



# 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 1<sup>st</sup>.
- 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: 2011

Ohio EPA Facility Permit Number: 1GQ00051\*BG

Name of MS4: Butler County Storm Water District

Primary Contact: Gregory J. Wilkens, P.E., P.S.

Title: Storm Water Engineer

Mailing Address: 1921 Fairgrove Avenue

City: Hamilton

Zip Code: Ohio

County: Butler

Telephone Number: 513-867-5744

Email Address: wilkeng@bceo.org

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

Attachment "A" - Organizational Chart

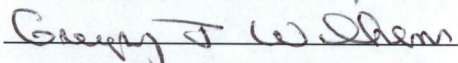
Attachment "B" - Applicable Sites for Construction Site Runoff Control

Attachment "C" - Bonus Activities

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: Gregory J. Wilkens, P.E., P.S.

Print Title: Storm Water Engineer

Signature: 

Date: March 30, 2012

**PUBLIC EDUCATION & OUTREACH**

Estimate Your Permit Area's Total Population: 144,795

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<p><b>Media Awareness Packet</b> Butler County Storm Water District</p>	<p>Annually prepare at least one Press Release Packet and distribute to local media</p>	<p>Watershed Awareness &amp; Water Quality</p>	<p>General Public</p>	<p>Potential audience = <b>970,759</b></p> <p><b>69</b> environmentally related segments produced for Project Earth</p> <p>30 second Project Earth advertisement ran <b>1,881</b> times</p> <p>Project Earth Website: annual page view total = <b>53,631</b></p> <p>Over <b>200,000</b> online banner impressions per month on WLWT.com linking URL to the Project Earth homepage</p>	<p>The Butler County Storm Water District, as a member of the Regional Storm Water Collaborative, has partnered with StormCenter Communications Inc. and WLWT Channel 5 to create a television "franchise feature" and advertising campaign called Project Earth.</p> <p>The purpose of this project is to educate and involve the citizens of the Tri-State area in the stewardship of the regions' natural resources.</p> <p>Through special reports on WLWT News 5, and a special Project Earth section on WLWT.com, Project Earth is answering questions about water conservation, watershed stewardship, land use, the environment and our health.</p> <p>For more information, visit the special Project Earth section online at: <a href="http://projectearth.wlwt.com">http://projectearth.wlwt.com</a> or <a href="http://www.savelocalwaters.org">www.savelocalwaters.org</a></p>	<p>Yes</p>
<p><b>Media Awareness Packet</b> Butler County Storm Water District</p>	<p>Annually prepare at least one Press Release Packet and distribute to local media</p>	<p>Watershed Awareness &amp; Water Quality</p>	<p>General Public</p>	<p>Average daily traffic count for a single billboard was 10,500. Campaign utilized 24 billboards at various times during a six month period.</p>	<p>The Butler County Storm Water District conducts an annual outdoor billboard advertising campaign. The boards delivers the messages such as "Storm Drains are not Garbage Cans" and "A Little Dirt Never Hurt? Sedimentation is Ohio's number one pollutant"</p>	<p>Yes</p>



					in streams". The message prompts people to report pollution to the storm water hotline number. At a minimum, eight boards are placed throughout the county during a single showing. Billboards are also used to highlight public involvement activities such as the Clean Sweep of the Great Miami River and Great Miami River Days festival. From April – September 2011, 24 billboards were posted .	
<b>Education Program for Local Schools</b>	Adopt and Distribute K-12 Water Curricula Program	Watershed Awareness & Water Quality	Students: grades K-12	<b>123</b> classroom programs reached <b>3130</b> students and <b>310</b> adults.	This year the Butler Soil and Water Conservation District conducted <b>123</b> education programs within NPDES Phase II affected areas in Butler County. The Butler Soil and Water Conservation District offers programs and resources to local schools/groups. Full day workshops and introductory programs for the following programs are available: Project WET (Water Education for Teachers), Project WILD Aquatics, stream walks, stream monitoring, and On the Trail of Non-Point Pollution Sources.	Yes
Butler Soil & Water Conservation District						
<b>Education Program for Local Schools</b>	Adopt and Distribute K-12 Water Curricula Program	Watershed Awareness & Water Quality	Students: grades K-12	<b>332</b> presentations reached <b>9,896</b> students.	The Butler County Department of Water and Sewer provides a variety of educational programs to school districts within Butler County. During 2011, the environmental educator made <b>332</b> presentations relating to water quality, litter prevention, waste reduction, recycling, conservation, environmental stewardship	Yes
Butler County Department of Water and Sewer						



# SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

					and pollution reduction that reached over <b>9,896</b> students.	
<b>Education Workshop</b> Butler Soil & Water Conservation District	Adopt and Distribute K-12 Water Curricula Program	Project Wild - Aquatic	3 <sup>rd</sup> Grade Teachers	19 people	On May 16 <sup>th</sup> , 2011, Project Wild Aquatic Workshops were presented to nineteen (19) elementary teachers. All materials presented were aligned with State of Ohio standards for Science and Social Studies.	Yes
<b>Storm Drain Labeling</b> Butler Soil & Water Conservation District	Purchase and coordinate installation of 300 labels per year until all labels are marked.	Hazards of Illicit Discharge	Homeowners and General Public	Two separate labeling events were planned for the 2011 permit year. The two events resulted in the installation of six hundred and thirty two (632) storm drain labels on catch basins and the distribution of illicit discharge information to houses by community volunteers.	Storm drain labels are simple and effective best management practices to prevent non-point source pollution from entering waterways in our community and those downstream. The labels are intended to make urban and suburban homeowners think twice before dumping material down the storm sewers and into rivers, streams, and ponds in their neighborhoods.	Yes
<b>BONUS ACTIVITIES</b> Butler County Storm Water District	N/A	SEE ATTACHMENT "C"	This list contains activities not specifically required by permit or listed as part of the District's Storm Water Management Plan.			

## PUBLIC EDUCATION & OUTREACH

- 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
<b>Media Awareness</b>  Butler County Storm Water District	Annually prepare at least one Press Release Packet and distribute to local media	Hydromodification	General Public	Dependent on reach of selected media.	Promote public education theme utilizing billboard advertising	Various months throughout the year.
<b>Media Awareness</b>  Butler County Storm Water District	Annually prepare at least one Press Release Packet and distribute to local media	Various themes which may include, and are not limited to; water quality, litter prevention, waste reduction, recycling, conservation, environmental stewardship and pollution reduction	General Public	Dependent on reach of selected media.	As a member of the Regional Storm Water Collaborative, contract with various local mass media networks to provide billboard, radio and/or television spots as Public Service Announcements	Will vary based on number of participating municipalities and the type of media selected.
<b>Education Program for Local Schools</b>  Butler Soil & Water Conservation District; Butler County Department of Water and Sewer	Provide K-12 Water Curricula Program	Various themes which may include, and are not limited to; water quality, litter prevention, waste reduction, recycling, conservation, environmental stewardship and pollution reduction	School Children K-12	Dependent on requests for programs	Provide a variety of educational programs to school districts within Butler County.	Provide programs as requested throughout the school year.
<b>Storm Drain Labeling</b>  Butler Soil & Water Conservation District	Purchase and coordinate installation of 300 labels per year until all labels are marked.	Hazards of Illicit Discharge	Homeowners and General Public	Dependent on number of labels installed and number of houses receiving illicit discharge information door hangers.	Utilize neighborhood volunteers to install storm drain labels and distribute information to residential properties on hazards of illicit discharge	Throughout the year as weather permits.



