronic conversion of storm water conveyance systems to aid in geographic information systems (GIS) planning and emergency response (Supporting documents E and F).

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

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

All data sets are being integrated to the subscription service known at "MS4 Web."

All illicit discharges to be tracked in MS4Web.

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

ILLICIT 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 Mayor FCPH/FDH	An effective and enforceable regulatory mechanism	Yes	OAC 3701-29, ORC Chapters 3707, 3709, 3718, 3767	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 Village of Lithopolis that are maintained and monitored by the Village.	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. Use MS4 Web subscription service.		(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 Mayor FCPH/FDH	Create a map of all parcels with discharging systems to storm water structures and ditches within the Village of Lithopolis.	Yes	FCPH/FDH will inspect 20% annually, and update the list and database for those removed and those added in Village limits. Use MS4 Web subscription service. 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 Mayor, Engineer, Service and FCPH/FDH FSWCD	Improve rapid response communications.	Yes	Cooperative annual review is expected between the Village, FCPH/FDH 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	Effective (Yes or No)
Dry-Weather Screening of Outfalls Total # of Outfalls <u>23</u>	20% of Village outfalls screened annually by the FSWCD, and samples taken from those flowing for the presence of MBAS, ammonia or fecal. (Initial screenings were color, odor, nitrate and ammonia.)	Ongoing	(Track as required for annual reporting) Develop a new/revised numbering system. Use MS4 Web subscription service.	20% annually	(Track as required for annual reporting)
Mayor, Engineer, Service and FSWCD					

CONSTRUCTION SITE RUNOFF CONTROL

The Village 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 Village relies on contract erosion control inspectors and Village inspectors to inspect and monitor compliance with Village Regulations that support the NPDES requirements, support the General Construction Permit and MS4 Permit.

The Village Mayor, in consultation with the Village Engineers and the FSWCD shall be responsible for the overall management and implementation of the construction site runoff control program. Village and contract inspectors will implement the standard Construction Site Inspection Checklist for OHC000005 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 Village 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
- Comply with terms of the current General Construction Permit for violations
- Use MS4 Web subscription service to track all reviews, permits and 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 Mayor, Engineer, Service and FSWCD	An effective and enforceable regulatory mechanism	Yes	Zoning Code 8.10 and 8.14 Storm Water Management and Stream Protection and Subdivision Regulations Ohio EPA Construction General Permit	(Track as required for permit or code changes)	(Track as required for annual reporting)
	Use MS4 Web subscription to track activities.				
BMP & Responsible Party Sediment and Erosion Control Requirements Mayor, Engineer, Service and FSWCD	Measurable Goal	Completed (Yes or No)	Standards Being Used Zoning Code 8.10 and 8.14 Storm Water Management and Stream Protection and Subdivision Regulations Ohio EPA Construction General Permit	Summary of Results or Activities	Effective (Yes or No)
	Effective and fair requirements	Yes			
BMP & Responsible Party Complaint Process Mayor, Engineer, Service and FSWCD	Measurable Goal	Completed (Yes or No)	Complaints Received	Summary of Results or Activities	Effective (Yes or No)
	Complaints and concerns are addressed ASAP	Yes			
BMP & Responsible Party Site Plan Review Procedures Mayor, Engineer, Service and FSWCD	Measurable Goal	Completed (Yes or No)	# of Applicable Sites Requiring Plans	Summary of Results or Activities	Effective (Yes or No)
	Use MS4 Web subscription to track activities.	Yes			
BMP & Responsible Party Site Inspection Procedures Mayor, Engineer, Service and FSWCD	Measurable Goal	Completed (Yes or No)	# of Applicable Sites Requiring Plans	Summary of Results or Activities	Effective (Yes or No)
	Have a systematic method to review construction site plans to comply with NPDES SWP3's and MS4 permit requirements.	Yes			
BMP & Responsible Party Site Inspection Procedures Mayor, Engineer, Service and FSWCD	Measurable Goal	Completed (Yes or No)	Site Inspections Performed # of Applicable Sites	Summary of Results or Activities	Effective (Yes or No)
	Use MS4 Web subscription to track activities.	Yes			
BMP & Responsible Party Enforcement Procedures Mayor, Engineer, Service and FSWCD	Measurable Goal	Completed (Yes or No)	# of Violation Letters	Summary of Results or Activities	Effective (Yes or No)
	Use the stepped enforcement level protocol consistently.	Yes			
BMP & Responsible Party Enforcement Procedures Mayor, Engineer, Service and FSWCD	Measurable Goal	Completed (Yes or No)	# of Enforcement Actions	Summary of Results or Activities	Effective (Yes or No)
	Use MS4 Web subscription to track activities.	Yes			

