Division of Surface Water

NPDES Small MS4 General Permit (OHQ000002) Annual Reporting Form

Instructions for completing this form:

- *OHQ000002 requires that this form be used when submitting annual reports. You may request approval to use your own reporting format.*
- *Annual Reports are due annually on or before April 1st.*
- *Complete the form and sign and date the certification statement below.*
- *If more space is needed than is provided, identify within the provided space that Attachment A, B, C, etc. has been attached.*
- *If an item of the form is not applicable for your program (such as street sweeping), fill in N/A in the space provided.*
- *Don't include attachments such as brochures, newspaper clips, sign-in sheets, etc. related to your program with this form. You only need to summarize these within this report. These records must be filed and will be needed during program audits.*
- *When complete, submit this Annual Report form to the following address:*

  Ohio Environmental Protection Agency
  Division of Surface Water
  Storm Water Program – Small MS4
  P.O. Box 1049
  Columbus, Ohio 43216-1049

Small MS4 Annual Report for Year:	2012				
Ohio EPA Facility Permit Number:	3GQ00093*AG				
Name of MS4:	Mahoning County and Others				
Primary Contact:	John M. Woolard		Title:	Environmental Manager	
Mailing Address:	940 Bears Den Rd.				
City:	Youngstown	Zip Code:	44511	County:	Mahoning
Telephone Number:	330-799-1581		Email Address:	jwoolard@mahoningcountyoh.gov	

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.

See Attached Tables of Organization and Construction List:

Figure 1: Mahoning County Table of Organization
Figure 2: Township and MetroPark Table of Organization
Figure 3: Active Construction Site List (2012)
Figure 4: Illicit Discharge Detection and Elimination Table

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: JOHN WOOLARD

Print Title: ENVIRONMENTAL MANAGER

Signature: [signature]

Date: 3/29/13

Overview

This report details the Phase II compliance efforts of Mahoning County in cooperation with eight (8) co-permitted MS4's. In March of 2003, the Mahoning County Commissioners with the Mahoning County Engineers Office (MCE) as their administrative agent with regard to Phase II of the Ohio EPA Storm Water Program, submitted a Storm Water Management Plan addressing the six minimum control measures as outlined in the Ohio EPA NPDES Permit No. OHQ000002 for Storm Water Discharge from small MS4's. The 2003 Mahoning County Storm Water Management Program (MCSWMP) was drafted as a regional approach to storm water management. The implementation (of the MCSWMP) is based on interagency cooperation providing County compliance and leadership assistance to co-permittees who rely on other government agencies for the majority of the BMP's involved. The plan has evolved over the course of the first and now second permit term. Changes to the plan have been detailed in past annual reports provided to Ohio EPA.

Memorandums of Understanding

In August of 2006, the Mahoning County Engineer's Office, in an effort to improve compliance, regional communication and provide more consistent focus to the implementation of the MCSWMP, hired a full-time staff member to oversee the program. This effort has centralized the initiatives of the program and led to increased regional participation. The participation is largely a function of exercising interagency Memorandums of Understanding (MOU's) between County Agencies and inter-governmental MOU's established between the Board of Mahoning County Commissioners and co-permittees for the duration of the permit term. The MOU's outline the exchange of services between units of County government for implementation of the Storm Water Management Program as cooperators and service providers. As program administrator, the Mahoning County Engineer's Office holds MOU's with the Sanitary Engineer's Office, Board of Health, Green Team, Soil and Water District, Building Department and the Planning Commission. To maximize the agreements, representatives from each service agency have been selected to participate on more focused subcommittees. Subcommittees have been established to oversee each of the six control measures. AWARE (Alliance for Watershed Action and Resource Education), the local ad-hoc watershed group has been instrumental in establishing educational initiatives. The AWARE education and outreach committee meets regularly to discuss activities, grants and public involvement opportunities to further storm water awareness in the county.

MCM #1 & #2 Public Education and Public Involvement

The 2010 Stormwater Program theme promoted watershed education. In 2010, the Mahoning County Engineer's Office in cooperation with AWARE, Mill Creek MetroParks and Mahoning SWCD obtained a OEEF grant for a "Sign-our-Streams" (SOS) Program. The grant provided funding for stream and watershed signage at 44 stream crossings within the Mill Creek Watershed. In addition, a watershed brochure was developed and a survey conducted to gauge the knowledge of watershed residents. The program was later adopted by Meander Water who funded signage for 37 additional stream crossings within the Meander watershed. The signage program was coupled with coverage in area news media. The theme continued at the Canfield fair which offers the greatest exposure to Mahoning County residents. Both AWARE and Mahoning SWCD promoted stream signage, watershed information, raingardens and rainbarrels at their respective Canfield fair displays. The AWARE booth included a watershed survey in which participants registered to win a free rainbarrel. Over 100 individuals participated and a resident was randomly awarded the gift courtesy of AWARE. The watershed theme coincided with several public meetings soliciting input for the draft Yellow Creek and Meander Creek Watershed Action Plans. 2011 built on the existing watershed momentum and included the development of both the Meander Creek and Yellow Creek Watershed Action Plans. The development of theses plans included soliciting of information from stakeholders in the respective watersheds at several public meetings. In addition, AWARE spearheaded a Watershed Festival for Mahoning County residents in October of 2011 and again in 2012 at Mill Creek MetroParks in Canfield. The Festivals included numerous displays and activities for the general public including amongst other topics; the Phase II Illicit

Discharge Program by the Mahoning County Engineer's Office, rainbarrel construction by the Soil and Water Conservation District, source water protection by the Mahoning Valley Sanitary District, septic system maintenance by the Board of Health, a composting workshop by the Green Team, recycling/ household hazardous waste disposal by the Mahoning County Green Team and demonstrations by representatives from the Ohio EPA. Finally, Mill Creek MetroParks continued their annual Earth Day Cleanup at the Metropolitan Park District.

MCM #3 Illicit Discharge Detection and Elimination

The storm sewer outfall inventory protocol was finalized and outfall mapping was completed as required by the first generation MS4 permit and detailed in the 2007 annual report. The county-owned outfalls were completed first followed by metro-park and township outfalls. A Microsoft Access database was created allowing for download of field-collected G.P.S. data. The data has been added to the Mahoning County GIS system for easy access to all potential users. All county-owned outfalls have been monitored for dry-weather flows. A total of eight (8) dry-weather flows have been detected and screened. The suspect outfalls were referred to the Board of Health via nuisance complaints and results of those investigations recorded. The Engineer's office has initiated G.I.S. mapping of the entire county MS4 conveyance system as required by the current NPDES Permit #OHQ000002. The mapping includes digitization of all catch basins, ditches, pipes and public and private storm water facilities. A mapping proposal was offered to all co-permittees at annual township meetings. Agreements have been secured with all of the co-permitted townships with three (3) already completed. They include Beaver, Canfield and Springfield. At the time of this submittal, Boardman Township is nearly completed and will be followed by Poland and Austintown Townships respectively for 2013.

