

NPDES Phase II Annual Report

2006

Report to Ohio EPA Regarding Status of
Portage County & Co-permittees:

Brimfield Township
Franklin Township
Ravenna Township
Rootstown Township
Suffield Township
City of Ravenna
City of Streetsboro
Brady Lake Village
Village of Sugar Bush Knolls

Storm Water Management Program
in conformance
with EPA Permit #3GQ00041*AG

Submitted April 2007

Public Education & Involvement – MCM #1 & #2

2006 Public Education & Information Measurable Goals

Schedule	BMP and Measurable Goals
5/2006	Portage SWCD will conduct a workshop on innovative storm water management techniques. Responsible Party: Portage SWCD
8/2003-3/2008	Storm drain stenciling programs will be conducted in participating communities. Responsible Party: Portage SWCD
9/2003-5/2007	Implement comprehensive storm water and non-point source pollution education program to the school systems serving the permit communities. Responsible Party: Portage SWCD
3/2004-12/2007	Participating communities distribute educational brochures to residents via special events, community buildings, municipal offices, mailings, etc. Responsible Party: Storm Water Task Force communities

Compliance for Public Education & Information Activities

Activity	Conservation News	Date(s)	1/06
Responsible Party	Portage SWCD		
Distributed (#)	8,000		
Description	Portage SWCD Newsletter Articles on Stormwater – <i>Storm Water: When It Drains, It Rains & When It Melts, It Moves!</i>		
Other Comments	See Documentation		

Activity	Newspaper Article	Date(s)	2/9/06
Description	News article on wetland preservation appeared in Record Courier.		

Activity	Newspaper Article	Date(s)	2/23/06
Description	News article on tree planting appeared in Record Courier.		

Activity	Newspaper Article	Date(s)	2/26/06
Description	News article on flooding appeared in Record Courier.		

Activity	Conservation News	Date(s)	3/06
Responsible Party	Portage SWCD		
Distributed (#)	8,000		
Description	Portage SWCD Newsletter Articles on Summer Stormwater Education Series		
Other Comments	See Documentation		

Activity	Storm Water Task Force Meeting	Date(s)	3/21/06
Responsible Party	Portage SWCD & Storm Water Task Force Members		
Location	Garden Meeting Room, Ravenna		
Participants (#)	15		
Description	Public meeting of the Portage County Storm Water Task Force. See documentation for agenda and materials distributed.		
Activity	Video Training – “Tempest in a Storm”	Date(s)	4/4/06
Responsible Party	Portage County Engineers Office		
Location	PC Engineer’s Office		
Participants	55		
Description	US EPA video training.		

Activity	Newspaper Article	Date(s)	5/10/06
Description	News article on rain garden workshop appeared in Record Courier.		

Activity	Rain Garden Workshop	Date(s)	5/10/06
Responsible Party	Portage SWCD		
Location	Garden Meeting Room		
Participants	13		
Description	Presentation on storm water and rain gardens as part of the Summer Stormwater Education Series.		

Activity	Public Meeting	Date(s)	5/18/06
Responsible Party	Ravenna City		
Location	City of Ravenna, 7:00pm		
Description	Duane Porter, Portage County Health Commissioner, and Charles Ramer, Portage County Solid Waste District Director, discussed two landfills in the watershed and included information relative to the impact of storm water.		

Activity	Town Hall Meeting	Date(s)	5/24/06
Responsible Party	Ravenna City		
Location	West Main Elementary School, 7:00-9:00pm		
Description	A considerable amount of time was spent discussing storm water BMPs, answering questions relative to storm water, and providing general information relative to the importance of and need for Phase II storm water regulations.		

Activity	Appliance & Tire Recycling	Date(s)	6/2006
Responsible Party	City of Streetsboro Service Department		
Description	Pickup offered annually to residents of the City.		

Activity	Newspaper Article	Date(s)	6/5/06
Description	News article on stream monitoring program appeared in Record Courier.		

Activity	Newspaper Article	Date(s)	6/6/06
Description	News article on drainage program appeared in Record Courier.		

Activity	Stormwater & Ohio Drainage Laws	Date(s)	6/7/06
Responsible Party	Portage SWCD		
Location	Garden Meeting Room		
Participants	39		
Description	David Pennington of Wright Law Co. gave a presentation on storm water and Ohio's drainage laws as part of the Summer Stormwater Education Series.		

Activity	Newspaper Article	Date(s)	6/8/06
Description	News article on drainage program appeared in Record Courier.		