**PUBLIC INVOLVEMENT/PARTICIPATION**

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People Participated	Summary of Results	Effective (Yes or No)
<b>Public Meetings</b> Butler County Storm Water District	Hold two public meetings and one citizen discussion panel per year until Program is implemented.	District Open House	General Public	Approx. 5,000 people.  (Butler County Fair average attendance is around 100,000 people.)	From July 24 – July 30, 2011, the Butler County Storm Water District presented a week long open-house forum at the Butler County Fair to allow the public an opportunity review and discuss the Butler County Storm Water Management Plan and the Annual Report. Informational brochures were also distributed about Non-point Source Pollution and Illicit Discharges.	Yes
<b>Public Meetings</b> Butler County Storm Water District	Hold two public meetings and one citizen discussion panel per year until Program is implemented.	Butler County Storm Water District Quarterly Meetings	Butler County Storm Water District Co-permittees	66 People	A total of sixty-six (66) people attended the quarterly public meetings. In December of 2009, the District decided to forego lengthy, formal annual meetings and adopt a new format of informal quarterly updates. This change is intended to make meetings more accessible to co-permittees and facilitate the distribution of District information in a timely fashion.	Yes
<b>Butler County Stream Team</b> Butler County Storm Water District	Facilitate and oversee one Stream Clean-Up and Monitoring Program each year.	Volunteers collect data and monitor stream health	General Public and Students	In 2011, the Stream Team analyzed <b>1,333 samples</b> , an average of 111 samples per month. An average of thirty-two (32) volunteers collected and analyzed the samples each month. Over the course of the year, <b>one hundred sixteen (116) different volunteers</b> participated in stream monitoring activities.	The Butler County Storm Water District teamed up with Miami University Institute for Environmental Science and the Butler Soil and Water Conservation District to promote and implement a monthly volunteer stream monitoring program to assess local stream quality. A protocol for the lab and field procedures was prepared and submitted to the Ohio EPA Credible Data Program. The Stream Team averages 111 samples a month and 32 volunteers. Over the course of the year, one hundred sixteen (116) different volunteers have participated. There are 20 fixed	Yes

					locations from watersheds throughout Butler County and the remainder of the samples come from locations chosen by volunteers. When samples are returned to the lab, they are analyzed for six parameters: nitrates, phosphates, bacteria, conductivity, total dissolved solids, pH, and turbidity. For more information concerning the Butler County Stream Team, visit : <a href="http://www.butlercountystreamteam.org">www.butlercountystreamteam.org</a>	
<b>Stream Walks</b>	Facilitate and oversee one Stream Clean-Up and Monitoring Program each year.	Water Quality, Stream Ecology, Watershed Awareness	School Children and Teachers	179 children and 45 adults	The Butler Soil and Water Conservation District conducted 4 challenging, yet entertaining, educational stream and/or wetland walks for 179 children and 45 adults. Topics included water quality (chemical, biological, physical attributes) stream ecology, stream attributes, and watershed mapping.	Yes
Butler Soil & Water Conservation District						
<b>Clean Sweep of the Great Miami River</b>	Facilitate and oversee one Stream Clean-Up and Monitoring Program each year.	Litter Prevention	General Public	305 participants in Butler County; 1032 participants overall.	Over 1032 volunteers participated watershed wide in the "Clean Sweep of the Great Miami River" – an effort to clean up the entire 170-mile river. On May 1 <sup>st</sup> in the Butler County area, 305 participants collected 4.1 tons of litter and 250 tires at sites long the Great Miami River in Butler County.	Yes
Butler County Storm Water District						
<b>Storm Water Hotline, Database and Response Program</b>	Document Complaints Received and Follow up in a timely manner.	Illicit Discharge, Illegal Dumping; Drainage; Sanitary; HSTS; Erosion; Other	General Public	229 customer inquiries for the year 2011.	The Butler County Storm Water District created a database and response program to document citizen inquiries/complaints and accurately record contact information. The database and response program recorded over 285 customer inquiries for the year 2010. The database tracks information specific to the	Yes
Butler County Storm Water District						



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					customers address, method of contact, nature of inquiry, and detail of inquiry/complaint resolution. Average response and resolution time is 4 days.
<b>BONUS ACTIVITIES</b>	N/A	<b>SEE ATTACHMENT "C"</b>	<b>This list contains activities not specifically required by permit or listed as part of the District's Storm Water Management Plan.</b>		
Butler County Storm Water District					

## PUBLIC INVOLVEMENT/PARTICIPATION

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

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People to Participate	Summary of Planned Activities	Proposed Schedule
<b>Public Meetings</b> Butler County Storm Water District	Hold two public meetings and one citizen discussion panel per year until Program is implemented.	NPDES phase II program information	General Public	As many as event will accommodate.	Utilize a variety of public meeting formats to engage the public such as open house, public hearings, annual meetings, etc.	Various times throughout the year.
<b>Butler County Stream Team</b> Butler County Storm Water District	Facilitate and oversee one Stream Clean-Up and Monitoring Program each year.	Volunteers collect data and monitor stream health	General Public and Students	Dependent on number of volunteers	Meet monthly with volunteer stream monitors to assess local stream quality.	Monthly
<b>Clean Sweep of the Great Miami River</b> Butler County Storm Water District	Facilitate and oversee one Stream Clean-Up and Monitoring Program each year.	Litter Prevention	General Public	Dependent on number of volunteers	Coordinate clean-up of Great Miami River at multiple sites in Butler County.	Annual





