

City of Mason



Construction Site



Illicit Discharge



Post Construction

Storm Water Management Program



Public Participation



Good Housekeeping



Public Education

City Manager: Scot Lahrmer
City Engineer: Richard Fair

EXHIBIT "A"

Ordinance 2003 - _____

Passed _____, 2003

Storm Water Management Program



**Prepared By:
CITY OF MASON
ENGINEERING DEPARTMENT**

March 10, 2003

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City of Mason, Ohio Storm Water Management Program

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Public Works Department:	Dave Riggs, Bob Behan

Their diligence and perseverance to see that the City of Mason is a clean, safe place to live, work and play is reflected throughout this Storm Water Management Plan.

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Prepared by: Kathy Dorman
Stormwater Engineer
City of Mason

Introduction

On April 23, 2001 the City made its first step toward compliance with the National Pollutant Discharge Elimination System - Phase II Regulations and established a Stormwater Management Utility and the Stormwater Utility rate structure. The basis of the Utility was to



maintain and improve the existing storm water system as well as focusing on improving water quality in all streams throughout Mason.

Establishing a storm water utility, has allowed the City to take a more aggressive approach to stormwater management. Prior to implementing the Utility, the City of Mason's Engineering Department updated the Design and Construction Requirements, established an in depth Plan Review Process, started requiring an Erosion & Sediment Control Plan and created a Floodplain Overlay District. Since the Utility has been established, the City's storm water efforts have expanded to include design and construction of projects from the Capital Improvement Projects list, collection system inventory, maintenance and repair, detention basin inventory, as well as implementing several of the Best Management Practices (BMP's) required by the NPDES Phase II permit.

This Storm Water Management Program is designed to help the City of Mason continue practicing all existing BMP's, while incorporating several new BMP's suggested by the U.S. EPA that specifically address water quality. Some of the BMP's the City is currently practicing include: the Street Cleaning Program, Pollution Prevention and Good Housekeeping; enforcement of Illegal Dumping, Illicit Discharge Detection and Elimination; the Storm Drain Stenciling and Mason Matters Articles with help from the Warren County Soil and Water Conservation District (SWCD), Public Education and Public Involvement/Participation; and standard Engineering Design Review, i.e. use of Storm Drain Inlet Protection, review of Soil Erosion and Sediment Control Plans, Construction Site Runoff Management and Control.

In reviewing the water quality BMP's already developed, implemented and enforced by the City of Mason, it is easy to see that past practices have had a positive impact on the water quality of Mason's streams. The most significant source of pollution found in City's waterways appears to be suspended solids. Therefore, the focus of this Storm Water Management Program is on introducing additional BMP's. Additional BMP's have been inter-dispersed with existing utilized BMP's in order to better address this pollutant and improve water quality throughout the City.

Public Education and Outreach on Storm Water Impacts And Public Involvement/Participation

Introduction

Public education, outreach, participation and involvement are key to the development and success of the City of Mason's Storm Water Management Program. The City of Mason's Engineering & Building Department and Parks & Recreation Department in conjunction with Warren County Soil & Water Conservation District will provide a stormwater education, outreach, participation and involvement program for Ohio EPA's Phase II storm water regulations. The final rule requires the development and implementation of a public education/outreach program and a public involvement/participation that includes the following:

Public Education and Outreach Program:

A public education program to distribute educational materials to the community

Conduct outreach activities informing the community about the impact of stormwater discharges and steps the public can take to reduce pollutants in storm water runoff

Public Involvement and Participation Program:

Compliance with state and local public notice requirements

Education, outreach and participation/involvement will focus on enhancing existing educational programs using volunteers with coordination of efforts by the Warren County Soil and Water Conservation District and the City of Mason's Parks and Recreation Department. Outreach and educational activities will be provided on a non-discriminatory basis with equal access for all citizens.

The strategies and goals that the City of Mason agrees to fulfill as part of the Phase II stormwater regulations are shown below in Table 1. Each strategy is discussed in more detail in the text following the table.

Table 1. Public Education/Outreach & Involvement/Participation: strategies for the City of Mason's Phase II Storm Water Program

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
1. Storm Drain Stenciling	Continue to educate school children, residents and workers that dumping to drains means dumping to the Little Miami River, which drains to the Ohio River, where our drinking water comes from. Utilizing schools and civic groups as volunteers.	Ongoing, All inlets stenciled Dec/2007 (After Dec/2007) A maintenance program will begin checking the integrity of existing stencils and repair, if needed	Number Drains stenciled, and number of drains remaining to be stenciled (Completed vs. Remaining)	Warren SWCD Volunteers/ Students

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
2. Door Hangers	In coordination with the stenciling program, to state the purpose of the stencils and tips for controlling non-point source pollution.	Ongoing, In areas where inlets are stenciled Door hangers on all areas being maintained	Number of door hangers used	Warren SWCD Volunteers/ Students
3. Fact Sheets/ Information -Utility Bill Insert	Continue to distribute "Erosion Control for Home Builders" with all building permits. Issue a flier for utility billing inserts. Create a library of information to educate the residents and workers about stormwater issues.	Ongoing, Update as needed Dec/2003, yearly to 2007, then bi-annually basis (even years) Dec/2004 Ongoing	Number of building permits issued Number of fliers mailed each year Number people visiting site	Building Department Warren SWCD Warren SWCD
4. Write articles and survey for local papers	Continue to educate the residents about storm water issues.	Ongoing	Number of Surveys Returned	Stormwater Engineer
5. Create a Storm Water Section for the City Web Site	Educate the Mason population and others visiting the web site about storm water and the impact of surface water pollution.	Dec/2004, update as needed	Number people visiting site	City's Web Team & Engineering Department
6. Display Boards various location	Educate diverse audiences on stormwater issues and impacts of pollutants on storm water.	Complete Dec/2005, then rotate between Facilities	Number/places displayed, number of people viewing display	Engineering Department

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
7. Stream Monitoring	To continue the existing monitoring of the Pine Hill Lake.	Ongoing	Accumulation of monitoring lake's database	Parks & Recreation Department
	To continue the existing "Spring" Into the Creek nature program.	Ongoing	Amount of participation in program	Parks & Recreation Department
	To expand monitoring program to include stream monitoring.	Baseline QHEI developed for each stream by Dec/2006	Improvements shown through time in the stream's database	Warren SWCD
	Utilizing schools and civic groups as volunteers.	Groups to be established by Dec/2007		Volunteers
8. Heritage Festival:	Educate residents about general environmental topics and issues.	Ongoing	Number of people visiting booth	Engineering Department
-Survey	Survey the general public to determine local storm water knowledge.	Complete survey by Jan/2004 and compare results annually thereafter	Number of completed surveys	Engineering Department
- Activity	Create environmental activity having to do with storm water.	By May/2004, then annually at the Festival	Number of People participating in the activity	Engineering Department
- Distribute storm water information	To promote public participation in stormwater programs.	On Going	Number of pamphlets distributed	Engineering Department