Activity	Public Meeting	Date(s)	6/15/06
Responsible Party	Ravenna City		
Location	Garden Meeting Room, 6:30pm		
Description	Discussion and information relative to the Portage County Watersheds Plan was provided by Chris Craycroft, Portage County Park District and Claudia James, Portage County Regional Planning Commission. Claude Custer of NEFCO provided an overview of the Breakneck Creek Watershed Plan efforts in progress. A landowner outreach project was discussed, as well as the need to install stream crossing signs.		

Activity	Storm Water Task Force Meeting	Date(s)	6/21/06
Responsible Party	Portage SWCD & Storm Water Task Force Members		
Location	Garden Meeting Room, Ravenna		
Participants (#)	17		
Description	Public meeting of the Portage County Storm Water Task Force. See documentation for agenda and materials distributed.		

Activity	Conservation News	Date(s)	7/06
Responsible Party	Portage SWCD		
Distributed (#)	8,000		
Description	Portage SWCD Newsletter Articles on Erosion & Sediment Control Field Day		
Other Comments	See Documentation		

Activity	Newspaper Article	Date(s)	7/11/06
Description	News article on subdivision appeared in Record Courier.		

Activity	Breakneck Creek Watershed Field Trip	Date(s)	8/10/06
Responsible Party	Ravenna City		
Participants	21		
Description	Ravenna City hosted a field trip to give a first-hand view of the Breakneck Creek watershed. A bus was utilized to take interested community members on a tour of the creek headwaters and surrounding watershed. There was also a walk along a portion of the creek and some narration relative to the significance and history of portions of the watershed to the community.		

Activity	Erosion & Sediment Control Field Day	Date(s)	9/13/06
Responsible Party	NE Ohio SWCD Urban Team		
Location	RG Drage Career Center, Massillon		
Participants (#)	71		
Description	All day workshop for builders, developers, contractors and engineers. Included in-class education sessions on wetland regulations, post-construction stormwater design and new technologies, hands-on outdoor field demonstrations, and a trade show.		
Activity	Storm Water Task Force Meeting	Date(s)	9/20/06
Responsible Party	Portage SWCD & Storm Water Task Force Members		
Location	Garden Meeting Room, Ravenna		
Participants (#)	12		
Description	Public meeting of the Portage County Storm Water Task Force. See documentation for agenda and materials distributed.		

Activity	Cuyahoga River Watershed Symposium Presentation	Date(s)	10/18/06
Responsible Party	Portage SWCD		
Description	Presentation given by Jennifer White on the progress of the Portage County Storm Water Management Program.		

Activity	Public Meeting – Breakneck Creek Coalition	Date(s)	11/29/06
Responsible Party	Ravenna City		
Location	Garden Meeting Room, 6:00pm		
Description	Claude Custer of NEFCO provided an overview of the Breakneck Creek Watershed Plan efforts in progress. City of Ravenna representative Dave Merleno participated in the development and adoption of by-laws of the Breakneck Creek Coalition.		

Activity	Conservation News	Date(s)	12/06
Responsible Party	Portage SWCD		
Distributed (#)	8,000		
Description	Portage SWCD Newsletter Articles on Stormwater – <i>Storm Water Program Technology Update</i>		
Other Comments	See Documentation		

Activity	Public Meeting – Breakneck Creek Coalition	Date(s)	12/12/06
Responsible Party	Ravenna City		
Location	Garden Meeting Room, 6:00pm		
Description	City of Ravenna representative Dave Merleno participated in the presentation of the Breakneck Creek Watershed Plan.		

Activity	Storm Water Task Force Meeting	Date(s)	12/13/06
Responsible Party	Portage SWCD & Storm Water Task Force Members		
Location	Garden Meeting Room, Ravenna		
Participants (#)	12		
Description	Public meeting of the Portage County Storm Water Task Force. See documentation for agenda and materials distributed.		

Activity	Storm Water Utility Brochure	Date(s)	2006
Responsible Party	Ravenna City		
Description	Direct mailings to all residents of the City. The need for and the benefits of storm water management are highlighted in the brochure.		

Activity	Rain Garden Manual	Date(s)	2006
Responsible Party	Ravenna City		
Description	Distributed at meetings and displayed at community buildings throughout 2006 and 2007.		

Activity	Breakneck Creek Watershed brochures	Date(s)	2006
Responsible Party	Ravenna City		
Description	Distributed at meetings and displayed at community buildings throughout 2006 and 2007.		
Other Comments	See Documentation		

Activity	Storm Water Brochure Distribution	Date(s)	2006
Responsible Party	City of Streetsboro		
Description	Regular distribution of stormwater pamphlets and brochures to the public via the Municipal Building display table and annually at the Streetsboro Showcase.		

