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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT

MS4 ANNUAL REPORT FORM

FOR STORM WATER DISCHARGES FROM
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)
Reporting Period (Check appropriate block that you are reporting):

- March 10, 2005 through March 9, 2006 (due June 9, 2006)
- March 10, 2006 through March 9, 2007 (due June 9, 2007)
- March 10, 2007 through March 9, 2008 (due June 9, 2008)

SECTION I – SMALL MS4 OPERATOR INFORMATION

1. Name of MS4 Permittee and NPDES Permit Number

Name: Peters Township PAG: 136160 PAI: _____
 Co-permittee : _____

2. Location

Municipality: Peters Township County: Washington
 Watershed Name(s): Peters Creek; Chartiers Creek; Piney Fork

3. Contact Person from the MS4

Name: Michael A. Silvestri Title: Township Manager Phone: 724-941-4180
 Fax: 724-942-5022 Email: MASilvestri@peterstownship.com

4. Permittee Mailing Address

Address: 610 East McMurray Road
 City: McMurray State: PA Zip Code: 15317

5. MS4 Website (If applicable)

URL: www.peterstownship.com/index.asp?Type=B_BASIC&SEC={5AA11532-9D07-4B1D-B7A0-FE1A278B2EE9}

6. Permittee's Consultant/Engineer Information (If applicable)

Company Name: Scott Rusmisl
 Consultant/Engineer Name: Gateway Engineers Title: Engineer
 Phone: 412-921-4030 Fax: 412-921-9960 Email: _____
 Address: 1011 Alcon Street
 City: Pittsburgh State: PA Zip Code: 15220

7C. Please provide current contact name and phone number information:

MCM #1

Public Education and Outreach on Storm Water Impacts

Name: Michael A. Silvestri Phone: 724-941-4180

MCM #2

Public Involvement/Participation

Name: Michael A. Silvestri Phone: 724-941-4180

MCM #3

Illicit Discharge Detection and Elimination (IDD&E)

Name: Michael A. Silvestri Phone: 724-941-4180

MCM #4

Construction Site Storm Water Runoff Control

Name: Michael A. Silvestri Phone: 724-941-4180

MCM #5

Post-Construction Storm Water Management in New Development and Redevelopment

Name: Michael A. Silvestri Phone: 724-941-4180

MCM #6

Pollution Prevention/Good Housekeeping for Municipal Operations

Name: Michael A. Silvestri Phone: 724-941-4180

CM#1 - PUBLIC EDUCATION AND OUTREACH ON STORM WATER IMPACTS — MINIMUM CONTROL MEASURE

8A. MS4s USING DEP PROTOCOL for this MCM

BMP: Update Target Audience Information (Have you reviewed your public education plan for accuracy and content and made any relevant changes regarding your target audiences and their communication channels? If so, include/attach your revised plan.)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

Peters Township uses the DEP Protocol for the NPDES Phase II Plan, as per discussion with Robert Scheib of DEP on May 24, 2006.

A review of the public education plan was conducted. All links on the website and material made available for public access was checked for accuracy and links were still available. The Township's website receives between 1,500 and 3,000 hits each month.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

BMP: Continue public education and outreach. (What was accomplished during the past permit year regarding: Developer education/outreach? Storm water ad in local newspaper? Provide posters or other information to schools and businesses? Storm drain stenciling/markings? Maintain website links and provide website educational info? Educational information in your newsletter? Any other public education/outreach?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

Articles relating to storm water and other environmental issues have appeared in all 3 municipal newsletters for the permit year. Our Environmental Quality Board (EQB) also promoted the storm drain stenciling program and why it is important at our Community Day in June of 2005. Our contracted engineering firm also conducted presentations to approximately 240 elementary students on storm sewers, storm water Phase II and pollution. A newspaper ad, courtesy of 3 Rivers Wet Weather, ran in March of 2005 to educate public to limit their use of fertilizers and pesticides for their spring and summer lawn maintenance.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#2 - PUBLIC INVOLVEMENT/PARTICIPATION — MINIMUM CONTROL MEASURE