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
9. Educational Seminars/ Public Meetings:	Informational meetings for residents and business owners on stormwater and non-point source pollution.	All businesses/ industries will be supplied information by 2007	Number of people attending	Warren SWCD
- City Council and Governmental Employees	Seminar covering pollution of stormwater and erosion/ sediment control during construction activities.	Yearly basis through 2007	Number of people attending	Warren SWCD
- Developers and Builders	Sedimentation & erosion Control seminar for Contractors & Developers.	Ongoing, bi-annual basis Mar/2004	Number of people attending	Engineering Department
- Homeowners Associations	Create stormwater informational packet to handout to new HOA Board Members.	Complete by Jun/2004 distribute yearly to new HOA's and new HOA boards	Packets delivered annually	Engineering Department

Target Audiences

One of the goals of the storm water educational program is to reach all audiences that live and work in the City of Mason. The different categories of audiences, identified in Table 2, include elementary school children, middle/high school children, adult residents, including renters and homeowners, seniors, homeowners associations, business and industry, construction crews and developers, and city government officials and employees. The strategies are listed below, along with the target audiences. The check marks indicate which strategy is targeted to what audience.



Warren SWCD/ School coordinated
Storm Drain Stenciling

Table 2. Target Audience for the Phase II Storm Water Education Plan

Public Education, Outreach, Involvement and Participation Strategies	Audience							
	Elementary School Children	High/Middle School Children	Adult Residents	Seniors	Homeowner Associations	Business and Industry	Construction and Development	City Government Officials & Employees
Fact Sheets/ Information	X	X	X	X	X		X	X
Utility Bills			Primary	X				
Newspaper Articles	X	Primary	Primary	X	X	X	X	X
City Web site-Internet		X	Primary	X	X	X	X	
Storm Drain Stenciling		Participate	X	X	X			
Door Hangers		Participate	X	X	X			
Display Boards	X	X	X	X				
Stream Monitoring	X	X	X	Participate				
Heritage Festival	X	X	X	X				
Coloring Booklet/Activity	Primary	X	X					
Flyers		X	Primary	X	X	X	X	X
Surveys		X	Primary	X				
Seminars/Public Meetings			Primary	X	X	X	X	X

Strategies

1. Storm Drain Stenciling

The purpose of storm drain stenciling is to discourage people from dumping waste and other potential contaminants into the storm drains. The Warren SWCD will coordinate the active and on-going stenciling program. Local schools will be used as the volunteer force along with other interested civic groups (such as girl or boy scouts, garden clubs and sportsmen or environmental associations). The goal will be to have every storm drain inlet marked with a “no dumping” message also stating the stream or lake receiving the storm water. All storm drain inlets will be stenciled by 2007 or sooner. When all drains have been marked a maintenance program will be put in place. The maintenance activity will use the same volunteer force to scout for replacement or remarking. The Warren SWCD will be responsible for coordinating stenciling.



Mason matters Article, October 2002




2. Door Hangers

In coordination with the above stenciling program, a message will be hung on each door in the neighborhood of the marked drain. These hangers will state the purpose of the markings and tips for controlling non-point pollution around the home. During maintenance activities, information will be posted on all doors of the neighborhood receiving maintenance. The Warren SWCD will be responsible for coordinating door hanger efforts.

3. Fact Sheets/ Information

A library of information on non-point pollution and prevention will be housed at the Warren SWCD. The information will be available at the District's web site (www.warrenswcd.com).

The information will consist of at least the following categories:

-  Sources of non-point pollution
-  Prevention of non-point pollution (residential, commercial, governmental and industrial)
-  How to become involved (monitoring activities, stream clean-ups, etc.)

An informational flier will be inserted into utility bills on a yearly basis from 2003 to 2007. Afterward, fliers will be inserted on at least a bi-yearly basis (even years).

4. Newspaper Article

The purpose of writing a newspaper article is to reach all residents in the City of Mason concerning storm water issues, including where it comes from, why it is a problem, the final destination of storm water, and the connection of storm water to our drinking water. Over the past three years alone, the City of Mason has printed over 15 articles concerning such topics as *Who's responsible for basin upkeep?*, *Fall leaf collection program begins*,

Markers promoting clean water, Help keep our streams healthy, Options for Yard Waste, and Stormwater Utility begins in October, How can you help...! As an ongoing commitment to the community article will be published in the Mason Matters, which is distributed to all City of Mason residents, business and industry on a quarterly basis. The purpose of the articles is to increase knowledge about local stormwater issues. Measurement of the success of this strategy is will be the number of articles and any response received from residents concerning the articles.



5. Storm Water WEB Site

The Internet should be one of the best places to get information concerning the city. The Engineering Department will assemble information needed to build a comprehensive stormwater Web site for the City of Mason. This Web site will help educate residents about the natural aspects of storm water and the effects of contaminants on storm water. Also to be included on the Web site is what the City of Mason is doing to address storm water issues as well as links to other governmental stormwater sites. This Web site will be constantly available to residents. The control measure will be the number of people visiting the site. The Engineering Department will be responsible for providing the information for the Web site, and the City's Web Team will create the Web Site.



6. Display Boards

In order to reach a more diverse audience, display boards appropriate for all ages will be created. These boards will be mostly oriented towards residents (children, adults and seniors) living in Mason. This display will cover educational messages concerning what storm water is, and how human activities can affect the quality of storm water. The display will be offered on loan to the Mason Public Library, the Fitness Center, Mason's Community Center, Mason's Municipal Center, each of the Mason public schools, and other public areas in Mason.