<b>Storm Water Hotline, Database and Response Program</b>	Document Complaints Received and Follow up in a timely manner.	Illicit Discharge, Illegal Dumping; Drainage; Sanitary; HSTS; Erosion; Other	General Public	Dependent on caller volume.	Track information specific to the customers address, method of contact, nature of inquiry, and detail of inquiry/complaint resolution. Respond and resolve complaint in a timely manner.	Daily
Butler County Storm water District						

**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)
<b>Ordinance or Other Regulatory Mechanism</b>	Establish Illicit Discharge Ordinance for District; implement and enforce.	Yes	Butler County Illicit Discharge Detection and Elimination Regulations (Resolution No. 09-11-1954)	On November 12, 2009, the Butler County Board of Commissioners signed and adopted the Illicit Discharge Detection and Elimination Regulations. The final draft is available on the District website: <a href="http://www.stormwaterdistrict.org">www.stormwaterdistrict.org</a>	Yes
Butler County Storm Water District					
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates		Effective (Yes or No)
<b>Storm Sewer System Map</b>	Update Storm Sewer Map Annually.	Yes	Using "As-Built" data originating from the 1970's and forward, 100% of known sewer systems have been mapped in the Phase II affected areas within the county. Each year as new development occurs throughout the District, the sewer map will be reviewed and updated.		Yes
Butler County Storm Water District					
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates		Effective (Yes or No)
<b>HSTS Mapping and List</b>	Update HSTS Map Annually	Yes	The Butler County Storm Water District researched archived HSTS records held by the Butler County Health Department. The information can be viewed graphically with the use of the county GIS system. A map has been made identifying existing HSTS within the District. Updates are made on an annual basis. All new applications for HSTS will be added to that data.		Yes
Butler County Storm Water District					
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates		Effective (Yes or No)
<b>IDDE Plan</b>	Develop and implement IDDE plan	Yes	By creating and adopting an illicit discharge regulation, the Storm Water District has established the methods and standards for best management practices (BMPs) for controlling the introduction of pollutants into the municipal separate storm sewer system.		Yes



Butler County Storm Water District			The regulation establishes the authority and means by which the District will carry out inspection, monitoring and enforcement procedures necessary to ensure compliance. The Butler County Storm Water District created a database and response program to document and accurately record contact information regarding spill reports, illicit discharges, illegal dumping, and citizen complaints. The information obtained from the hotline and database can be mapped with the use of the county GIS system. Problem areas can be viewed graphically based on type, location, and frequency. This database is updated on a regular basis to help identify and resolve problem areas.				
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 <u>6,093</u>	Inspect 400 mapped outfalls and sample when necessary	Yes	2,872	12	0	n/a	Yes
Butler County Storm Water District							
<b>BONUS ACTIVITIES</b>	N/A	SEE ATTACHMENT "C"	This list contains activities not specifically required by permit or listed as part of the District's Storm Water Management Plan.				
Butler County Storm Water District							

\*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	Continue to implement and enforce IDDE regulation.	Review IDDE regulation and update as needed.	Annually
Butler County Storm Water District			
Storm Sewer System Map	Update Storm Sewer Map Annually.	Each year as new development occurs throughout the District the sewer map will be reviewed and updated.	Annually
Butler County Storm Water District			
HSTS Mapping and List	Update HSTS Map Annually	Updates are made on an annual basis. All new applications for HSTS will be added to that data.	Annually
Butler County Storm Water District			
IDDE Plan	Continue to implement IDDE plan	Review and update plan as needed.	Annually