Activity	Seasonal Tree, Brush & Leaf Pickup	Date(s)	2006
Responsible Party	City of Streetsboro Service Department		
Description	Pickup offered annually to residents of the City.		

Activity	Watershed Watch	Date(s)	Spring & Fall 2006
Responsible Party	Portage SWCD		
Location	Various		
Participants (#)	~200	Classes (#)	10
Description	Watershed Watch is offered to students in grades 5–12 in Portage County. Participating classes agree to adopt a stream segment and monitoring it twice per year for aquatic macroinvertebrates and using the Ohio Sediment Stick. Teachers participate in a fall monitoring training. All classes get a monitoring training as well as a storm water quality presentation that emphasizes human impacts and non-point source pollution using the Enviroscape model.		
Comments	All registered classes received the storm water presentation and the stream monitoring training, though not all classes were able to get into the stream to monitor due to poor weather or unavailability of transportation.		

Activity	Storm Water Education Programs	Date(s)	Spring & Fall 2006
Responsible Party	Portage SWCD		
Location	Aurora City, James A. Garfield, Kent Roosevelt, Ravenna City, Rootstown, Southeast, Streetsboro City, Waterloo, Windham		
Participants (#)	~4,000		
Description	Using the Enviroscape model, ground water model and/or streamulator model, students in grades 1-12 are educated on point source vs. non-point source pollution, storm drains, storm water quality, human impacts and solutions to water quality problems. This program is offered to all classes in Portage County and is utilized on a voluntary basis, though all regulated communities stress the importance of this program to their schools. Students also receive a copy of "Solutions to Storm Water Pollution" to take home and share with their families.		
Comments	Classes from four of the five of the school districts located in regulated areas participated in these programs.		

Activity	Distribution of Storm Water Brochures	Date(s)	2006
Responsible Party	Portage SWCD & Storm Water Task Force Members		
Distributed (#)	2,000		
Description	Approximately 1,000 each of two USEPA educational brochures on storm water (<i>After the Storm</i> and <i>Solution to Storm Water Pollution</i>) distributed by the Portage SWCD and members of the Storm Water Task Force to local residents via office displays, community events and Portage County Fair.		

Activity	Fostering Watershed Groups	Date(s)	2006
Responsible Party	Portage SWCD & Storm Water Task Force Members		
Watershed Groups	Breakneck Creek Coalition, Tinkers Creek Watershed Partners & Upper Cuyahoga River Watershed Task Force		
Description	Portage SWCD staff and members of the Storm Water Task Force regularly attend meetings of these watershed groups to provide assistance and to keep members informed of storm water programs in the watershed.		

Activity	Portage SWCD Website	Date(s)	2006
Responsible Party	Portage SWCD		
Description	A storm water resource page is maintained on the Portage SWCD website (www.portageswcd.org). The regulated communities that have websites have been linked to this page and information on the current progress of the storm water management program is located here.		

Activity	Suffield Township Website	Date(s)	2006
Responsible Party	Suffield Township		
Description	Storm Water Task Force updates and resource information is maintained on the Suffield Township website (www.ronmishler.com).		

Activity	Rootstown Township Website	Date(s)	2006
Responsible Party	Rootstown Township		
Description	Storm Water Task Force updates and resource information is maintained on the Rootstown Township website (www.rootstowntwp.com).		

Activity	City of Ravenna Website	Date(s)	2006
Responsible Party	City of Ravenna		
Description	Storm water program updates and resource information is maintained on the City of Ravenna website (www.ci.ravenna.oh.us).		

Activity	Brimfield Township Website	Date(s)	2006
Responsible Party	Brimfield Township		
Description	Storm Water Task Force updates and resource information is maintained on the Brimfield Township website (http://www.brimfielddohio.com/roaddepartment.htm).		

Additional Compliance Information

The Portage SWCD is a member of the NEO-PIPE committee, which is a public education and information resource for storm water in Northeast Ohio. NEO-PIPE programs such as the Patch project, rain garden project and storm water workshop planning have been used in Portage County regulated communities.