7. **Lake and Stream Monitoring**

The City's Parks and Recreation Department will continue the lake monitoring and stream education programs in which residents currently participate. While new stream the Warren SWCD using volunteers from civic groups and schools will coordinate monitoring. The existing "Adopt a Stream" program will be used as a model. Monitoring activities will consist of seasonal surveying of water quality indicators such as macro invertebrate communities, cross sectional stream characteristics and QHEI (Qualitative Habitat Evaluation Index). The primary focus will be on streams that are not already monitored by Ohio EPA (under CWA Sec 305-b). A database of stream monitoring reports will be kept on file at the Warren SWCD and available for public review. The goal of this program will be to have stream monitoring volunteer groups for every stream with a watershed area of one (1) square mile or larger in incorporated areas and two and one half (2.5) square miles or larger in unincorporated areas. The groups are to be established by 2007. The measure of success will be improvements shown through time in the database for the stream. A baseline QHEI will be developed for each stream by the end of 2006. Improvements documented by Ohio EPA as part of their monitoring activities will be a definitive measure of the overall stormwater program. Either the groups themselves or the Warren SWCD on a yearly basis will present the findings and activities of the watershed/stream monitoring groups. Presentation will be given to city council (or other appropriate body) at a public meeting.



Pine Hill Lake is one current location of volunteer lake testing.

8. **Heritage Festival**

Every August, the City of Mason hosts the Heritage Day Festival. At the event, all city departments have booths highlighting their department's activities. At the Engineering Department's booth, the engineering staff distributes pamphlets and answers questions concerning environmental issues relevant to residents. The Engineering department will also create or use a brochure concerning storm water and distribute it at the festival. When completed, the display boards mentioned in #6 will also be used at this event. The city will create a survey to be completed at the festival. This survey will be designed to measure resident's awareness of storm water knowledge and issues. The same survey will be used annually, and results will be used to help determine what articles are needed for Mason Matters and to establish a baseline to gauge public awareness of storm water issues before the proposed activities are implemented. The control measure will be the number of surveys filled out with responses compared yearly. The Engineering Department will have one activity to involve children and/or adults. Finally, the city will utilize this event to promote public participation in stormwater programs, such as Stream Monitoring, Drain Stenciling, and future Public Meetings and Events.

9. Educational Seminars/ Public Meetings

A. Meetings for the Residents, Businesses and Industries

The Warren SWCD will sponsor/co-sponsor informational meetings on stormwater and non-point pollution for citizens and land users. Economy of available time from business and industry will be considered and informational activities will coincide with existing meetings where possible. Businesses and industries not attending any of the meetings during the first two years (2003 and 2004) will be inventoried and visited personally by the Warren SWCD. By 2007 all business and industry will be supplied with information. Upon request, the SWCD or other appropriate representative will visit local businesses and assist them with individual plans to prevent non-point pollution from stormwater runoff.

B. Mason City elected and appointed officials, and employees

Seminars will be presented to city or county government departments covering pollution of stormwater and erosion/sediment control during construction activity. The seminars will be given on a yearly basis until 2007. At the end of the permit period the program will be reassessed to determine the frequency of future meetings. Updates and additional informational meetings will be held on at least a bi-annual basis after 2007.

C. Builders and Developers

The City of Mason currently conducts a workshop for homebuilders, contractors and local officials. The topic of sediment and erosion control in the stormwater system as well as proper installation of control measures are covered. Brochures and flyers developed for the other educational strategies will also be utilized. The workshop will be held bi-annually with the next workshop scheduled for Jan/Feb 2004. The control measure will be the number of interested parties attending the workshop. The Engineering Department will be responsible for putting together the curriculum and agenda for the workshop.



D. Homeowners Associations

The purpose of this presentation is to educate homeowners associations on all aspects of storm water. The impact of human activities on storm water quality and the importance of proper maintenance of detention basins and streams will be emphasized. Informational packets will be created and handed out to new HOA Board Members. This will be an annual presentation. The control measures will be the number of people attending the presentations.



Additional Involvement

During the preparation of the four remaining Minimum Control Measures of the plan, meetings were held with all departments since manpower, enforcement and departmental procedures needed to be addressed. The Engineering Department met several times with each department to go over the requirements and provide input into the strategies for Illicit Discharges, Construction Site Runoff, Post Construction Storm Water Management, and Pollution Prevention/Good Housekeeping.

A public involvement meeting was advertised and held on February 24, 2003 and March 10, 2003. Comments from the public meeting have been compiled. Disposition of all comments are attached at the back of this document. Additionally, the Storm Water Management Plan will be posted on the City Web Site by April 30, 2003 with an invitation to the public for comment.

Finally, the City Engineer as an agenda item will initiate an annual public review of the program during a City Council meeting to involve the public in the overall plans review and evaluation of the Storm Water Management Program.

Summary

The City of Mason has presented an educational strategy for education and public participation for Ohio EPA's Phase II Storm Water regulations. The tasks to be performed, along with the goals, control measures, and responsible parties are presented. These tasks will be evaluated, as needed or required, for effectiveness and changes.

Illicit Discharge Detection And Elimination

Introduction

Illicit discharges enter the storm water system through either direct or indirect connections to the system. The results of these illicit discharges are higher levels of pollutants in the receiving bodies of water that degrade the water quality and threaten aquatic, wildlife, and human health. The final rule requires the development and implementation of an illicit discharge detection and elimination program that includes the following:

A storm water system map, showing the location of all outfalls and the names and location of all waters of the United States that receive discharges from those outfalls;

An ordinance, or other regulatory mechanism, a prohibition on non-storm water discharges into the City, and appropriate enforcement procedures and actions;

A plan to detect and address non-storm water discharges, including illegal dumping; and

The education of public employees, businesses, and the general public about the hazards associated with illegal discharges and improper disposal of waste; and

The strategies and goals that the City of Mason agrees to fulfill as part of the Phase II storm water regulations are shown below in Table 1. Each strategy is discussed in more detail in the text following the table.

Table 3. Illicit Discharge Detection & Elimination: strategies for the City of Mason's Phase II Storm Water Program.

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
1. Failing Septic Systems (HSTS)	Determine and create database for all HSTS's within the city.	List completed Dec/2003	List HSTS	Engineering Department
	Create a map showing all HSTS's locations with in the city.	GIS map completed Dec/2004	Map of HSTS's	GIS Section
	Log HSTS complaints, and inspections.	Ongoing	Number of complaints/ inspections logged per year	Engineering Department/ Warren Co. Health Department
2. Sanitary Sewer Overflow	Identify and document all sanitary sewer overflows.	Ongoing	Reduction of listed overflows	Public Utilities Department
	List corrective action to prevent future overflows.			