The Mahoning County District Board of Health has initiated G.P.S. mapping of all on-lot and off-lot septic systems within the Urbanized Area of the County. The data is maintained and continually updated in a Microsoft Access database maintained by the District Board of Health and captured data is currently accessible on the Mahoning County G.I.S. system. The data was compiled for the 2007 annual report and presented in a single map and list of addresses of all known off-lot.

MCM #4 Construction Site Runoff Control

On February 2, 2007, the Board of Mahoning County Commissioners, by recommendation of the Mahoning County Engineers Office, adopted legislation to abate soil erosion and sediment from earth disturbing construction projects of one (1) acre or more. The legislation referred to as the "Mahoning County Erosion and Sediment Control Rules" is effective as of March 3, 2007 and will be an addition to the Mahoning County Drainage and Erosion and Sedimentation Control Manual. The Rules are being modified to meet the requirements of minimum control measure # 4 and include a riparian setback from 25'-125' dependant upon the contributing drainage area for all regulated sites. In addition to the riparian setback requirements of the Mahoning County Erosion and Sediment Control Rules, stand-alone Riparian Setback Ordinances have been adopted in Austintown Township, Beaver Township, Boardman Township, Coitsville Township, Poland Township and Canfield Township. The Mahoning County Engineers Office, by subsequent resolution of the Board of County Commissioners, has been named administrator of the Rules. In addition, the Mahoning County Engineers Office has prepared model zoning legislation requiring an erosion and sediment control plan for 1 acre disturbances, approved by the Mahoning County Soil and Water Conservation District, prior to the issuance of a zoning certificate. Also, the Mahoning County Building Department has added SWP3 requirements to the application checklist for a building permit.

MCM #5 Post Construction Runoff Control

During the 2011 annual reporting period the Mahoning County Engineer's Office and SWCD held several

meetings with local zoning officials to discuss long-term maintenance and as-built requirements for post construction and storm water management facilities. In cooperation with local zoning, the Mahoning SWCD has created model enabling zoning legislation for townships to require as-built certifications for all post construction facilities when deemed necessary by the County Engineer's Office or SWCD. The legislation has been adopted in 2012 by all zoned Phase II communities and 1 non-Phase II. Apublic/private detention or retention basins. ll facilities that have post-construction BMP's installed will be included in an inventory as part of the mapping requirements and annual inspections of those facilities will be documented.

MCM #6 Pollution Prevention/ Good Housekeeping

A Pollution Prevention/Good Housekeeping Workshop was held in February of 2007 for the County and all Co-permitted road and street department and maintenance personnel. Program information was presented and several protocols were discussed including, material storage and inventory, facilities inspection, spill response, proper disposal and outfall observation. In addition, a pollution prevention/good housekeeping guidance document or SWPPP has been created for all regional members in the MCSWMP. The document is to serve as a module for current employees to guide their municipal operations and as a training and review document for new employees. Included in the SWPPP is a self-inspection form for use by each MS4 performing annual site inspections of their facilities. A facility inspection is required at each MS4 road department maintenance facility and grounds each spring. Findings and recommendations of those inspections are kept on file by the MS4. An individual training session conducted as part of the inspection process in 2009.

Regulated Area Table

Mahoning County covers 424 square miles. The table below shows the number of square miles encompassed by each of the co-permittees MS4 regulated areas and associated watershed location. This table continues to be included for payment of the Annual Discharge Fee. While rural portions of the County are not served by sewers, the majority of the regulated area is sewered.

SWMP Co-Permitted Entities	Area (miles^2)	Major Watersheds
Austintown Township	19.7	Mahoning River
Beaver Township	1.1	Mahoning River
Boardman Township	22.5	Mahoning River
Canfield Township	7.36	Mahoning River
Coitsville Township	0.12	Mahoning River
Poland Township	1.3	Mahoning River, Little Beaver Creek
Springfield Township	6.8	Mahoning River, Little Beaver Creek
Mill Creek Metro Park	4.06	Mahoning River
Total Estimated Regulated Area	**62.94**	

The storm water drainage system for Mahoning County is a combination of ditches that run parallel to County

roads, with a limited number of closed pipe systems. The Townships make up the majority of the closed pipe systems, predominately located in subdivisions Mill Creek MetroPark is also a combination of open ditches and curb/gutter systems.

and Drainage and Erosion and Sedimentation Control Manual continue to form the foundationis the of our water quality programs. **The SWMP** acts to unify **a wide variety of County programs, such as training, operations and maintenance and construction, under a common focus on water quality issues. The water quality benefits of our BMPs are supported by research or common sense approaches to reducing storm water pollution within the framework of the County's** organization and mission. The Drainage and Erosion and Sedimentation Control Manual is currently being updated to incorporate current Ohio EPA CGP standards including enhancements in post-construction stormwater management and updated floodplain regulations. The timeline for completion of the updates is the end of 2013 at which time public hearings will be conducted soliciting comments on the changes.