2007 Public Education & Information Measurable Goals

Schedule	BMP and Measurable Goals
3/2007	Portage SWCD will hold a public meeting to update citizens on the status of the storm water management program. Responsible Party: Portage SWCD
6/2007	Portage SWCD will educate the public on the benefits of riparian areas using newspaper articles, brochures and a public workshop. Responsible Party: Portage SWCD
10/2007	Portage SWCD will distribute a volunteer award to outstanding volunteers in the storm water management program. Responsible Party: Portage SWCD
12/2007	Portage SWCD will mail public opinion and awareness surveys to 1,000 randomly selected households within the permit coverage area to evaluate current public knowledge of storm water issues. Responsible Party: Portage SWCD
8/2003-3/2008	Storm drain stenciling programs will be conducted in participating communities. Responsible Party: Portage SWCD
9/2003-5/2007	Implement comprehensive storm water and non-point source pollution education program to the school systems serving the permit communities. Responsible Party: Portage SWCD
3/2004-12/2007	Participating communities distribute educational brochures to residents via special events, community buildings, municipal offices, mailings, etc. Responsible Party: Storm Water Task Force communities

Comments and/or Proposed Changes for 2007 Public Education & Involvement

Portage SWCD will be conducting an educational program for the public on the benefits of intact riparian areas. Changes are also reflected in the SWMP.

Illicit Discharge Detection & Elimination – MCM #3

2006 Best Management Practices & Measurable Goals

Schedule	BMP and Measurable Goals
5/2006	Storm Water Ordinance Committee meets and participates in a facilitated work session. Responsible Party: Storm Water Task Force & Storm Water Ordinance Committee
7/2006	Storm Water Task Force begins process of developing an ordinance or other enforcement mechanism for illicit discharges in Portage County. Responsible Party: Storm Water Task Force & Storm Water Ordinance Committee
8/2006	Conduct an educational workshop for homeowners on the proper operation and maintenance of home sewage treatment systems. Responsible Party: Portage SWCD
1/2006-2008	Communities conduct identification and mapping program for storm water outfalls and illicit discharges.
8/2003-2008	Communities work with Portage County Health Department to obtain and distribute educational video and materials on the proper operation and maintenance of home sewage treatment systems. Responsible Party: Portage SWCD & Storm Water Task Force
8/2003-2008	Communities work with Portage County Solid Waste District to obtain and distribute educational materials on the drop-off sites and proper disposal of household hazardous wastes. Responsible Party: Portage SWCD & Storm Water Task Force

Compliance for Illicit Discharge Detection & Elimination

Activity	Storm Water Ordinance Committee Meeting	Date(s)	5/4/06
Responsible Party	Task Force & Portage SWCD		
Location	Garden Meeting Room		
Participants (#)	20		
Description	<p>The goal of the committee is to develop one set of regulatory mechanisms for storm water that can be adopted by all of the communities in portage County so that storm water quality can be addressed as consistently and effectively as possible. The committee reviewed the regulations drafted by the subcommittees, agreed on some revisions, and accepted them as final drafts. These draft model ordinances for Illicit Discharges and for Stormwater Management (including construction site runoff control and post-construction storm water quality) will be forwarded to the appropriate community officials for review and adoption.</p>		

Activity	City of Streetsboro – GIS Training	Date(s)	6/2006
Responsible Party	City of Streetsboro		
Description	Service Director and Assistant Service Director completed GIS Training. Staff continues to learn GIS software through biweekly training sessions with Engineering Department.		

Activity	Portage County GIS – Outfall Mapping Link	Date(s)	9/22/06
Responsible Party	Portage County, Portage SWCD		
Description	Portage County is in the process of developing a county-wide GIS. They have agreed to incorporate a secure GIS layer for the outfall and illicit discharge maps of regulated communities. This will allow communities to more easily access their information.		

Activity	Illicit Discharge Ordinance Adoption	Date(s)	2/2007
Responsible Party	Ravenna City		
Comments	See attached documentation.		

Activity	Ravenna City – Mapping Progress	Date(s)	2006
Responsible Party	Ravenna City		
Description	Storm water system mapping field work is completed. Completion of the maps in electronic format is underway and will be finished in 2007.		

Activity	Portage County Illicit Discharge Detection & Elimination Activities	Date(s)	2006
Responsible Party	Portage County Engineer’s Office		
Description	Continue to identify potential illicit discharges during routine ditch maintenance and report to Portage County Health Department.		