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
3. Storm Sewer Mapping	Field verify outfalls.	Yearly through Dec/2007	Listing of streets/areas completed per year	Engineering Department
	Update current GIS map as field verification is completed.	Dec/2007	Completed updated map	GIS Section
4. Industrial/Business Connections	Education on reporting illicit connections. Setup Hotline.	Dec/2003, yearly basis through 2007	Number of people attending	Engineering Department
	Begin field detection of dry weather discharges.	Aug/2004	Listing of tributaries completed	Public Works Department
	Smoke test questionable circumstances.	As needed	Corrective action taken	Public Utilities Department
5. Illicit Connection Detection	Develop a smoke and dye-testing program to locate cross connections.	Dec/2003	Number of violations found	Public Utilities Department
	Begin testing of suspect areas.	Jan/2004		
6. Wastewater Connections to Storm Sewer	Monitor possible connections through reported complaints.	Ongoing	Number of complaints and violations found	Engineering Department/ Public Utilities Department
	Complete TV inspection, dye testing and smoke testing.	As needed		
7. Illegal Dumping	Evaluate existing procedure. Review log of complaints and violations.	Jan/2004	Number of complaints and violations found	Engineering Department
	Update procedure	May/2004	Completed procedure	
	Distribute educational materials.	Ongoing	Amount of material distributed	

Strategies

1. Failing Septic Systems

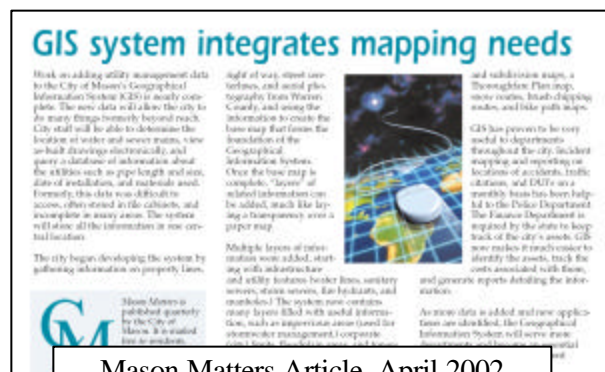
The City of Mason has a minimal number of Home Sewage Treatment Systems (HSTS) located within the city limits. Current City Ordinances require all properties located within 100 feet of an existing or new sanitary sewer main to connect directly to that sewer main. The Warren County Health Department is the regulatory agency responsible for the inspection and proper operation of Septic Systems within the City of Mason. In order to locate failing septic systems while monitoring stream quality the City of Mason will create an inventory of any septic systems found. The City will notify the County of any septic system problems reported or noticed during stream monitoring activities.

2. Sanitary Sewer Overflows

The City recently removed four sanitary sewer overflows from the sanitary system and has only one permitted overflow in use. The last permitted overflow is scheduled for removal with the construction of the new Water Reclamation Facility. Any sanitary sewer overflows occurring through surcharged manholes will be documented and investigated to identify the cause. Ongoing corrective action will be done to prevent future overflows.

3. Storm Sewer Mapping

The City currently utilizes GIS to map its utilities and is updated through AutoCAD as-built drawings required from developers. A majority of the City's infrastructure is less than 20 years old and the developers were required to submit the improvements in electronic format to be incorporated into the GIS Database and mapping. The map is currently being field verified by the City for accuracy. The map will also be utilized during dry weather to determine if non-storm water discharge is occurring. Field verification of outfalls by visual inspection using existing maps will be performed. All verifications and updates to the storm sewer map will be completed by December 2007; any additional sewers found will be added to the map. Additional items will be added to the storm water map. These include home sewage treatment systems in order to allow future monitoring of these locations.



Mason Matters Article, April 2002

4. **Industrial/ Business Connections**

The City will begin educating volunteers and employees on identifying and reporting illicit connections by December 2003. All employees and residents will be educated on detection of illicit connections and reported problems will be investigated. In August of 2004 the City will begin field detection of dry weather discharges to storm sewers. Smoke testing will be done in questionable cases. All complaints, violations, and corrections received by the City will be incorporated into a database.

5. **Illicit Connection Detection**

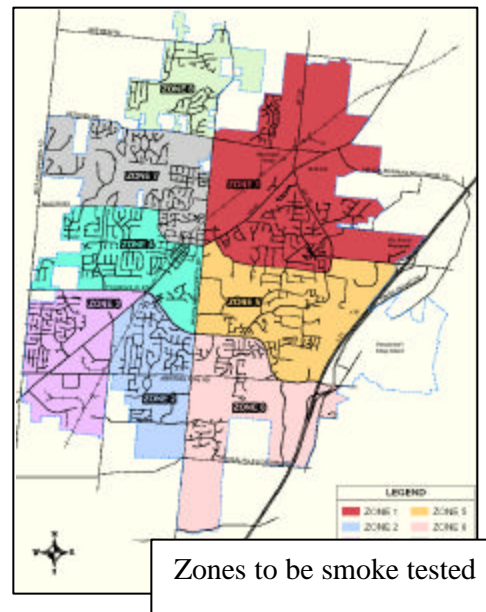
The City's Public Utility Department will begin to develop an aggressive smoke-testing program by December 2003. This program will begin throughout the City by January 2004 and used to determine cross connections within the sanitary and storm systems. TV inspection will also be done to determine possible cross connections. Any reported detections will be investigated and incorporated into a program to correct all illicit connection.

6. **Wastewater Connection to the Storm Sewer**

Wastewater connections into the storm sewer will be monitored through logging of reported complaints and investigated through TV inspection of storm lines, smoke testing and dye testing as needed. Corrective action will be required and enforced through current City Codified Ordinances.

7. **Illegal Dumping**

The City will evaluate existing procedures and update, as needed, all reporting procedures for any illegal dumping both chemical and solid. The Engineering Department will utilize a list of all known site-specific hazardous chemicals from Fire Department to aid in the detection of illicit discharges. Problems and violations will be logged. Education material on the affect of chemicals on the environment will be distributed to the public and businesses. A log of all reported illegal dumps will be maintained and evaluated. If problem areas are noted, The City will install "No Dumping" signs as a deterrent and increase police visibility in the noted problem areas.



Education

Detection of illicit discharges in stormwater runoff is important for the success of the City's Program. Education and training will be provided to all employees as well as volunteers that monitor the storm water system. The City will explore educational materials available from the EPA, trade associations, and other local government agencies. Coordination with public education programs may be done on a case-by-case basis.



Summary

The City of Mason has presented an illicit discharge and detection strategy for Ohio EPA's Phase II Storm Water regulations. The tasks to be performed, along with the goals, control measures, and responsible parties are presented. These tasks will be evaluated, as needed or required, for effectiveness and changes. The plan was developed using existing City services and personnel to accomplish the goals in the most cost efficient manner.