Figure 1-County Table of Organization

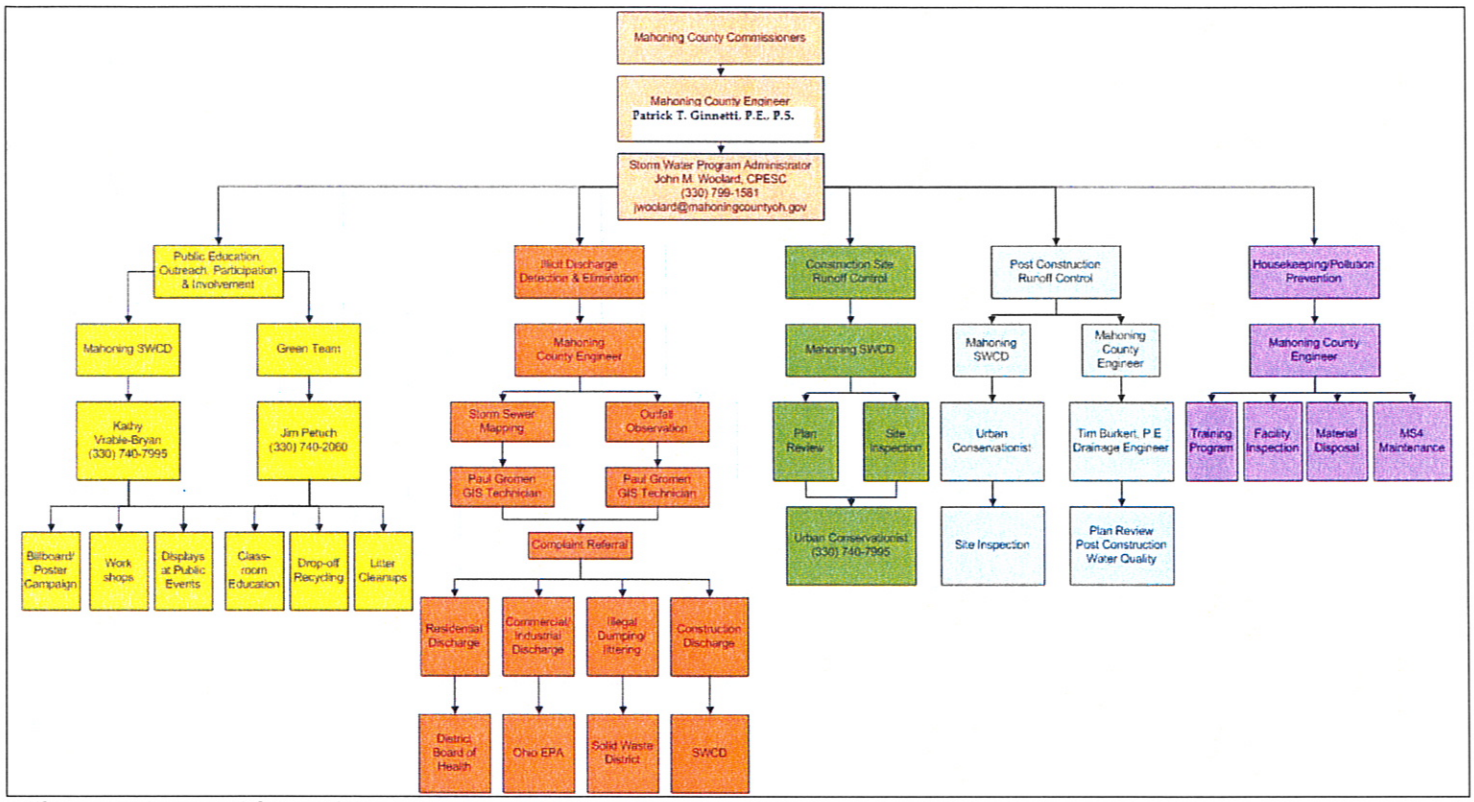

Figure 2-Township and MetroPark Table of Organization

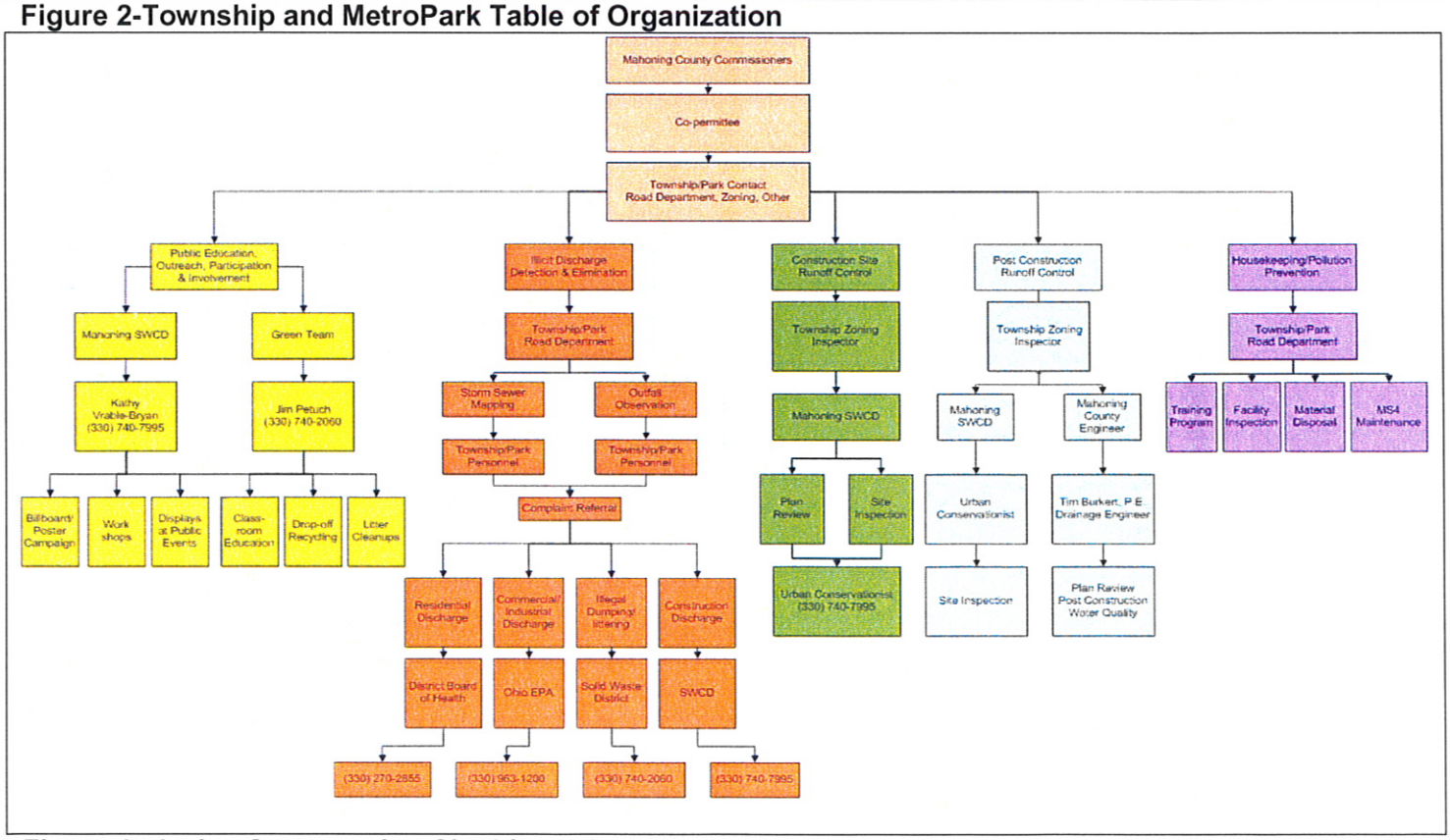

Figure 3: Active Construction Site List 2012

AUSTINTOWN TWP.

Site Name	Permit #
Active	
Meander Glen	3GC01835*AG
Victory Hills PhaseIII	3GC03952*AG
RSL Properties (McHenry)	3GC04653*AG
Austintown Parks	3GC04644*AG
Austintown Schools	3GC05393*AG
Mahoning Valley Race Course	3GC05333*AG
Tractor Supply	3GC06146*AG
Chippers Driving Range	3GC06157*AG
Construction Pending	
Community Medical Partners	3GC04594*AG

BEAVER TWP.

Site Name	Permit #
Active	
Stone Gate	3GC02437*AG
South Range Sports Complex	3GC04986*AG
Avellino IL Legato	3GC05123*AG
Lake Reserve	3GC05791*AG
Construction Pending	
ODOT Outpost	3GC06198*AG

BOARDMAN TWP.

Site Name	Permit #
Active	
Bristol Park (AKA) Bieber Farms	3GC02435*AG
Woodmar Square	3GC02988*AG
Stadium Drive Elementary	3GC04524*AG
Aldi	3GC05076*AG
Walmart	3GC05332*AG
Becker Davis Funeral Home	3GC05847*AG
Humility of Mary (St Elizabeth Hospital)	3GC06090*AG
Summer Garden Foods	3GC03640*AG
D.E.A.	3GC05040*AG
Construction Pending	
Kanter Site	3GC04094*AG
Boardman Baptist	3GC04917*AG
Best Western Plus	3GC06295*AG
O'reilly Auto Part Store	3GC06274*AG

CANFIELD TWP.