Activity	City of Ravenna Illicit Discharge Detection & Elimination Activities	Date(s)	2006
Responsible Party	City of Ravenna		
Description	<p>Illicit Discharge Detection Program</p> <ul style="list-style-type: none"> • Efforts are underway to establish a formal illicit discharge detection program that is consistent with the newly developed storm water maps. • Identification of a sanitary discharge into the storm sewer system at a 4-unit apartment building on Shadowood Drive. The owner has been notified of the requirement to disconnect. Resistance from the building owner to correct the problem has delayed the remedy and may result in legal action. • The elimination of a septic system has been mandated for a resident on Coe Road. This matter has been turned over to the Portage County Health Department. • An illicit discharge from cooling water process was identified at Enduro Rubber Company on Chestnut Street. They have been mandated to tie into the sanitary sewer. Information relative to the discharge was gathered and considered for inclusion in the City of Ravenna Industrial Pretreatment Program. <p>Voluntary Commercial Inspections</p> <p>A voluntary inspection was conducted at General Electric warehouse and lamp Plant on 6/27/06 for the primary purpose of illicit discharge detection, pollution prevention, and good housekeeping evaluation. Mr. Michael Heroux, Plant Manager, requested the City's assistance in evaluating their facility.</p>		

Activity	Ravenna City – Good Housekeeping Pollution Prevention Plans	Date(s)	2006
Responsible Party	Ravenna City		
Description	Good Housekeeping Pollution Prevention Plans have been developed for the various city departments and include routine inspections for illicit discharges at city facilities.		
Comments	See attached documentation		

Activity	City of Streetsboro - Mapping Progress	Date(s)	2006
Responsible Party	City of Streetsboro		
Description	Initial storm sewer system mapping and aerial photography completed by Arcadis. Service and Engineering Department staff will continue the mapping project using handheld GPS units and GIS.		

Activity	Storm Water Specialist Grant	Date(s)	2006
Responsible Party	Portage SWCD		
Description	Portage SWCD hired a part-time storm water specialist via grant funding from ODNR-DSWC. The primary purpose of this position is to directly assist the regulated communities with employee training, GPS mapping and outfall and illicit discharge detection. The regulated communities are responsible for fulfilling Minimum Control Measure #3, but this SWCD staff person will assist them with this goal.		

Activity	Brady Lake Village – Mapping Progress	Date(s)	2006
Responsible Party	Brady Lake Village		
Description	Outfall mapping is complete. Illicit discharge detection and elimination plan is being developed.		

Activity	Brimfield Township – Mapping Progress	Date(s)	2006
Responsible Party	Brimfield Township		
Description	Outfall mapping is nearly completed. Illicit discharge detection and elimination plan is being developed.		

Activity	Portage County – Mapping Progress	Date(s)	2006
Responsible Party	Portage County Engineer's Office		
Description	Outfall mapping is complete. Illicit discharge detection and elimination plan is being developed.		

Activity	Franklin Township – Mapping Progress	Date(s)	2006
Responsible Party	Franklin Township		
Description	All outfalls have been identified. The township is in the process of digitally mapping the outfalls. Illicit discharge detection and elimination plan is being developed.		

Activity	Ravenna Township – Mapping Progress	Date(s)	2006
Responsible Party	Ravenna Township		
Description	Outfall mapping is approximately 50% complete. Illicit discharge detection and elimination plan is being developed.		

Activity	Rootstown Township – Mapping Progress	Date(s)	2006
Responsible Party	Rootstown Township		
Description	Outfall mapping is complete. Illicit discharge detection and elimination plan is being developed.		

Activity	Suffield Township – Mapping Progress	Date(s)	2006
Responsible Party	Suffield Township		
Description	Outfall mapping is underway. Illicit discharge detection and elimination plan is being developed.		

Activity	Village of Sugar Bush Knolls – Mapping Progress	Date(s)	2006
Responsible Party	Village of Sugar Bush Knolls		
Description	Outfall mapping is complete. Illicit discharge detection and elimination plan is complete.		

2007 Illicit Discharge Detection & Elimination Measurable Goals

Schedule	BMP and Measurable Goals
1/2007	Storm Water Task Force will propose concept of storm water utility to local officials for review and comment. Responsible Party: Storm Water Task Force & Storm Water Ordinance Committee
5/2007	Communities develop plans and procedures to identify and eliminate illicit discharges entering the MS4s from known sources. Responsible Party: Storm Water Task Force
1/2006-2008	Communities conduct identification and mapping program for storm water outfalls and illicit discharges.
8/2003-2008	Communities work with Portage County Health Department to obtain and distribute educational video and materials on the proper operation and maintenance of home sewage treatment systems. Responsible Party: Portage SWCD & Storm Water Task Force
8/2003-2008	Communities work with Portage County Solid Waste District to obtain and distribute educational materials on the drop-off sites and proper disposal of household hazardous wastes. Responsible Party: Portage SWCD & Storm Water Task Force