Construction Site Runoff Management and Control

Introduction

Polluted storm water runoff from construction sites ultimately discharge into local rivers and streams. The final rule requires the development, implementation and enforcement program to reduce pollutants in construction runoff for sites greater than or equal to 1 acre. The program requires the following:

An ordinance, or other regulatory mechanism, requiring the implementation of proper erosion and sediment controls, and controls for other wastes on applicable construction sites;

Have procedures for site plan review of construction plans that consider potential water quality impacts; Determine the appropriate BMPs and measurable goals.

Have procedures for site inspection and enforcement of control measures; Have sanctions to ensure compliance;

Establish procedures for the receipt and consideration of information submitted by the public; and

Develop and implement strategies, which include a combination of structural, and/or non-structural best management practices (BMPs);

Determine the appropriate BMPs and measurable goals.

Ensure adequate long-term operation and maintenance of controls;

The strategies and goals that the City of Mason agrees to fulfill as part of the Phase II storm water regulations are shown below in Table 1. Each strategy is discussed in more detail in the text following the table.

Table 4. Construction Site Runoff Management: strategies for the City of Mason's Phase II Storm Water Program.

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
1. Storm Drain Inlet Protection	Require on all inlets subject to development area runoff until the entire area is stabilized.	Ongoing	Ord. 89-131, Stormwater Manual and plan review	Engineering & Building Department

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
2. Land Grading	An Erosion and Sediment Control Plan is required for all land disturbing activities. Approval required before grading begins.	Ongoing	Ord. 89-131, Stormwater Manual and plan review Regular inspection	Engineering & Building Department
3. Permanent Diversions	Used to keep the effects of erosions from undisturbed areas.	Ongoing	Ord. 89-131, Stormwater Manual and plan review Regular inspection	Engineering & Building Department
4. Natural Vegetation	City has the right to limit the amount of natural vegetation that is removed.	Ongoing	Ord. 89-131, Stormwater Manual and plan review Regular inspection	Engineering & Building Department
5. Construction Entrances	A construction drive has to be put in place prior to any construction and has to be maintained as need through out the project.	Ongoing	Ord. 89-131, Stormwater Manual and plan review Regular inspection	Engineering & Building Department
6. Check Dams	Regularly used to slow water velocity to prevent erosion.	Ongoing	Ord. 89-131, Stormwater Manual and plan review Regular inspection	Engineering & Building Department
7. Grass Channels	Used to slow runoff velocity and help remove suspended solids.	Ongoing	Ord. 89-131, Stormwater Manual and plan review Regular inspection	Engineering & Building Department

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
8. Riprap	Required at outfalls and channeled areas that are prone to soil erosion. Must be maintained throughout construction.	Ongoing	Ord. 89-131, Stormwater Manual and plan review Regular inspection	Engineering & Building Department
9. Mulching	Used on sloping hillsides with low velocity flows as needed.	Ongoing	Ord. 89-131, Stormwater Manual and plan review Regular inspection	Engineering & Building Department
10. Sodding	Used on slopes as need where seeding is not effective.	Ongoing	Ord. 89-131, Stormwater Manual and plan review Regular inspection	Engineering & Building Department
11. Soil Roughening	All excavated areas are required to have typical soil roughening to minimize erosion.	Ongoing	Ord. 89-131, Stormwater Manual and plan review Regular inspection	Engineering & Building Department
12. Temporary Diversions	Used in areas to slow water velocity and prevent damage to undisturbed areas.	Ongoing	Ord. 89-131, Stormwater Manual and plan review Regular inspection	Engineering & Building Department
13. Silt Fence	Used to intercept sediment and slow velocity of sheet flows.	Ongoing	Ord. 89-131, Stormwater Manual and plan review	Engineering & Building Department
14. Sediment Traps, Dams	Used to trap sediment from disturbed areas.	Ongoing	Ord. 89-131, Stormwater Manual and plan review	Engineering & Building Department

Strategies

1 - 14. Construction Site Runoff Management

The City uses a variety of practices to reduce erosion and sediment from any land disturbing activities equal to or greater than one acre or residential lots part of a greater development plan. All control measures are outlined in the City of Mason Stormwater Management Policy manual and is enforced by City Ordinances 89-131 and 99-207 (Zoning Ordinance). Failure to maintain proper control measures can result in stop work orders or fines up to \$100 for every offense, where as each day's violation constitutes a separate offense. Developers and contractors are required to keep all streets cleaned at all times during construction. Inspection for proper erosion and sediment control will be increased throughout the City of Mason.



Silt fence

Education

Proper installation of the construction site stormwater runoff control measures is important for the success of the City's Program. Education and training will be provided to all employees as well as contractors and developers that are required to install and maintain control measures to prevent or reduce storm water pollution. The City will explore educational materials available from the EPA, trade associations, and other local government agencies. Coordination with public education programs may be done on a case-by-case basis.

Summary

The City of Mason has presented a construction site stormwater runoff control strategy for Ohio EPA's Phase II Storm Water regulations. The tasks to be performed, along with the goals, control measures, and responsible parties are presented. These tasks will be evaluated, as needed or required, for effectiveness and changes. The plan was developed using existing City services and personnel to accomplish the goals in the most cost efficient manner. Many of the ordinances and planning tools are already in place and were recently updated and will continually be updated as the need arises.

Post Construction Storm Water Management and Control



Introduction

Polluted storm water runoff from post-construction sites ultimately discharge into local rivers and streams. The final rule requires the development, implementation and enforcement program to reduce pollutants in runoff for sites greater than or equal to one acre. The program requires the following:

Have procedures for site plan review of construction plans that consider potential water quality impacts; Determine the appropriate BMPs and measurable goals.

Have procedures for site inspection and enforcement of control measures;

Have sanctions to ensure compliance;

Establish procedures for the receipt and consideration of information submitted by the public; and An ordinance, or other regulatory mechanism, requiring the implementation of post-construction runoff controls to the extent allowable under local laws;

Develop and implement strategies, which include a combination of structural, and/or non-structural best management practices (BMPs); Determine the appropriate BMPs and measurable goals.

Ensure adequate long-term operation and maintenance of controls;

The strategies and goals that the City of Mason agrees to fulfill as part of the Phase II storm water regulations are shown below in Table 1. Each strategy is discussed in more detail in the text following the table.

Table 5. Post – Construction: strategies for the City of Mason’s Phase II Storm Water Program.