Site Name	Permit #
Active	
Summer Wind	3GC04939*AG
Vilas at Fox Den	3GC001421*AG
Iron Wood	3GC00527*AG
Abbey Road	3GC05562*AG
Fox Den Phase 8	3GC05784*AG

COITSVILLE TWP.

Site Name	Permit #
Active	
Advanced Recycling	3GC06103*AG

POLAND TWP.

Site Name	Permit #
Active	
Ridgley Park	3GC01685*AG
Preserve at Yellow Creek	3GC04022*AG
Polo	3GC*AG
Rose Lynn	3GC*AG
Poland Fire Station 92	3GC*06163*AG
Greenstar Recycling	3GC04830*AG
Construction Pending	
Avalon Trails	3GC05572*AG

SPRINGFIELD TWP.

Site Name	Permit #
Active	
Spring Field Woods	3GC02645*AG
Hampton Ridge	3GC02681*AG
Heron Bay Village	3GC03718*AG
Shores	3GC01769*AG
Tic Toc	3GC05165*AG
Waste Management Ren	3GC05894*AG

Figure 4: Illicit Discharge Table

OUTFALL or LOCATION	TOWNSHIP	OBSERVATION	RESULT
BO004-TIPPECANOE RD.	BOARDMAN	SEPTIC/GREY WATER	INVESTIGATED ON 4/1/08
AU140-NEW RD.	AUSTINTOWN	SEPTIC/GREY WATER	inconclusive/below threshold
AU191-NEW RD.	AUSTINTOWN	SEPTIC GREY WATER	inconclusive/below threshold
AU192-NEW RD.	AUSTINTOWN	SEPTIC GREY WATER	inconclusive/below threshold
LIPKEY RD.	JACKSON	SEPTIC/GREY WATER	INVESTIGATED ON 5/7/08
MAHONING AVENUE	AUSTINTOWN	SEPTIC DISCHARGE	inconclusive/below threshold
LANTERMAN RD.	AUSTINTOWN	SEPTIC/GREY WATER	inconclusive/below threshold
RT. 46 PILOT STATION	AUSTINTOWN	ILLEGAL DUMPING	INVESTIGATED ON 5/6/08

OhioEPA

SMALL MS4 ANNUAL REPORT FORM

PUBLIC INVOLVEMENT/PUBLIC EDUCATION (PIPE)
Estimate Your Permit Area's Total Population: 97,450

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
Storm Water Committee (County and MS4 Specific) County Commissioners via County Engineer's Office as Program Administrator. Township Trustees, Road Departments and Park Designee and Staff.	Meet annually to review Storm Water Program Progress. Updates provided at annual township meetings held at County Engineer's Office	Program status report and update on new MS4 Permit requirements, mapping and webcast opportunities.	All County agencies relevant to the SWMP, Township Trustees and road department staff	100%	Attended by Board of Health, SWCD, Green Team, and County Engineer's. *Township meetings held annually in January for Trustees and Road Department staff. Phase II update provided, annual reports distributed and discussed, storm sewer system mapping program update and good housekeeping program questionnaire for street departments	Yes
Public Involvement Storm Water Committee	Public Hearings for Draft SWMP and County ESC Regulations held on behalf of the County Commissioners. Commissioner Resolutions Adopting the SWMP and ESC Regulations. Trustee MOU Resolutions of Participation in the SWMP, MOU's for Interagency Cooperation for Program implementation	Open, Public Meetings with a Message Relevant to the Agenda Item or Public Hearing. Presentations were Given and Public Comment Solicited. Resolution as required for MOU's at trustee, commissioner and agency meetings in spring of 2009.	General public, business community, public and elected officials.	100%	Public Hearings held adopting SWMP (3/03) and ESC Rules (2/07). Annual township trustee and MetroPark meetings for MOU renewal changed to 5 year MOU in spring of 2009. Open meetings for updates and MOU renewal in county agencies with Boards (Commissioners, BOH and SWCD) in spring of 2010.	Yes
Newsletters & Media Soil and Water Green Team Sanitary Engineer's Office	**SWCD**-news articles, press releases **Engineers**- SOS Program Newspaper Articles **4 Green Team**- Education Newsletter (was Mahoning Matters-changed to "Green Scene" e-newsletter **1 Sanitary Engineers**-Pipeline in spring	Watershed Education Proper Household Hazardous Waste (HHW) Disposal Erosion and Sediment Control (E&SC)	Homeowners/business	100% of all households w/in Phase II communities **Green Team e-newsletter** (1,871 subscribers), 170 TV ads, 11 print ads. **S.O.S. (sign our streams) Program**~Mill & Meander Ck.watershed Residents on-going with 81 named stream crossings **1 Sanitary Engineer's** Pipeline publication	**Green Team e-newsletter**-1,871 **Green Team TV ads**-170 **Green Team print ads**-11 **Green Team Radio ads**~1 **SWCD news articles**~2 town crier articles (1)Boardman (1)Canfield **SWCD radio spot: 91.7 FM** **SWCD Press Releases** for Canfield Watershed Festival: Vindicator newspaper **Sanitary Engineer's Pipeline**-Circulation-40,000	Yes

PUBLIC INVOLVEMENT/PUBLIC EDUCATION (PIPE)

- Summarize activities you plan to undertake during the next reporting cycle.

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience to be Reached	Summary of Planned Activities	Proposed Schedule
Stormwater Education Programs, Envirothons, Workshops AWARE E&O Committee SWCD Green Team Board of Health	**SWCD**-# of events held in each Phase II community **Board of Health**-Annual Installers Workshops **Green Team**- # of education opportunities held in Phase II communities	Watersheds, Raingardens, Household Hazardous Waste, Recycling, Automobile Maintenance, HSTS maintenance. Educate students and adults as to the potential for point source and non-point source pollution carried through storm water. Board of Health continuing 2 annual education workshops for installers, pumpers, designers and authorized representatives.	Homeowners, students, businesses	**SWCD Enviroscape** (1)Boardman (2)Canfield 137 students , 29 adults **SWCD Kiwanis Presentation** (1)Austintown~ 27adults **SWCD Classroom Pres.** (3)Boardman~278 students, 6 adults (4)Poland~65 students, 60 adults **Posters**~55 on-going posters in township and public locations @ Mill Creek MetroPark (10,000+) www.mahoningswcd.org **SWCD Rainbarrel Wksp (1)**~ Canfield Watershed Fest. ~100 attendees **SWCD E&SC Preconstruction** (10) and onsite mtgs-(156) **398**~Green Team Events with 10,764 participants Austintown~48 events, 1,620 Beaver~31 events, 644 Boardman~100 events, 2,844 Canfield~105 events, 2,606 Poland~80 events, 1,965 Springfield~34 events, 1,085 **SWCD Envirothon** (1)~ 3 Phase II schools represented Boardman, Canfield, Poland 20 students, 4 adults **Board of Health Wksp**~140 Attendees	Continue SWCD classroom education, presentations, preconstruction mtgs. and workshops Continue Board of Health workshops Continue Green Team classroom education and workshops	Annual