Butler County Storm Water District			
<b>Dry-Weather Screening of Outfalls</b>	Inspect 400 mapped outfalls and sample when necessary	The Butler County Storm Water District (District) commissioned a third outfall mapping & screening project. Consultant will utilize the existing geodatabase, incorporate storm sewer feature information, identify new outfalls, dry weather screen outfalls, and sampling & testing of non-storm water flows as necessary.	Permit Year 2012
Butler County Storm Water District			

**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)
<b>Ordinance or Other Regulatory Mechanism</b>	Compliance with NPDES Construction General Permit requirements.	Yes	Butler County Subdivision Regulations		The Butler County Subdivision regulations were revised in 2011. The revisions were adopted on January 12, 2012. The revisions covered a number of non-point source pollution topics including construction site storm water discharges and groundwater pollution potential.	Yes
Butler County Storm Water District						
<b>BMP &amp; Responsible Party</b>	<b>Measurable Goal</b>	<b>Completed (Yes or No)</b>	<b>Standards Being Used</b>		<b>Summary of Results or Activities</b>	<b>Effective (Yes or No)</b>
<b>Sediment and Erosion Control Requirements</b>	Compliance with NPDES Construction General Permit requirements.	Yes	Erosion and Sediment Control Regulations: Article VII – Butler County Subdivision Regulations		Erosion and Sediment Control Regulations: Article VII were adopted as part of the of the Butler County Subdivision regulations on March 12, 2007. The changes were effective during the Summer of 2007.	Yes
Butler County Storm Water District						
<b>BMP &amp; Responsible Party</b>	<b>Measurable Goal</b>	<b>Completed (Yes or No)</b>	<b>Complaints</b>		<b>Summary of Results or Activities</b>	<b>Effective (Yes or No)</b>
			<b>Received</b>	<b>Followed-Up On</b>		
<b>Complaint Process</b>	Respond to all complaints	Yes	9	9	Responded to and resolved all complaints.	Yes
Butler County Storm Water District						
<b>BMP &amp; Responsible Party</b>	<b>Measurable Goal</b>	<b>Completed (Yes or No)</b>	<b># of Applicable Sites Requiring</b>	<b># of Plans Reviewed</b>	<b>Summary of Results or Activities</b>	<b>Effective (Yes or No)</b>



		Plans					
<b>Site Plan Review Procedures</b>	Review all site plans for compliance	Yes	391	391	Made plan comments to ensure that all sites were in compliance with regulations.	Yes	
Butler County Storm Water District							
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		
<b>Site Inspection Procedures</b>	Inspect all applicable sites for compliance	Yes	391	4,248	Every two weeks	Inspected active sites for compliance with Erosion and Sediment control Regulations	Yes
Butler County Storm Water District							
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			
<b>Enforcement Procedures</b>	Ensure compliance with regulations.	Yes	256	0	Violations resolved. Enforcement actions unnecessary.	Yes	
Butler County Storm Water District							

\*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
<b>Ordinance or Other Regulatory Mechanism</b>	Compliance with NPDES Construction General Permit requirements.	Review Federal and State rule changes and revise county regulations.	As needed.
Butler County Storm Water District			
<b>Sediment and Erosion Control Requirements</b>	Compliance with NPDES Construction General Permit requirements.	Review Federal and State rule changes and revise county regulations.	As needed.



Butler County Storm Water District			
<b>Complaint Process</b>	Respond to all complaints.	Respond to all complaints and ensure compliance with all regulations.	As needed.
Butler County Storm Water District			
Butler County Storm Water District	Review all site plans for compliance	Continue to make plan comments to ensure that all sites were in compliance with regulations.	As needed.
Butler County Storm Water District			
<b>Site Inspection Procedures</b>	Inspect all applicable sites for compliance	Inspect active sites for compliance with Erosion and Sediment control Regulations	As needed.
Butler County Storm Water District			
<b>Enforcement Procedures</b>	Ensure compliance with regulations.	Enforce compliance on all active sites.	As needed.
Butler County Storm Water District			