Strategies	Goal	Date of Implementation	Control Measure	Who’s Responsible
1. Bio-retention	Several sites have implemented various bio-retention methods to reduce contaminants in runoff.	Ongoing	Plan Review Approval	Engineering Department
2. Wetlands	City continues to require wetlands to be maintained on new developed sites as a BMP.	Ongoing	Plan Review Approval	Engineering Department

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
3. Buffers	Buffers and setbacks are required on all new development. Each zoning district has a maximum impervious area allowed which maximize green space.	Ongoing	Plan Review Approval	Engineering Department
	Floodplain Overlay District regulates all structures with in floodplain areas.	Ongoing	Plan Review Approval	Engineering Department
4. Dry/ Wet Ponds	Continue site evaluation for proper retention/ detention facilities before construction.	Ongoing	Ord. 89-131, Stormwater Manual and plan review	Engineering Department
	Continue stormwater credit given to sites that design structures that exceed current design regulations.	Ongoing	Listing of Customers with Stormwater Credits	Engineering Department
	An inspection and inventory of basins will be developed.	Ongoing	Map showing retention/ detention inventory	GIS Section
	Inspected bi-annually or more frequently as needed.	Dec/2002	Completed inspection reports	Engineering Department
	Evaluate Regional basins	Jan/2007	Completed evaluation	Engineering Department
5. Grass Swales	Currently in practice. Every site is reviewed for possible use of grass swales as feasible.	Ongoing	Plan Review Approval	Engineering Department
6. Grass Filter Strips	Currently in practice at several sites. Used off of parking areas and roadways.	Ongoing	Plan Review Approval	Engineering Department
7. Catch Basins	Evaluate the use of catch basins with sumps.	Dec/2004	Completed evaluation	Engineering Department
	Test the use of basin inserts.	Dec/2005	List of test sites	Public Works Department

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
8. Manufactured Products	Explore possible use of manufactured products and investigate improved technologies as they are developed.	Dec/2004, yearly thereafter	Report of technologies reviewed yearly	Engineering Department
9. Open Spaces	The city maximizes open space on any newly developed sites through use of maximum impervious area zoning regulations.	Ongoing	Plan Review Approval	Engineering Department
10. Urban Forestry	The city is very active in encouraging tree planting. Maintains a "Tree City USA" standing with the National Arbor Day Foundation. Enforces a landscape code to require tree-planting requirements on all new development.	Ongoing	Tree City USA requirements, Plan View Requirements.	Engineering Department

Strategies

1. Bio-retention

Several sites have implemented various methods to reduce contaminant runoff from parking areas and driveways. Expanding use of bio-retention will be considered on a site-by-site basis through plan review.

2. Wetlands

The City will continue to require developers to preserve wetlands within new construction sites. Expanding use of wetlands for improved water quality in streams will be considered.

3. Buffers

The City requires through current zoning that the Developers maximize buffers and set backs on all new development and/or re-development. No new structures are permitted within the Floodplain Overlay District, unless a detailed engineering study is completed. This practice will continue and be reviewed annually as needed.

4. **Dry/ Wet Ponds**

The City makes maximum effort thorough plan review, and zoning laws to regulate the amount of runoff of new development. All sites greater than one acre have to submit an approved water management plan designed to comply with zoning requirements. The strict regulation of off-site runoff will reduce erosion and flooding downstream of new development. By enforcing the current Stormwater Management Utility Policies and Procedures



One of over 200 retention/ detention basins inspected by the City

Manual, commercial sites can be issue stormwater credit for structures that exceed current requirements. Basins within the City will continue to be inventoried and inspected. Any problems or issues will then be forwarded to the property owner for correction and/or maintenance and is enforced through City Ordinance 521.10. The City will explore possible regional detention sites and will complete the evaluation by January 2007.

5. **Grass Swales**

The City currently uses grass swales in developments throughout the City. Expanding use of grass swales will be considered on a site-by-site basis through plan review.



A Grassed Swale incorporated into a residential development.

6. **Grass Filter Strips**

Several sites have implemented various methods of this BMP to reduce contaminant runoff from parking areas and driveways.

Expanding use of grass strips will be considered on a site by site basis through plan review.

7. **Catch Basins**

The City will explore the use of catch basins with sump bottoms to reduce the amount of suspended solids carried through the storm system. The City will also exploring of the use catch basin inserts or other methods to help improve water quality in the streams. Several existing catch basins located on major thoroughfares will be modified and studied to evaluate the different products their effectiveness on water quality.

8. **Manufactured Products**

The City will explore the use of manufactured products or investigated improved technologies as they come available. If they are found to possibly be effective, test sites will be installed and evaluated.

9. Open Spaces

The City currently requires the Developers to maximize open spaces through regulating the maximum allowable impervious area in new development and/or re-development. This practice will continue and be reviewed annually as needed.

10. Urban Forestry

The City is very active in participating, encouraging and requiring tree planting. The City is a designated by the National Arbor Day Foundation as a “Tree City, USA” community and will continue to pursue this designation. The City landscape code sets requirements for all new developed sites to incorporate trees throughout the development.



Education

Post-construction maintenance of BMP's is important for the success of the City's Program. Education and training will be provided to all employees as well as residents that maintain facilities throughout the City to prevent or reduce storm water pollution. The City will explore educational materials available from the EPA, trade associations, and other local government agencies. Coordination with public education programs may be done on a case-by-case basis.

Summary

The City of Mason has presented a Post-Construction storm water management program for Ohio EPA's Phase II Storm Water regulations. The tasks to be performed, along with the goals, control measures, and responsible parties are presented. These tasks will be evaluated, as needed or required, for effectiveness and changes. The plan was developed using existing City services and personnel to accomplish the goals in the most cost efficient manner. Many of the ordinances and planning tools are already in place and were recently updated and will continually be updated as the need arises.

Pollution Prevention/Good Housekeeping For Municipal Operations

Introduction

The Pollution Prevention/Good Housekeeping section requires the City to examine and subsequently alter their own actions in a way to minimize contamination of storm water discharges. The first element addresses pollution that collects on streets, parking lots, open spaces, and storage and vehicle maintenance areas and is discharged into local waterways. The second element addresses pollution that results from actions taken by the City such as storm sewer system maintenance, flood management practices or land development. The program requires the following:

Development and Implementation of an operation and maintenance program with the ultimate goal of preventing or reducing pollutant runoff from municipal operations into the storm sewer system;

Include employee training on how to incorporate pollution prevention/good housekeeping techniques into municipal operations such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance. (To minimize duplication of effort and conserve resources, the City of Mason may utilize training materials that are available from EPA or relevant organizations);

The strategies and goals that the City of Mason agrees to fulfill as part of the Phase II storm water regulations are shown below in Table 1. Each strategy is discussed in more detail in the text following the table.

Table 6. Pollution Prevention/Good Housekeeping: strategies for the City of Mason's Phase II Storm Water Program.