Construction Site Storm Water Runoff Control – MCM #4

2006 Best Management Practices & Measurable Goals

Schedule	BMP and Measurable Goals
5/2006	Storm Water Ordinance Committee meets and participates in a facilitated work session. Responsible Party: Storm Water Task Force & Storm Water Ordinance Committee
6/2006	Portage SWCD conducts a BMP workshop for developers. Responsible Party: Portage SWCD
6/2006	Storm Water Task Force evaluates inspection process. Responsible Party: Portage SWCD & Storm Water Task Force Members
3/2003-2008	Begin to inform citizens of the requirement to apply for a permit for disturbed areas over one acre. Responsible Party: Portage SWCD & Storm Water Task Force

Compliance for Construction Site Storm Water Runoff Control

Activity	Storm Water Ordinance Committee Meeting	Date(s)	5/4/06
Responsible Party	Task Force & Portage SWCD		
Location	Garden Meeting Room		
Participants (#)	20		
Description	<p>The goal of the committee is to develop one set of regulatory mechanisms for storm water that can be adopted by all of the communities in portage County so that storm water quality can be addressed as consistently and effectively as possible. The committee reviewed the regulations drafted by the subcommittees, agreed on some revisions, and accepted them as final drafts. These draft model ordinances for Illicit Discharges and for Stormwater Management (including construction site runoff control and post-construction storm water quality) will be forwarded to the appropriate community officials for review and adoption.</p>		

Activity	Erosion & Sediment Control Field Day	Date(s)	9/13/06
Responsible Party	NE Ohio SWCD Urban Team		
Location	RG Drage Career Center, Massillon		
Participants (#)	71		
Description	<p>All day workshop for builders, developers, contractors and engineers. Included in-class education sessions on wetland regulations, post-construction stormwater design and new technologies, hands-on outdoor field demonstrations, and a trade show.</p>		

Activity	NPDES Construction Permit Fact Sheet	Date(s)	2006
Responsible Party	Portage SWCD & Portage County Building Department		
Description	A fact sheet explaining the changes to the construction permit and a copy of the <i>Solution to Storm Water Pollution</i> brochure is included in the building permit application packet to help inform residents of the storm water program and of the need to obtain a permit if their project includes one or more acres of disturbance.		

Activity	SWP3 Plan Reviews & Inspections	Date(s)	2006
SWP3 Reviews (#)	56		
Site Inspections (#)	185		
Responsible Party	Portage SWCD		
Description	The Portage SWCD reviews and approves storm water pollution prevention plans		

Activity	SWP3 Plan Reviews & Site Inspections	Date(s)	2006
Responsible Party	City of Ravenna		
Description	Site sediment and erosion control BMPs were examined during plan review and construction site visits for 2 sites: Harvest Hills Residential Development and Robinson Memorial Hospital Expansion.		

Activity	Ravenna Construction Site Sediment, Erosion Control & Storm Water Management Ordinance Adoption	Date(s)	2/2007
Responsible Party	Ravenna City		
Comments	See attached documentation.		

Activity	City of Streetsboro Construction Site Runoff Control Activities	Date(s)	2006
Responsible Party	City of Streetsboro		
Description	<ul style="list-style-type: none"> • Pre-Construction meetings held for each new subdivision and erosion control measures are discussed with developers and contractors. • Silt fence required to be shown on all topographic maps when submitted. Silt fence must be installed correctly prior to any excavation on the subplot. This is enforced by the Engineering Department. • Street cleanings required at construction sites. • Contractor and/or developer required to jet and video their storm sewer as needed throughout the construction phase and prior to final acceptance. • Thorough inspection of storm sewer system by Engineering Department during punch list inspection at project completion. Items identified for repair/replacement must be addressed prior to final acceptance by the City. 		

Activity	Streetsboro Mud Bond Ordinance & Revisions	Date(s)	2006
Responsible Party	City of Streetsboro		
Description	The City of Streetsboro Mud Bond Ordinance has been in effect since 1999. Its purpose is to prevent the tracking of mud from active construction sites onto city streets. The City plans to modify this ordinance in conjunction with the Portage County Stormwater Model Ordinances. See attached explanation and documentation.		

Additional Compliance Information

The Portage SWCD is currently working with Regional Planning Commission and the Portage County Engineer's Office to update the county subdivision regulations to reflect the changes required by the storm water permit and the construction permit.