**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)
<b>Ordinance or Other Regulatory Mechanism</b> Butler County Storm Water District and Co-Permittees	Comply with post-construction requirements for NPDES phase II permit. (ie. Provide for open space, minimization of impervious area, protection of natural resources, etc.)	Yes	Butler County Subdivision Regulations Butler County Flood Damage Prevention Regulations Butler County Zoning Code Township Zoning Code (Fairfield, Liberty, St. Clair, Wayne, West Chester) City of Trenton Subdivision Regulations and Zoning		All documents have been updated to include post construction requirements. Documents are reviewed as needed to ensure compliance.	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)
<b>Post-Construction Requirements</b> Butler County Storm Water District and Co-Permittees	Comply with post-construction requirements for NPDES phase II permit.	Yes	Ohio EPA Construction General Permit requirements ODNR Rainwater and Land Development Manual ODOT Location and Design Manual Also, see above document list.		All documents have been updated to include post construction requirements. Documents are reviewed as needed to ensure compliance.	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)
<b>Site Plan Review Procedures</b> Butler County Storm Water District	Review all sites required to obtain Ohio EPA Construction General Permit	Yes	25	25	Made plan comments to ensure that all sites were in compliance with regulations.	Yes
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Site Inspections Performed		Summary of Results or Activities	Effective (Yes or No)
			# Performed	Avg. Frequency		
<b>Site Inspection Procedures</b> Butler County Storm Water District	Inspect all sites that require post construction BMPs (ie. greater than 5 acres)	Yes	431	Every two weeks	Inspected active sites for compliance with Erosion and Sediment Control Regulations.	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		
<b>Enforcement Procedures</b>	Ensure compliance with	Yes	8	0	Enforced compliance on all active sites.	Yes



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State of Ohio Environmental Protection Agency

Butler County Storm Water District	E&SC regulations.					
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)
<b>Long-Term O&amp;M Plans/Agreements</b>						
Butler County Storm Water District	Ensure that facilities are either publicly owned and operated or a Home Owners Association or a Property Owners Association is established.	Yes	17	17	The Butler County Engineers Office coordinates and plans inspections of all publicly owned and operated drainage structures within the District on an annual basis. Facilities and structures have maintenance performed as necessary based upon inspection results. A report is issued annually to the County commissioners on all inspection and maintenance activities.	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
<b>Ordinance or Other Regulatory Mechanism</b>	Comply with post-construction requirements for NPDES phase II permit. (ie. Provide for open space, minimization of impervious area, protection of natural resources, etc.)	All documents will be updated to include post construction requirements. Documents are reviewed as needed to ensure compliance.	Annually
Butler County Storm Water District			
<b>Post-Construction Requirements</b>	Comply with post-construction requirements for NPDES phase II permit.	All documents will be updated to include post construction requirements. Documents are reviewed as needed to ensure compliance.	Annually
Butler County Storm Water District			
<b>Site Plan Review Procedures</b>	Review all sites required to obtain Ohio EPA Construction General Permit	Make plan comments to ensure that all sites were in compliance with regulations.	Annually



Butler County Storm Water District			
<b>Site Inspection Procedures</b>	Inspect all sites that require post construction BMPs (ie. greater than 5 acres)	Inspect active sites for compliance with Erosion and Sediment Control Regulations.	Annually
Butler County Storm Water District			
<b>Enforcement Procedures</b>	Ensure compliance with E&SC regulations.	Enforce compliance on all active sites.	Annually
Butler County Storm Water District			
<b>Long-Term O&amp;M Plans/Agreements</b>	Ensure that facilities are either publicly owned and operated or a Home Owners Association or a Property Owners Association is established.	The Butler County Engineers Office will continue to coordinate and plan inspections of all publicly owned and operated drainage structures within the District on an annual basis. Facilities and structures have maintenance performed as necessary based upon inspection results. A report is issued annually to the County commissioners on all inspection and maintenance activities.	Annually
Butler County Storm Water District			