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
1. Pet Waste Stations	Maintain existing stations and evaluate possible new park locations.	Ongoing, determine additional locations and add as necessary May/2004	Number of times station is refilled	Parks & Recreation Department
	Evaluate additional locations throughout the city.	May/2004	Number of stations added per year	Engineering Department
2. Automobile Maintenance	Continue regular preventive maintenance and fluid recycling programs.	Ongoing	Amount of fluids recycled per year	Public Works Department

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
3. Vehicle Washing	Evaluate current procedures.	Dec/2004	Evaluation completed	Public Works Department
	Construct a contained wash bay.	Dec/2005	Construction completed	Utilities Department
	Educate personnel on proper procedures.	Jan/2005	Number of employees attending	Engineering Department
4. Illegal Dumping	Evaluate protocol for reporting illegal dumping.	Jan/2004	Evaluation completed	Engineering Department
	Enforce existing ordinances.	Ongoing	Number of incidences reported and actions taken	Police Department
	Install signage in problem areas.	June 2004	Number of signs installed	Public Works Department
5. Lawn Care/ Fertilizer	Continue to train staff and require only trained personnel to apply fertilizer.	Ongoing	Maintain current certification requirements	Public Works & Park & Rec. Departments
	Explore alternate fertilize sources.	Dec/2005		Public Works Department
6. Pesticides	Continue to train staff and require only trained personnel and vendors to apply pesticides.	Ongoing	Maintain current certification requirements	Public Works, Park & Rec. Departments
7. Street Cleaning	Continue to sweep all streets and municipal parking lots at least once a month with major thoroughfares more frequently.	Ongoing	Amount of curb miles cleaned annually	Public Works Department
	-After Vehicular Accidents Continue current cleanup procedures after all accidents.	Ongoing	Number of accidents/ amount of absorbent material used	Fire Department
8. Road and Bridge Maintenance	Maintain current roadside litter removal program.	Ongoing	Number of man hours	Public Works Department

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
9. Septic Systems	Monitor HSTS's. Report known problems to the Warren Co. Board of Health	Ongoing	Reported problems, inspection information	Engineering Department/ Warren Co. Board of Health
	Establish an up-to-date inventory of all HSTS's and inspections City wide.	Ongoing	List HSTS	Engineering Department/ Public Utilities Department
	Educate employees on detection.	Yearly basis through 2007	Number of people attending	Warren SWCD/ Engineering Department
10. Storm Sewer Cleaning	Develop an annual maintenance program for storm sewers.	Develop program Dec/2003	Completed program	Engineering Department
	TV and clean sections.	Yearly basis through 2007, at which time the program will be re-evaluated	Linear footage (LF) inspected and cleaned per year	Engineering Department/ Public Utilities Department
11. Chlorinated Water Discharge	Educate public through use of articles.	Aug/2005	Number of articles/ log of reported problems	Engineering Department
12. Hazardous Material Storage	Evaluate current chemical storage practices and make corrective action if needed.	Jan/2005	Evaluation completed	Public Works Department
	Employee education.	Yearly basis through 2007	Number of people attending	Warren SWCD/ Engineering Department
13. Road Salt Application and Storage	Evaluate current procedures, structures and equipment.	Jan/2006	Evaluation completed	Public Works Department

Strategies	Goal	Date of Implementation	Control Measure	Who's Responsible
14. Spill Response/Prevention	Continue utilizing existing spill response plan.	Ongoing	Listing of calls and activity yearly	Fire Department
	Evaluate existing plan.	Jun/2005	Completed evaluation	Engineering Department/ Fire Department
	Educate personnel.	Yearly basis through 2007	Number of people attending	Warren SWCD/ Engineering Department
15. Used Oil Recycling	Advertise local drop off areas within the City.	Ongoing	Number of articles issued	Engineering Department
	Continue recycling at Municipal garage and use of oil heater. Educate employees.	Ongoing	Amount of Oil recycled	Public Works Department
16. Catch Basin Cleaning	Develop a yearly cleaning program.	Jun/2005	Completed program	Public Works Department
	Do yearly inspection and cleaning.	Yearly basis through Jun/2005, then implement new program	Number of catch basins inspected/ cleaned yearly	Public Works Department

Strategies

1. Pet Waste Stations

The City's Parks Department currently has eight (8) Pet Waste Stations within city parks located in areas with high pedestrian traffic. The Parks Department will continue to maintain the existing stations, evaluate existing locations and install new stations as needed. Additional locations, such as along the City's bike paths, will also be evaluated for installation of new stations. Educational materials will be published and posted on park bulletin boards. Informational articles will also be written and published in Mason Matters.

2. Automobile Maintenance

The City will continue the existing maintenance program where all municipal fleet maintenance is performed within an enclosed garage utilizing oil-separating structures. All unused fluids are stored within enclosed areas and all used fluids are



City Fleet Maintenance

recycled as feasible. The City's maintenance schedule for all vehicles minimizes any incidental contamination from leaking fluids and uses "dry clean up" methods for any spills during maintenance activities.

3. Vehicle Washing

Although, the City currently utilizes local car washing facilities for all standard size cars and trucks within the City's fleet, the city's current procedures will be evaluated by December 2004. A new contained washing station is currently being designed and scheduled for construction in 2005. This facility will be utilized for larger city vehicles such as dump trucks, tractors and other machinery. Once the facility is in operation, city employees will be taught the new procedures.

4. Illegal Dumping

A log of all reported illegal dumps will be maintained and evaluated. If problem areas are noted, The City will install "No Dumping" signs as a deterrent and increase police visibility in the noted problem areas.

5. Lawn Care/ Fertilizer

The City currently requires employees to be certified and utilizes certified vendors to perform lawn care and to apply fertilizer on public areas. The City will continue to educate employees on proper application methods and the adverse affects of improper application of fertilizer on the water quality in streams. The City will also explore the use alternate fertilizing materials. Starting with the possibility of utilizing Class-A sludge from the new Water Reclamation Facility.

6. Pesticides

The City currently requires employees to be certified and utilizes certified vendors to apply pesticides on public areas. Pesticides are not widely used in the city and the Parks and Recreation Department severely restricts type of fertilizer used and times of applications. The City will continue to educate employees on proper application of pesticides and look for procedures to reduce the use of all pesticides.