A. MS4s USING DEP *PROTOCOL* for this MCM

BMP: Update your Public Involvement and Participation Plan (PIPP). (Have you reviewed your PIPP for accuracy and content and made any relevant changes? If so, include/attach your revised PIPP.)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

No changes have been made to our plan. Peters Township advertised our Household Hazardous Waste Collection that was held in September 2005 as well as the EQB quarterly recycling to area residents. Other programs such as composting seminars were offered to residents community-wide. A spring clean up day was also conducted on Earth Day, 2005 to collect refuse from roadways, parks and open spaces.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

B. BMP: Notify and solicit public input/involvement regarding implementation of your Storm Water Management Program. (How and when did you solicit public input/involvement? What were the results/accomplishments during the past permit year?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

Peters Township did not hold a formal public comment meeting. A meeting will be planned for this permit year in hopes of attracting interested residents to more fully develop a public participation plan.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

A public meeting will be held in this coming permit year.

CM#3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDD&E) — MINIMUM CONTROL MEASURE

12A. MS4s USING DEP PROTOCOL for this MCM

BMP: Map all outfalls and receiving water-bodies. (Is your map up-to-date and accurate? Have you mapped additional features that can assist your outfall screening program, such as inlets, piping and outfall drainage areas? If updated, please submit)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

No changes have been made to the current outfall map. New developments are added to the Township's GIS system as they are built. Our GIS mapping includes storm sewer locations and many inlets and manholes. New developments are added once constructed including the storm sewers and manholes. In addition the GIS mapping includes all storm water management facility locations of tanks and ponds.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

12B. BMP Implement and enforce ordinance to satisfy this Minimum Control Measure. (How was ordinance implemented and enforced during the past permit year in order to meet the goals of this MCM?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: The ordinance was maintained through several projects to eliminate any possibility of illicit discharges. The PT Sanitary Authority completed a project extending sewer service 400 feet to 3 dwellings, 2 of which had malfunctioning on-lot systems. The Authority stabilized about 180 linear feet of stream bank with gabion baskets where the stream had undercut and exposed portions of the intercepting sewer and also relocated about 950 feet of sanitary sewer along a tributary of Brush Run to eliminate a sewer crossing of the tributary which had become exposed by the stream undercutting the sewer. Continued on separate sheet.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

12C. BMP: Distribute IDD&E specific educational material. (What educational material was distributed to public employees, businesses and the general public concerning the hazards associated with illegal discharges and improper disposal of waste? Who received it? When?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

Our contracted Engineering Firm conducted a training with approximately 240 elementary school students about storm water drainage, Phase II and pollution in April of 2005. Peters Township also conducted another Household Hazardous Waste Collection in September of 2005. All residents were notified through the Municipal Newsletter as well as newspaper ads, website and cable television and direct household mailing. The event was able to collect approximately 39,300 pounds of hazardous waste from households and small businesses, diverting waste from illegal dumping/disposal.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#3 (continued)

2D. **BMP: Establish priority areas, conduct screening/sampling and take appropriate actions as needed.**
(Describe how the priority area was established and which outfalls were selected for screening during the past permit year. Summarize the results of your outfall screening/sampling. Include properly completed illicit discharge field screening form for any problem outfall. Include the illicit discharge quarterly summary report form. Describe the corrective actions taken to eliminate any illicit discharges or connections.)

Outfalls in system: 49 #Outfalls screened during the past permit year: 27

Outfalls with dry weather flow during the past permit year: 24

Outfalls sampled during the past permit year: 24

Outfalls determined to have an illicit discharge or connection during past permit year: 2

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

During year 2 of the outfall sampling, an additional 25% of outfalls needed to be monitored, 50% of the total outfalls. Of the chosen outfalls, all were sampled during wet weather and during dry weather, 3 were not tested as there was no water flowing. Two outfalls had chlorine present in the test results. The inspector notified Pennsylvania American water of the results.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

CM#4 - CONSTRUCTION SITE STORM WATER RUNOFF CONTROL — MINIMUM CONTROL MEASURE

14A. MS4s USING DEP PROTOCOL for this MCM

BMP: Implement and enforce ordinance to satisfy this Minimum Control Measure. (How was ordinance implemented and enforced during the past permit year in order to meet the goals of this MCM?).