**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	Establish plan for training and train 25% per year	Yes	Varied by facility. Topics include: Spill Identification and Emergency response; SPCC; Construction Site Runoff Control; Snow and Ice Control	Municipal Employees	109 Employees	Reviewed PPGHP and training video..	Yes
Butler County Storm Water District							
List of Municipal Facilities Subject to Program					O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
1. Butler County Engineer's Office 2. Butler County Regional Airport 3. City of Trenton 4. Fairfield Township ( Morris Road ) 5. Fairfield Township (Tylersville Road) 6. Hanover Township 7. Lemon Township 8. Liberty Township 9. Madison Township 10. Metroparks of Butler County 11. Ross Township 12. St. Clair Township 13. Village of New Miami 14. Village of Seven Mile 15. Wayne Township 16. West Chester Township					Yes	12	Annual
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Maintenance activities are preformed on an as-needed basis.			The Butler County Engineers Office coordinates and plans inspections of all drainage structures within the District on an annual basis. Facilities and structures have maintenance performed as necessary based upon inspection results. A report is issued annually to the County commissioners on all inspection and maintenance activities.			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		1495* gallons of automotive fluids recycled ( i.e. Transmission fluid, gear oil, engine oil )				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		12,595.5*	Salt usage minimized through the use of Standard Operating Procedures (SOPs) for snow and ice control. Further reductions are achieved with the use of the automated brine maker and distribution tanks for pretreatment. Also investigated and experimented with beet juice as salt alternative.			



	<b>Procedures Developed (Yes or No)</b>	<b>Gallons Used</b>	<b>Summarize Measures Taken to Minimize Usage</b>
<b>Pesticide &amp; Herbicide Usage</b>	Yes	416.75 gallons of liquid concentrate plus 2,028 lbs. granular*	Butler County Engineers Office has developed and implemented Standard Operating Procedures (SOPs) for pesticide and herbicide application. All employees that participate in pesticide and herbicide application are licensed by the Ohio Department of Agriculture.
	<b>Procedures Developed (Yes or No)</b>	<b>Pounds Used</b>	<b>Summarize Measures Taken to Minimize Usage</b>
<b>Fertilizer Usage</b>	N/A	N/A	N/A
	<b>Procedures Developed (Yes or No)</b>	<b>Document Amount of Material Collected and Properly Disposed</b>	
<b>Street Sweeping</b>	Yes	Street sweeping as needed for county bridges and curb & gutter roads. Procedure in place for dewatering and disposal of collected waste. Currently procedures do not include a method to calculate and record the amount of material collected.	
	<b>Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality</b>		
<b>Flood Management Projects</b>	N/A		
<b>BONUS ACTIVITIES</b>	N/A	SEE ATTACHMENT "C"	This list contains activities that not specifically required by permit or listed as part of the District's Storm Water Management Plan.
Butler County Storm Water District			

\*Numbers reflect totals as reported by 12 of 16 facilities.

**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
<b>Employee Training Program</b>	Train 25% of municipal employees subject to program.	Continue to implement training component of facility PPGHP.	Annually
Butler County Storm Water District			
<b>List of Facilities Subject to Program</b>	List all facilities subject to Program.	Review existing list of facilities subject to program and make changes as needed.	Annually
Butler County Storm Water District			
<b>MS4 Maintenance</b>	Inspect drainage structures within the District on	Coordinate and plan inspections of drainage structures within the District on an annual basis.	Annually



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Butler County Storm Water District	an annual basis.	Perform maintenance as necessary based upon inspection results. Issue report annually to the County commissioners on all inspection and maintenance activities.	
<b>Disposal of Wastes</b>	Gallons of oil properly recycled/recovered	Recycle oil.	Continuous.
Butler County Storm Water District			
<b>Road Salt</b>	Minimize salt usage	Minimize salt usage through the use of Snow and Ice control SOPs, use of brine pretreatment system and investigate salt alternatives.	Annually
Butler County Storm Water District			
<b>Pesticide &amp; Herbicide Usage</b>	Minimize pesticide and herbicide usage	Continue to implement implemented Standard Operating Procedures (SOPs) for pesticide and herbicide application. Ensure employees obtain and maintain licensed by the Ohio Department of Agriculture license.	Annually
Butler County Storm Water District			
<b>Fertilizer Usage</b>	N/A	N/A	N/A
Butler County Storm Water District			
<b>Street Sweeping</b>	Properly dispose of and Document Amount of Material Collected	Develop and implement a method to calculate and record the amount of material collected.	Complete by the end of the permit cycle- 2014.
Butler County Storm Water District			
<b>Flood Management Projects</b>	N/A	N/A	N/A
Butler County Storm Water District			

**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.



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**VARIANCES GRANTED (IF ANY)**

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