Website Education Subcommittee SWCD Website County Engineer's Website Green Team Website Board of Health Website AWARE Website	Mahoning County Communicator Website-Stormwater management centralized on County Engineer's website with links to other agency sites for specific information	Construction Program, Poster Campaign, Raingarden Information, Household Hazardous Waste, Recycling Centers and Collection Dates. HSTS Maintenance and nuisance complaint forms. Watershed meetings and public involvement opportunities.	Homeowners, Businesses, Construction Community, Political Leaders.	**SWCD Website**~ unable to track hits **Green Team**~no hits provided **Mahoning County Communicator**-unable to track hits www.mahoningcountyoh.gov (links provided from Engineer's)	Continued updates on County websites for HHW Disposal opportunities, recycling centers (Green Team), Construction E&SC & Rainwater Manual (SWCD), Raingardens and Poster Campaign (SWCD), HSTS & nuisance complaints (Board of Health) and watershed meetings (AWARE).	Ongoing
Community Activities Education Subcommittee AWARE Green Team Mill Creek MetroParks SWCD	County Fair Displays, Annual Litter Cleanup Day, AWARE Meetings, Watershed Festival, Volunteer opportunities, Community Recycling and Household Hazardous Waste Collection Events, Stream Monitoring	-Stream Monitoring (SWCD) -Raingarden/ Rainbarrel Display -Watershed Ed. (AWARE) -HHW & Recycling (Green Team) -Outfall Mapping (Engineer's) -Community Recycling (Green Team) -Riparian Setbacks (Engineer's) -Watershed Festival	Community leaders, contractors, developers, and land owners, general public	**County Fair Displays (AWARE, Mahoning SWCD, BOH, Engineer's)**~250,000 people attended **Litter Clean-up**~Boy Scout Earth Day @ Mill Ck. MetroPark-42 sites, 251 youth, 155 adults, 80 bags of trash, 41 bags of recycleables **SWCD Stream Mon.~** (1)Poland~16 Students, 5 Adults **AWARE Watershed Festival** (1)Canfield~100 students and adults **Green Team Curbside Recycling**~ >80,000 residents ~7,608,440 lbs **Green Team Drop-off recycling** (37 community drop-off sites)~8,293,340 lbs *Drop off recycling is available to 100% of the target audience **HHW Collection**~2 events, 76,715 lbs **Electronics Drive**~9 events, 397,687 lbs **AWARE Mtgs.**~6	Continue annual fair displays, litter cleanups, AWARE Meetings, recycling and HHW collection events, stream monitoring, Watershed Festival	Annual

SMALL MS4 ANNUAL REPORT FORM

PUBLIC INVOLVEMENT/PARTICIPATION

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate	Summary of Results	Effective (Yes or No)
Brochures, Flyers, Factsheets and Handouts Education Subcommittee Green Team SWCD Board of Health	# of media distributed	-E&SC -Watershed Education -HHW	-Watershed Residents -Contractors and developers -HSTS owners/operators -General public	**AWARE**~ Watershed Education brochures 200 (County fair and Watershed Festival) **Green Team**~HHW (3,878 brochures, 2,551 flyers) **SWCD**~est. 500 flyers and brochures handed out at county fair (various topics)	Continued distribution of media at public events	Ongoing

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 ILLICIT DISCHARGE SUBCOMMITTEE	Due to a lack of statutory authority, adoption of an ordinance or regulatory mechanism has been replaced by the development of protocol and procedure based on existing authority in the O.A.C. and O.R.C	YES	Construction discharges-ORC 307.79 and ORC 6111 Residential discharges-ORC 3745, 3701.352 and OAC 3701.29 Commercial discharges-ORC 4104.41, 4104.43 and OPC Chap. 6 Industrial discharges-ORC 3745, 6111 Littering discharges-ORC 3757 Open dumping/ Solid waste-ORC 3734 and OAC 3745 Spills-ORC 3745, 6111	Developed the Mahoning County SWMP Illicit Discharge Detection and Elimination Protocol which is a flow chart detailing the legal authority for responding to a variety of discharges. <u>Board of Health</u> Sewage Complaints~47 Solid Waste Complaints~37	YES

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates	Effective (Yes or No)
Storm Sewer System Map ILLICIT DISCHARGE SUBCOMMITTEE	Completion of map detailing the location of all publicly owned MS4 discharge outfalls. Posting of the information on the County GIS System. Comprehensive storm sewer connectivity map of MS4 catch basins, pipes, ditches, conveyances, etc.	YES	Mapping of all publicly-owned outfalls was completed in the fall of 2007. The County Engineers office purchased the equipment required to complete the mapping and the service was offered to all co-permittees. A Microsoft Access database based on the format created by the Cuyahoga County Health Department and Northeastern Ohio Regional Sewer District outfall database was used for the records of outfalls in Mahoning County. A total of 1,358 outfalls were mapped in the UA. The distribution is as follows: **Austintown 240, Beaver 16, Boardman 306, Canfield 85, Coitsville 5, Mill Creek 240, Poland 102, Springfield 9 and Mahoning County 355**. All data is posted on the County GIS website at: http://gis.mahoningcountyoh.gov/ Comprehensive map is completed for the following communities: Canfield, Springfield, Beaver, and Boardman is 50% completed	YES

SMALL MS4 ANNUAL REPORT FORM

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates	Effective (Yes or No)
HSTS Mapping and List ILLICIT DISCHARGE SUBCOMMITTEE	Completion of map and list by address of all HSTS connected to the MS4. Posting of this information on the County GIS System	YES	An active participant in the Illicit Discharge Subcommittee, the District Board of Health has field located nearly 700 discharging HSTS and over 100 on-lot HSTS by GPS. The office maintains a Microsoft Access database of all mapped HSTS's and has incorporated the information into the Mahoning County GIS System. The District Board of Health has continued mapping beyond the designated Urbanized Area with a goal of completing the entire County over time. The Illicit Discharge Subcommittee has finalized a map and list of discharging systems within the UA. At this time, there are parcels containing unknown systems. Many of the 33,535 parcels in the UA are currently sewered. The Mahoning County GIS was utilized to eliminate all parcels with a sanitary sewer permit, vacant lot, improvement value less than $10,000, monuments, cemeteries and other parcels. The result is an Urbanized Area containing 285 on-lot systems, 137 known discharging, offlot HSTS's (10 with NPDES Permits) and 2,950 unknown's. The data will be continually updated over the next permit term until it is finalized.	YES

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates	Effective (Yes or No)
IDDE Plan ILLICIT DISCHARGE SUBCOMMITTEE	Development of protocols and procedures for the identification and subsequent elimination of illicit discharges to the MS4	YES	Each MS4 has received a packet of information containing a map of their MS4 outfalls, data sheets to utilize when performing visual observations, an illicit discharge detection an elimination guidance manual published by the New England Interstate Pollution Control Commission, Board of Health Nuisance Complaint Forms, training regarding dry-weather screening and the use of the Mahoning County IDDE Protocol.	YES