The recommendations of the Storm Water Ordinance Committee and the Portage County Prosecutor's office have been forwarded to the Portage County Board of Commissioners. It is the responsibility of the Board of Commissioners to use this information and appropriately adopt a regulatory mechanism to the maximum extent practicable and allowable by state law that will apply to the regulated townships.

The recommendations of the Storm Water Ordinance Committee have been forwarded to the municipalities that are co-permittees with Portage County. It is the responsibility of the leaders of these communities to use this information and appropriately adopt a regulatory mechanism to the maximum extent practicable and allowable by state law. City of Ravenna has adopted these ordinances.

2007 Construction Site Storm Water Runoff Control Measurable Goals

Schedule	BMP and Measurable Goals
6/2007	Storm Water Task Force investigates volunteer monitoring projects to determine effectiveness of sediment and erosion control regulations. Responsible Party: Storm Water Task Force
9/2007	Portage SWCD conducts a BMP workshop for developers. Responsible Party: Portage SWCD
3/2003-2008	Begin to inform citizens of the requirement to apply for a permit for disturbed areas over one acre. Responsible Party: Portage SWCD & Storm Water Task Force

Comments and/or Proposed Changes for 2007 Construction Site Runoff Control

The dates of the BMP workshops for builders and developers as been changed and noted in the SWMP.

Post Construction Storm Water Management – MCM #5

2006 Best Management Practices & Measurable Goals

Schedule	BMP and Measurable Goals
8/2006	Conduct a workshop for homeowners on nonstructural and landscape BMPs to control storm water runoff and increase infiltration. Responsible Party: Portage SWCD
12/2006	Storm Water Task Force proposes a County wide sediment and storm water control ordinance or other regulatory mechanism. Responsible Party: Storm Water Task Force Members
9/2006	Conduct a BMP workshop for developers. Responsible Party: Portage SWCD

Compliance for Post-Construction Storm Water Management

Activity	Storm Water Ordinance Committee Meeting	Date(s)	5/4/06
Responsible Party	Task Force & Portage SWCD		
Location	Garden Meeting Room		
Participants (#)	20		
Description	<p>The goal of the committee is to develop one set of regulatory mechanisms for storm water that can be adopted by all of the communities in portage County so that storm water quality can be addressed as consistently and effectively as possible. The committee reviewed the regulations drafted by the subcommittees, agreed on some revisions, and accepted them as final drafts. These draft model ordinances for Illicit Discharges and for Stormwater Management (including construction site runoff control and post-construction storm water quality) will be forwarded to the appropriate community officials for review and adoption.</p>		

Activity	Erosion & Sediment Control Field Day	Date(s)	9/13/06
Responsible Party	NE Ohio SWCD Urban Team		
Location	RG Drage Career Center, Massillon		
Participants (#)	71		
Description	<p>All day workshop for builders, developers, contractors and engineers. Included in-class education sessions on wetland regulations, post-construction stormwater design and new technologies, hands-on outdoor field demonstrations, and a trade show.</p>		

Activity	SWP3 Plan Reviews & Inspections	Date(s)	2006
SWP3 Reviews (#)	56		
Site Inspections (#)	185		
Responsible Party	Portage SWCD		
Description	The Portage SWCD reviews and approves storm water pollution prevention plans		

Activity	SWP3 Plan Reviews & Site Inspections	Date(s)	2006
Responsible Party	City of Ravenna		
Description	Site sediment and erosion control BMPs were examined during plan review and construction site visits for 2 sites: Harvest Hills Residential Development and Robinson Memorial Hospital Expansion.		

Activity	Construction Site Sediment, Erosion Control & Storm Water Management Ordinance Adoption	Date(s)	2/2007
Responsible Party	Ravenna City		
Comments	See attached documentation.		

Additional Compliance Information

The Portage SWCD is currently working with Regional Planning Commission and the Portage County Engineer's Office to update the county subdivision regulations to reflect the changes required by the storm water permit and the construction permit.

The recommendations of the Storm Water Ordinance Committee and the Portage County Prosecutor's office have been forwarded to the Portage County Board of Commissioners. It is the responsibility of the Board of Commissioners to use this information and appropriately adopt a regulatory mechanism to the maximum extent practicable and allowable by state law.

The recommendations of the Storm Water Ordinance Committee have been forwarded to the municipalities that are co-permittees with Portage County. It is the responsibility of the leaders of these communities to use this information and appropriately adopt a regulatory mechanism to the maximum extent practicable and allowable by state law. City of Ravenna has adopted the ordinance language.