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

The Village 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 Village 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 Village 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 Village 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)				
Ordinance or Other Regulatory Mechanism Mayor, Engineer, Service and FSWCD	An effective and enforceable regulatory mechanism to comply with NPDES and MS4 requirements. Use MS4 Web subscription to track activities.	Yes	Zoning Code 8.10 and 8.14 Storm Water Management and Stream Protection and Subdivision Regulations Ohio EPA Construction General Permit	Continued to review as codes and permit requirements change.	(Track as required for annual reporting)				
BMP & Responsible Party Post-Construction Requirements Mayor, Engineer, Service and FSWCD	Measurable Goal To maintain effective and fair requirements to comply with NPDES and MS4 requirements. Use MS4 Web subscription to track activities.	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 Mayor, Engineer, Service and FSWCD	Measurable Goal Have a systematic method to review construction site plans to comply with NPDES and MS4 requirements. Use MS4 Web subscription to track activities.	Yes	# of Applicable Sites Requiring Post-Const. BMPs (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 Mayor, Engineer, Service and FSWCD	Measurable Goal Have a systematic and well documented site inspection process to comply with NPDES and MS4 requirements. Use MS4 Web subscription to track activities.	Yes	Site Inspections Performed <table border="1" data-bbox="854 957 1211 1199"> <thead> <tr> <th data-bbox="854 957 1114 1199"># Performed</th> <th data-bbox="1114 957 1211 1199">Avg. Frequency</th> </tr> </thead> <tbody> <tr> <td data-bbox="854 957 1114 1199">(Track as required for annual reporting) Maintain a table of all underground water quality units with inspection dates.</td> <td data-bbox="1114 957 1211 1199">Property managers provides a once per year inspection to the Village and the Village spot checks 20% of them annually</td> </tr> </tbody> </table>	# Performed	Avg. Frequency	(Track as required for annual reporting) Maintain a table of all underground water quality units with inspection dates.	Property managers provides a once per year inspection to the Village and the Village spot checks 20% of them annually	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	Avg. Frequency								
(Track as required for annual reporting) Maintain a table of all underground water quality units with inspection dates.	Property managers provides a once per year inspection to the Village and the Village spot checks 20% of them annually								

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Violations		Summary of Results or Activities	Effective (Yes or No)
			# of Violation Letters (Track as required for annual reporting)	# of Enforcement Actions (Track as required for annual reporting)		
<p>Enforcement Procedures Mayor, Engineer, Service and FSWCD</p>	<p>An effective and enforceable regulatory mechanism and protocol to comply with NPDES and MS4 requirements. Use MS4 Web subscription to track activities.</p>	Yes			Continued to implement to comply with NPDES and MS4 requirements.	(Track as required for annual reporting)
<p>BMP & Responsible Party Long-Term O&M Plans/Agreements Mayor, Engineer, Service and FSWCD</p>	<p>To require all post-construction BMPs to have a lifelong O&M plan and agreement that stays with the property through change of ownership. Use MS4 Web subscription to track activities.</p>	Yes	# of Sites Requiring Plans/Agreements (Track as required for annual reporting)	# of Plans Developed/Agreements in Place (Track as required for annual reporting)	Continued to implement to comply with NPDES and MS4 requirements.	(Track as required for annual reporting)

POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

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

The Village has a variety of programs in place to provide 'good housekeeping' .

Priorities of the 5 year period are:

- Continue regular monitoring and inspection of facilities

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	IDDE policy Storm water pollution roads SPCC Construction site runoff Facility Storm Water pollution from facilities	Village maintenance staff, inspectors and supervisors.	(Track as required for annual reporting)	(Track as required for annual reporting)	(Track as required for annual reporting)
Mayor, Engineer, Service and FSWCD							
List of Municipal Facilities Subject to Program							
Service Garage				O&M Procedures Developed for Facilities (Yes or No)		# of Facility Inspections Performed	Frequencies of Such Inspections
<i>Water Treatment Plant</i>				Quarterly inspections shall be documented. Service Garage – Yes W/P – yes		(Track as required for annual reporting)	(Track as required for annual reporting)
Summarize Maintenance Activities and Schedules							
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)							
Disposal of Wastes	Yes.					(Track as required for annual reporting and assure the receiving facility is permitted to accept such waste and provides receipts.)	
Document Amounts of Wastes Properly Disposed							
Road Salt	Yes.		Tons Used (Track as required for annual reporting)			Summarize Measures Taken to Minimize Usage (Track as required for annual reporting)	
Pesticide & Herbicide Usage	Yes		Gallons Used (Track as required for annual reporting)			Summarize Measures Taken to Minimize Usage (Track as required for annual reporting)	
Fertilizer Usage	Yes. They are not typically used by the Village.		Pounds Used (Track as required for annual reporting)			Summarize Measures Taken to Minimize Usage (Track as required for annual reporting)	
Document Amount of Material Collected and Properly Disposed							
Street Sweeping	Yes. Tracking receipts for proper disposal at an approved facility.					(Track as required for annual reporting)	
Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality							
Flood Management Projects	There are no FEMA regulated Floodplains in the Village at this time.						
NA							