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Outfalls Screened	# of Dry-Weather Flows Identified	# Of Illicit Discharges:		Effective (Yes or No)
					Identified*	Eliminated	
Dry-Weather Screening of Outfalls **Total # of Outfalls _1,358_** Austintown-240 Beaver-16 Boardman-306 Canfield-85 Coitsville-5 Mill Creek-240 Poland-102 Springfield-9 Mahoning County-355	Visual observation of all MS4 outfalls. Screening performed following a minimum dry-weather period of 72 hours. Written records of those observations.	YES	Austintown-240 Beaver-16 Boardman-306 Canfield-85 Poland-102 Springfield-9 Mill Creek-240 County-355	County-6 *No data for Townships/Park	8	3 (5 pending)	yes

*Include an attachment which provides schedules for elimination of illicit connections that have been identified but have yet to be eliminated.

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Ordinance or Other Regulatory Mechanism	Adoption of additional regulations as the statutory authority becomes available for county and township governments.	Support the creation of statutory authority for county and township governments related to this MCM.	By the end of the next five year permit term if the statutory authority exists.
Illicit Discharge Subcommittee			
Storm Sewer System Map	Mapping of the entire storm sewer system including catch basins, ditches, pipes, and public and private storm water facilities over the next five year permit term.	Mapping of the entire county owned MS4 as a preliminary step is nearly completed. Proposals have been made to each co-permitted MS4 for fee-based mapping of each of their respective systems by county staff. Agreements are in place with co-permittees for second generation permit mapping. Beaver, Canfield & Springfield storm sewer system maps have been completed. Boardman is nearly completed and the remainder is on schedule for completion in 2013.	Complete task by the end of the next five year permit term.
Illicit Discharge Subcommittee and Individual MS4			
HSTS Mapping and List	Completion of map and list by address of all HSTS connected to the MS4. Posting of this information on the County GIS System.	Continue updating the Board of Health records of the 2,950 unknown parcels within the 2000 Census designated Urbanized Area until they are finalized. Continued GPS locating of discharging Systems by the Board of Health.	Annually as data becomes available with a goal of completing the HSTS map and list by the end of the next permit term.
Illicit Discharge Subcommittee			
IDDE Plan	Continuation of protocols and procedures for the identification and subsequent elimination of illicit discharges to the MS4. Require NPDES Permit Coverage for replacement discharging systems.	Ensure that all replacement discharging systems obtain NPDES general permit coverage.	On-going Throughout the Permit Term.
Illicit Discharge Subcommittee			
Dry-Weather Screening of Outfalls	Dry-weather screening of all MS4 outfalls at least once throughout the next 5 year permit term. Written records of those observations.	Ensure that all MS4 Outfalls are observed in the next permit term. Consider prioritizing the monitoring of suspect outfalls (those with evidence of staining, color, odor) on a more recurring basis.	Throughout the next permit term. To be completed by the end of the term.
All Individual MS4's			

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 Commissioners Engineer's Office	Adoption of County Erosion and Sediment Control Regulations	Yes	O.R.C 307.79	Regulations Adopted February of 2007 by Board of Commissioners. County Engineer's Office named administrator of the Regulations by resolution. MOU between Engineer's Office and SWCD for plan review and inspection program.	Yes

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Standards Being Used	Summary of Results or Activities	Effective (Yes or No)
Sediment and Erosion Control Requirements Engineer's Local MS4 Zoning Code	Regulations must be as stringent or more stringent than the OEPA Construction General Permit	Yes	Ohio EPA Construction General Permit Requirements	Mahoning County ESC Regulation Meet or exceed the requirements of original Construction General Permit OHC000002. Regulations will meet or exceed OHC000003 by end of 2012. All co-permitted Ms4's with zoning adopted ESC Regulations in their respective zoning codes	Yes

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Complaints		Summary of Results or Activities	Effective (Yes or No)
			Received	Followed-Up On		
Complaint Process SWCD Engineer's Office	Respond To public complaints regarding construction site E&SC	Yes	0	0	No E&SC complaints were received in 2012. Policy calls for on-site meetings when complaints are filed and corrective action is taken when deemed necessary.	Yes

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Applicable Sites Requiring Plans	# of Plans Reviewed	Summary of Results or Activities	Effective (Yes or No)
Site Plan Review Procedures SWCD Engineer's Office	Review of proposed construction activities for compliance with the County ESC Regulations, OEPA CGP, 401 and 404 Requirements.	Yes	16	22	All Applicable Plans disturbing over one acre or less than one acre but part of a larger common plan of development are reviewed for compliance with the OEPA Construction General Permit and Mahoning County ESC Rules. In addition, several plans less than one (1) acre and plans exempt due to nature of construction activity were reviewed.	Yes

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Site Inspections Performed			Summary of Results or Activities	Effective (Yes or No)
			# of Applicable Sites	# Performed	Avg. Frequency		
Site Inspection Procedures SWCD Engineer's Office	Inspection of active sites for compliance with the county ESC Regulations. Inspection performed a minimum of one	Yes	52	513	At Least Monthly	All active construction projects with NPDES permit coverage or regulated under the Mahoning County ESC Rules are inspected at least monthly. Detailed reports of those inspections are filed by the SWCD.	Yes

	time per month and more frequently as needed.						
BMP & Responsible Party	**Measurable Goal**	**Completed (Yes or No)**	**Violations**			**Summary of Results or Activities**	**Effective (Yes or No)**
			# of Violation Letters	**# of Enforcement Actions**			
Enforcement Procedures SWCD Engineer's Office	Follow the enforcement procedure outlined by O.R.C 307.79 and the "Mahoning County ESC SWPPP Review Procedure and Enforcement Escalation Plan"	Yes	0	None		No NOV's were filed for calendar year 2012. No immediate stop work orders were issued by Mahoning County for failure to submit drawings or permit violations.	Yes

*Include an attachment which identifies applicable sites within your jurisdiction for this reporting period.