7. Street Cleaning

The City of Mason is currently in the process of replacing the existing sweeper with a modern street sweeper. With the new machine, the Public Works Department will continue is current schedule of sweeping all City streets monthly as weather conditions permit. Major thoroughfares will be targeted for additional sweeping as needed. Municipal owned parking lots would also be swept monthly as weather permits. When accidents occur, the Fire Department and Police Department will continue to perform current clean up procedures. This consists of placement "dry clean up" material on all car fluids and placement of the absorbed fluids and material into the damaged car.



City's Street Sweeper

8. Road and Bridge Maintenance

The City currently does regular roadside litter removal on major thoroughfares and will continue to do so and record the number of hours spent on litter removal per year.

9. Septic Systems

Due to extensive sewage systems throughout the City, there are few HSTS's within the City. As stated previously, the Warren County Health Department is the regulatory agency responsible for the inspection and proper operation of Septic Systems within the City of Mason. In order to assist the County, the City of Mason will create an inventory of the remaining septic systems and notify the County of any septic system problems reported or noticed within the City. As needed, employees will be taught to recognize the signs of a failing septic system.

10. Storm Sewer Cleaning

The City will develop an annual storm sewer maintenance program by December 2003. The yearly program will include televising and cleaning of the existing storm sewer system. This program will be continued through 2007 at which time the program will be re-evaluated and modified as needed.

11. Chlorinated Water Discharge

The City will develop educational articles and pamphlets for distribution to the public. Material will discuss proper ways to drain pools, encourage residents to dispose of chlorinated water through the sanitary sewer or encourage residents to utilize de-chlorination products. The City will log the number of reported discharges and the number of articles and pamphlets distributed.

12. Hazardous Material Storage

The City will evaluate all municipal sites to ensure all hazardous chemicals are properly stored and educate employees on proper storage. A list of all known hazardous chemicals is currently maintained by the Fire Department. This list will be utilized to aid in detecting any illicit discharges that are found. Any changes made or illicit discharges determined will be recorded.

13. Road and Salt Storage

The City will evaluate current procedures, structures and equipment to determine if any improvements can be made to salt contaminated runoff. Annually, employees will also be educated on proper salt application and on the affects of salt on the streams water quality.



Mason Matters Article, July 2001

14. Spill Response/ Prevention

Currently the Fire Department responds to all spills reported. The City will continue to utilize the Fire Departments Spill response program while evaluate these procedures and operations to insure spills are prevented or easily contained and treated. A reporting procedure will be implemented. Annually, employees will be educated on proper spill clean up and prevention.

15. Used Oil Recycling

The Municipal garage recycles used oil for heating purposes and utilizes outside vendors as needed. There are several local businesses that accept used oil. The City will continue to promote these services through articles in Mason Matters. The amount of oil recycled by the City will be recorded.

16. Catch Basin Cleaning

The City will develop an annual catch basin maintenance program in coordination with the storm sewer maintenance by December 2003. The yearly program will include televising and cleaning of the existing storm system. This program will be continued through 2007 at which time the program will be re-evaluated and modified as needed. The number of catch basins inspected and cleaned will be recorded annually.

Education

Good housekeeping of all municipal departments is important for the success of the City's Program. Education and training will be provided to all employees that maintain facilities throughout the City to prevent or reduce storm water pollution. The City will explore educational materials available from the EPA, trade associations, and other local government agencies. Coordination with public education programs may be done on a case-by-case basis.

Summary

The City of Mason has presented a Pollution Prevention/Good Housekeeping program for Ohio EPA's Phase II Storm Water regulations. The tasks to be performed, along with the goals, control measures, and responsible parties are presented. These tasks will be evaluated, as needed or required, for effectiveness and changes. The plan was developed using existing City services and personnel to accomplish the goals in the most cost efficient manner. Many of the ordinances and planning tools are already in place and will continually be updated as the need arises.



Storm Water Management Program Rationale

The Storm Water Management Program main focus for the City of Mason is to remove the maximum amount of suspended solids from storm water. This appears to be the most significant source of pollution found in City waterways. The City also understands the importance of the removal of other pollutants which are less prevalent in City waterways. Through the listed best management practices, the City will be active in concentrating on all pollution and significantly on suspended solids. The City's goal is to assess the current level of suspended solids and determine a goal of removal. Warren SWCD will conduct stream sampling to monitor progress.

Memorandum of Understanding

Working Agreement between the Warren County Soil and Water Conservation District
and
the City of Mason

This Agreement, effective January 1, 2003 is made between the City of Mason, Hereinafter referred to as the City, and the Warren Co. Soil and Water Conservation District, hereinafter referred to as the District.

WITNESSETH:

WHEREAS, Phase 2 Stormwater Regulation requires the City to obtain a permit to discharge stormwater into streams of the state: and

WHEREAS, an ongoing education and public outreach and involvement program is part of the Phase 2 Permit, and

WHEREAS, the District has an educational outreach program county-wide that addresses natural resource conservation, of which non-point source pollution is a component, and

WHEREAS, the District's program could be expanded to cover Phase 2 educational and public outreach permit requirements, and

WHEREAS, both the City and the District share streams of the state and have mutual interest in water quality and stream protection

NOW THEREFORE, in consideration of the promises and mutual covenants herein set forth, it is agreed by the parties hereto as follows:

1. THE DISTRICT WILL:

- (a) Share responsibility for the creation and implementation of the public education, outreach and participation/involvement components of the City's NPDES Stormwater Phase 2 Permit.
- (b) Provide a minimum of two informational articles per year for incorporation into newsletters, mailings, etc.
- (c) Conduct school classroom presentations upon request from grades K-12 covering non-point pollution and phase 2 requirements.
- (d) Make a minimum of one presentation every other year on non-point pollution and prevention to City employees and officials.
- (e) Serve as the contact and coordinating agency for citizen group activities in stream clean-up days, storm drain stenciling, and stream monitoring for macro invertebrates.
- (f) Provide information and technical assistance for streambank stabilization projects on private and public lands.
- (g) Provide assistance with all other Phase 2 requirements not listed in (a) through (f) above as requested by the City and within the capabilities of the District.

2. THE CITY WILL:

- (a) Provide a yearly appropriation, not to exceed \$5000.00, to the District to carry out the provisions of this agreement.

3. TERMINATION:

- (a) This agreement may be terminated at any time by mutual consent of the parties involved or may be terminated by either party by giving sixty (60) days notice in writing to the other.

IN WITNESS WHEREOF, this agreement executed on the day, month and year above written.

CITY OF MASON

By: Scot Lahrmer
Name
City Manager 9/3/02
Title Date

WARREN COUNTY SOIL AND WATER
CONSERVATION DISTRICT

By: 8-21-02
Tom Spellmire, Chairman Date
Board of Supervisors