2007 Post-Construction Storm Water Management Measurable Goals

Schedule	BMP and Measurable Goals
6/2007	Storm Water Task Force will begin to develop a program to ensure that operation and maintenance responsibilities are clearly identified. Responsible Party: Storm Water Task Force
9/2007	Conduct a BMP workshop for developers. Responsible Party: Portage SWCD

Good Housekeeping & Pollution Prevention – MCM #6

2006 Best Management Practices & Measurable Goals

Schedule	BMP and Measurable Goals
6/2004-2008	Conduct annual training programs in the participating communities for Road Superintendents and applicable employees. Responsible Party: Storm Water Task Force
3/2006-2008	Storm Water Task Force will evaluate and change pollution prevention plans as needed to eliminate pollution problems. Responsible Party: Storm Water Task Force

Compliance for Good Housekeeping & Pollution Prevention

Activity	Municipal Storm Water Pollution Prevention Training	Date(s)	1/17/06
Responsible Party	Brimfield Township		
Location	Township Hall		
Participants (#)	4		
Description	Employee training conducted on stormwater pollution prevention and BMPs using a training video kit from Excal Visual. The video focuses on BMPs that are important to many municipal operations such as good housekeeping, spill response, materials storage and handling, landscape maintenance and street maintenance. The video also shows employees how to spot potential illicit discharges occurring around town.		

Activity	Service Garage Drain Reconnection	Date(s)	3/2006
Responsible Party	City of Streetsboro		
Description	Two floor drains at Service Garage hooked to sanitary sewer.		

Activity	Municipal Storm Water Pollution Prevention Training	Date(s)	10/6/06
Responsible Party	Franklin Township		
Location	Township Garage		
Participants (#)	2		
Description	Employee training conducted on stormwater pollution prevention and BMPs using a training video kit from Excal Visual. The video focuses on BMPs that are important to many municipal operations such as good housekeeping, spill response, materials storage and handling, landscape maintenance and street maintenance. The video also shows employees how to spot potential illicit discharges occurring around town.		

Activity	Pollution Prevention Training	Date(s)	10/2006
Responsible Party	City of Ravenna		
Description	Following the video training, a copy of “Pollution Prevention Best Environmental Practices for Fleet Management” was given to all Service and Utility Department employees.		

Activity	Stormwater Fact Sheet Binder	Date(s)	12/2006
Responsible Party	Portage SWCD		
Description	Each member of the Storm Water Task Force will regularly receive a fact sheet on relevant storm water topics to use in employee training and awareness.		

Activity	City of Ravenna Good Housekeeping Activities	Date(s)	2006
Responsible Party	City of Ravenna		
Description	<p>Employee Training All managers and employees in the Ravenna Service Department attended training for BMPs related to pollution prevention and good housekeeping.</p> <p>Inspections Pollution Prevention & Good Housekeeping Programs were implemented with ongoing quarterly and annual inspections documented at all city facilities. See attached plans.</p>		

Activity	City of Streetsboro Good Housekeeping Activities	Date(s)	2006
Responsible Party	City of Streetsboro		
Description	<ul style="list-style-type: none"> • All vehicles washed inside Service garage. • All oil recycled quarterly • Oil dry used on floor to soak up spills. • All fluids (antifreeze, brake fluid, transmission fluid, etc.) are recycled. • Regular cleaning curb & gutter at main city intersection (SR43/14). • Regular repairs & replacements of existing storm sewer system by Service Department. 		

Activity	Suffield Township Road Salt Application	Date(s)	2006
Responsible Party	Suffield Township		
Description	The township minimizes the amount of salt applied to the road by mixing road grit collected from their street sweeping efforts with the salt.		

Additional Compliance Information

All members of the Storm Water Task Force are working on the development and adoption of their storm water pollution prevention plans.

The communities continue to utilize the Municipal Storm Water Pollution Prevention video training kit to train employees on good housekeeping BMPs and illicit discharge detection.

2007 Good Housekeeping & Pollution Prevention Measurable Goals

Schedule	BMP and Measurable Goals
6/2004-2008	Conduct annual training programs in the participating communities for Road Superintendents and applicable employees. Responsible Party: Storm Water Task Force
3/2006-2008	Storm Water Task Force will evaluate and change pollution prevention plans as needed to eliminate pollution problems. Responsible Party: Storm Water Task Force

Revised SWMP

Storm Water Task Force Documentation

Informational Meeting & Workshop Documentation

Policy Documentation

Newsletter Articles

Newspaper Articles & News Releases

Other Documentation