CONSTRUCTION SITE RUNOFF CONTROL

- Summarize activities you plan to undertake during the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Ordinance or Other Regulatory Mechanism Commissioners Engineer's Office Construction Subcommittee	Consider proposed amendments to the Mahoning County ESC Rules for compliance with the new OEPA CGP OHC000004 in the next year.	Review potential amendments with Construction Subcommittee. Amendments include increasing the sediment settling pond size and drain time, post-construction, concentrated discharges to wetlands and maintenance agreements prior to termination of coverage.	By end of 2013
Sediment and Erosion Control Requirements Engineer's Office SWCD Construction Subcommittee	Regulations must be as stringent or more stringent than the new OEPA Construction General Permit OHC000004.	Review potential amendments with Construction Subcommittee. Amendments include increasing the sediment settling pond size and drain time, Post-construction, concentrated discharges to wetlands and maintenance agreements prior to termination of coverage.	By end of 2013
Complaint Process SWCD Engineer's Office	Respond to public complaints regarding Construction Site E&SC	Continue complaint response and document corrective actions taken.	Ongoing
Site Plan Review Procedures SWCD Engineer's Office	Review of proposed construction activities for compliance with the County ESC Regulations, OEPA CGP, 401 and 404 requirements	All applicable plans disturbing over one acre or less than one acre but part of a larger common plan of development will continue to be reviewed for compliance with the OEPA Construction General Permit and Mahoning County ESC Rules.	Ongoing

Site Inspection Procedures SWCD Engineer's Office	Inspection of active sites for compliance with the County ESC Regulations. Inspection performed a minimum of one time per month and more frequently as needed.	All Active construction projects requiring NPDES Permit Coverage or regulated under the Mahoning County ESC Rules will be inspected at least monthly. More frequent inspection will be performed on sites involved in enforcement escalation activity. Detailed reports of those inspections will continue to be filed by the SWCD.	Ongoing
Enforcement Procedures SWCD Engineer's Office	Follow the enforcement procedure outlined by O.R.C 307.79 and the "Mahoning County ESC SWPPP Review Procedure and Enforcement Escalation Plan" for sites that do not comply with federal, state and local requirements.	Continue following the "Mahoning County ESC SWPPP Review Procedure and Enforcement Escalation Plan" and O.R.C 307.79 for the issuances of NOV's on noncompliant construction projects.	Ongoing

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (If available, web link for code(s))		Summary of Results or Activities	Effective (Yes or No)
Ordinance or Other Regulatory Mechanism Engineer's Office	Drainage Criteria Manual Adopted by the Board of County Commissioners	Yes	Drainage Criteria Manual referenced in local zoning codes. Review for compliance with the County Drainage Criteria is part of the local zoning codes. Drainage Manual also references ESC Regulations and compliance with the OEPA CGP.		Reviewed all applicable construction projects in the county for compliance with the County Drainage Criteria Manual, County ESC Regulations and OEPA CGP.	Yes
BMP & Responsible Party	**Measurable Goal**	**Completed (Yes or No)**	**Structural and/or Non-Structural Standards Being Used**		**Summary of Results or Activities**	**Effective (Yes or No)**
Post-Construction Requirements Engineer's Office	Detail post-construction BMP's and OEPA Construction General Permit as requirements in County Drainage Criteria Manual and ESC Regulations	Yes	Bioretention, water quality basins (extended wet & dry detention basins), vegetated swales, filter strips, infiltration trenches, constructed wetlands. Riparian setbacks, wetland setbacks.		Post-construction BMP's are being reviewed and implemented on all relevant construction projects. Zoned Phase II communities have adopted riparian setbacks. The County ESC Regulations contain a riparian and wetland setback.	Yes
BMP & Responsible Party	**Measurable Goal**	**Completed (Yes or No)**	**# of Applicable Sites Requiring Post-Const. BMPs**	**# of Plans Reviewed**	**Summary of Results or Activities**	**Effective (Yes or No)**
Site Plan Review Procedures Engineer's Office SWCD	Review of construction plans for compliance with the County Drainage Criteria and OEPA Construction General Permit post- construction requirements. ensure long-	Yes	16 (19 <1acre or revisions)	35 total, 14 WQV 1 manufactured system 18 utilized alternative BMP's for sites <1 acre	All relevant Sites requiring post-construction BMP's were reviewed.	Yes

	term maintenance plans are included.					
BMP & Responsible Party	**Measurable Goal**	**Completed (Yes or No)**	**Site Inspections Performed**		**Summary of Results or Activities**	**Effective (Yes or No)**
			# Performed	**Avg. Frequency**		
Site Inspection Procedures SWCD	On-site inspection of all active sites for post-construction BMP compliance.	Yes	33	Upon installation at minimum	Post-construction BMP's are inspected by the SWCD as part of the overall site inspection program. The inspection ensures that the BMP is installed properly as detailed in the SWPPP.	Yes
BMP & Responsible Party	**Measurable Goal**	**Completed (Yes or No)**	**Violations**		**Summary of Results or Activities**	**Effective (Yes or No)**
			# of Violation Letters	**# of Enforcement Actions**		
Enforcement Procedures Engineer's Office SWCD Local MS4 Zoning	Issue written notices and request on-site meetings for site owner/developer on sites with deficient post-construction BMP's.	Yes	none	none	Two (2) on-site meeting were held for poorly maintained post-construction BMP's.	Yes
BMP & Responsible Party	**Measurable Goal**	**Completed (Yes or No)**	**# of Sites Requiring Plans/Agreements**	**# of Plans Developed/Agreements in Place**	**Summary of Results or Activities**	**Effective (Yes or No)**
Long-Term O&M Plans/Agreements SWCD Engineer's Office	Ensure that all SWPPP's requiring a post-construction BMP have included a long-term O&M Plan	Yes	13	6 agreements in place, 7 are pending due to project timeline or alteration	All site plans requiring long-term O&M plans have provided language in the plan detailing the responsible party and maintenance schedule	Yes

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Ordinance or Other Regulatory Mechanism Engineer's Office	Drainage Criteria Manual Referenced in Local Zoning Codes. Review for Compliance with the County Drainage Criteria is Part of the Local Zoning Codes. Drainage Manual Also References ESC Regulations and Compliance with the OEPA CGP.	Update the County Drainage Criteria Manual to incorporate the revised ESC Rules and Floodplain Regulations	By end of 2013
Post-Construction Requirements	Detail Post-Construction BMP's and OEPA Construction General Permit in Requirements in County Drainage Criteria Manual and ESC	Continue to refer engineers and site plan developers to the specifications provided in the Mahoning County Drainage Criteria Manual, Ohio Rainwater	Ongoing

Engineer's Office	Regulations.	and Land Development Manual and OEPA post-construction Q & A Document.	
Site Plan Review Procedures SWCD Engineer's Office	Review of Construction Plans for Compliance with the County Drainage Criteria and OEPA Construction General Permit Post Construction Requirements. Ensure Long-Term Maintenance Plans are Included as part of the SWPPP.	Continued review of construction plans for compliance with the County Drainage Criteria and OEPA Construction General Permit post-construction requirements. Ensure long-term maintenance plans are included as part of the SWPPP.	Ongoing
Site Inspection Procedures SWCD	On-site inspection of all inventoried sites (as required by the new MS4 Permit) that were required to provide post-construction BMP's.	Continued inspection of all active sites for post-construction BMP compliance. In addition, annual inspections of all post-construction BMP's will be performed as those facilities are mapped as required by the new MS4 permit. Those inspections must ensure that the post-construction BMP long term maintenance plan is being followed. Detailed reports of those inspections will be provided by the inspector to the site owner.	Inspection will be conducted on all active sites. In addition, as those facilities are mapped as required by the new MS4 permit, they will be included in an annual inspection program.
Enforcement Procedures Engineer's Office SWCD Local MS4 Zoning	Issue written notices and request on-site meetings for site owner/developer on sites with deficient post-construction BMP's.	Conduct on-site meetings and provide written notices of deficiencies.	Ongoing
Long-Term O&M Plans/Agreements SWCD Engineer's Office	Ensure that all SWPPP's requiring a post-construction BMP have included a long-term O&M Plan	Ensure that all site plans requiring long-term O&M plans have provided language in the plan detailing the responsible party and maintenance schedule	Ongoing

SMALL MS4 ANNUAL REPORT FORM

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 Good Housekeeping Subcommittee and Individual MS4	Development of a pollution prevention/good housekeeping guidance document outlining pollution reduction/elimination methods at maintenance facilities. Annual training and update for pollution prevention/good housekeeping.	Yes	Pollution Prevention at public maintenance facilities. Illicit Discharge Program and mapping	Road and Street Personnel, Township Trustees	All MS4 's ~approximately 20	Phase II update at Annual Township Meetings each January	Yes

List of Municipal Facilities Subject to Program	O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
Mahoning County Engineer's and Sanitary Engineer's Maintenance Facility Austintown Township Road Department Facility Beaver Township Road Department Facility Boardman Township Road Department Facility Canfield Township Road Department Facility Coitsville Township Road Department Facility Poland Township Road Department Facility Springfield Township Road Department Facility Mill Creek Metroparks Maintenance Facility	Yes SWPPP's (Pollution Prevention/Good Housekeeping Program Document) have been developed for each listed MS4 facility	9	Annual

	Summarize Maintenance Activities and Schedules	Summarize Activities Performed
MS4 Maintenance	Maintenance activities include fleet maintenance, street sweeping, catch basin cleaning, ditch maintenance, salt storage and application. Maintenance activities are performed annually or ongoing	**Fleet Maintenance**-Mahoning County, Mill Creek, Austintown, Boardman, Canfield and Poland **Street Sweeping**-Mahoning County, Mill Creek, Austintown, Beaver, Boardman, Canfield, Poland and Springfield **Catch Basin Cleaning/Inspection**-Mahoning County, Austintown, Boardman, Poland **Ditch Maintenance**-All MS4's perform annual inspection/maintenance **Salt Storage**-All MS4's have storage under roof

	Procedures Developed (Yes or No)	Document Amounts of Wastes Properly Disposed
Disposal of Wastes	Mahoning County-Yes Austintown-Yes Beaver-Yes Boardman-Yes	Documented amounts are available upon request. All MS4's have received training in proper disposal practices primarily those associated with fleet maintenance, street sweeping, catch basin cleaning and ditch maintenance. Not all MS4's perform their own maintenance. Beaver, Coitsville and Springfield outsource fleet maintenance. Austintown utilizes used oil and other auto fluids in an onsite oil burner and have a pick-up service for used filters. Mahoning County, Boardman Poland and Mill

	Canfield-Yes Coitsville-Yes Poland-Yes Springfield-Yes Mill Creek-Yes	Creek contract a commercial pick-up service for used fluids and filters. All MS4's have covered dumpsters onsite for general solid waste disposal and recycling facilities are available at township and metropark facilities. In addition, the County furnishes a tire dumpster in cooperation with the Green Team available for all MS4's.	
	Covered (Yes or No)	**Tons Used**	**Summarize Measures Taken to Minimize Usage**
Road Salt	Mahoning County-Yes Austintown-Yes Beaver-Yes Boardman-Yes Canfield-Yes Coitsville-Yes Poland-Yes Springfield-Yes Mill Creek-Yes	County-8000 tons estimated Other amounts available upon request	Salt minimization is practiced to the maximum extent practical without jeopardizing public safety. Typically salt minimization is achieved by mixing salt with grits at a minimum 80/20 to 50/50 ratio.
	Procedures Developed (Yes or No)	**Document Amount of Material Collected and Properly Disposed**	
Street Sweeping	Mahoning County-Yes Austintown-Yes Beaver-NA (contracted) Boardman-Yes Canfield-NA (contracted) Coitsville-NA Poland-Yes Springfield-NA (contracted) Mill Creek-Yes	Amounts are available upon request. Not all MS4's perform their own street sweeping. Those that contract the service include Beaver, Canfield, Springfield and Mill Creek. The material is required to be tested and screened for use as fill. Beaver and Springfield require disposal as part of the commercial contract. Mahoning County, Austintown, Boardman and Poland operated their own street sweeping program and landfill the waste or screen it for reuse as backfill. Coitsville has no curbed streets and does not street sweep.	
Flood Management Projects	**Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality**		
	N/A		

POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Development of a pollution prevention/good housekeeping guidance document outlining pollution reduction/elimination methods at maintenance facilities. Annual training and update for pollution prevention/good housekeeping	Continue the "train the trainer" program. Individual MS4 required to train individual employees Purchase of Rain Check and IDDE Training modules from Excal Visual for Workshops	Annual
Good Housekeeping Subcommittee and Individual MS4			

List of Facilities Subject to Program Mahoning County Engineer's and Sanitary Engineer's Maintenance Facility Austintown Township Road Department Facility Beaver Township Road Department Facility Boardman Township Road Department Facility Canfield Township Road Department Facility Coitsville Township Road Department Facility Poland Township Road Department Facility Springfield Township Road Department Facility Mill Creek Metroparks Maintenance Facility	Development of a SWPPP (good housekeeping/pollution prevention guidance document) for facilities subject to the MS4 permit	Host a MS4 training workshop for all road and street personnel	Ongoing
MS4 Maintenance Individual MS4 Operator	Amount of material generated from street sweeping, catch basin cleaning Salt storage under roof Quantified ditch maintenance amounts	Fleet maintenance, street sweeping, catch basin cleaning, ditch maintenance, salt storage and application.	Annual or ongoing
Disposal of Wastes Individual MS4 Operator	Documentation of disposal practices Amount of specific waste material disposed of	Continue documentation efforts for fluid disposal, street sweeping, etc.	Ongoing
Road Salt Individual MS4 Operator	Salt minimization to the maximum extent practical Document amount of salt applied annually	Continue practicing salt minimization to the maximum extent practical by mixing material	Ongoing
Street Sweeping Individual MS4 Operator	Disposal as solid waste or material tested and screened for use as fill Amount disposed	Continued street sweeping and tracking of material disposal amounts	Ongoing
Flood Management Projects	N/A		

PROPOSED CHANGES TO YOUR SWMP (IF ANY)

- Summarize any proposed changes to your SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements. If you fail to satisfy measurable goals for the reporting year, please explain why.

The Mahoning County SWMP (2003) will be updated during calendar year 2013 to reflect changes made during prior annual reporting cycles. The changes will include proposed schedules for BMP's, inclusion of protocol developed during the course of the permit term and references to rules regulations adopted during the permit term. Those changes will be available at the end of the current permit term.

VARIANCES GRANTED (IF ANY)

- Identify and summarize any variances granted under your storm water program.

1 Riparian Setback Variance was granted by the County for a linear project involving the placement of utility poles within the Riparian Setback in a non-Phase II community