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

Construction sites in Peters are not only monitored by the Washington County Conservation District, but also from our two inspectors and Township engineering firm. The Township also employs a Zoning Officer and Planning Director to enforce plans and monitor activities.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

14B. BMP: Implement procedures for the review and enforcement of Erosion and Sediment (E&S) Control Plans. (Who reviewed E&S Control Plans during the past permit year? Did the MS4 permittee conduct any E&S site inspections? Briefly describe any enforcement activities undertaken by the MS4 permittee.)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

A new agreement was signed with the Washington County Conservation District so that a greater working relationship could be achieved through the district's review of E & S plans and the expectation for the Township to review the plans and enforce the rules and regulations of Chapter 102 Erosion & Sediment Control and NPDES. The township engineer conducts on-site inspections to ensure E & S controls are installed and property being maintained. If the Township observes an E & S violation, then the Conservation District is notified as well as the developer.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

14C. BMP: Provide education and outreach for developers and builders. (What educational/outreach materials were distributed to developers/builders during the past permit year?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: Preconstruction meetings to ensure contractors understand the controls approved and when controls are to be implemented. All home builders receive the DEP narrative "Don't Let Storm Water Run Off With Your Time and Money" to inform contractors of importance for proper on-lot control implementation and maintenance.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#4 (continued)

- D. **BMP: Require construction site operators to control waste at the construction site.** (What was done in the past permit year to require construction site operators to control wastes such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary wastes?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: Peters Township currently has an ordinance that prohibits burying manmade waste. All manmade waste from construction or development must be disposed of by the developer/construction company. Periodic inspections occur and if any violations are observed, then the Township will notify the proper party of the non-compliance.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

- E. **BMP: Implement procedures for the receipt and consideration of information submitted by the public.** (Summarize any information or complaints received from the public during the past permit year concerning construction site storm water runoff. Briefly describe how you responded to any such information/complaints?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

Peters Township received complaints about sediment from a new development causing sediment build-up in a retention pond down stream on at 104 Homestead Drive. The Township Planning staff contacted the developer, the Wadwell Group and commitment in writing was made to remove sediment from retention facility by the developer.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

MCM#5 - POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT — MINIMUM CONTROL MEASURE

16A. **MS4s USING DEP *PROTOCOL* for this MCM**

BMP: Implement and enforce ordinance to satisfy this Minimum Control Measure. (How was ordinance implemented and enforced during the past permit year in order to meet the goals of this MCM?)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: Peters Township has post-construction requirements within its current ordinances. These measures are enforced through the Township's inspectors as well as the engineering firm. Inspectors do review and observe storm water facilities to ensure that they are performing at their approved capacity level. They are observed for silt build up or failure. This includes not only detention ponds, but also storage tanks.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

16B. **BMP: Ensure that all Post-Construction Storm Water Management (PCSWM) BMPs in new or re-development areas are built as designed, and operated and maintained properly.** (Summarize how the MS4 permittee accomplished this during the past permit year. Include a list of all applicable PCSWM BMPs.)

Measurable goal for this BMP was met. Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions: Prior to acceptance of storm water management facilities by the township, the developer is required to remove all sediment and provide as-built drawings to the Township to ensure approved capacity exists. In addition, the Township holds escrow funds for E & S controls and sediment pond removal or conversion. The Township does not accept improvements until the Township engineer certifies compliance.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

**MCM#6 - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS —
MINIMUM CONTROL MEASURE**

18A. MS4s USING DEP *PROTOCOL* for this MCM

BMP: Implement an operation, maintenance, inspection and repair program for all municipally owned storm water facilities. (Describe how your program was implemented during the past permit year. Include your written Operation & Maintenance (O&M) plan, if not previously submitted.)

Measurable goal for this BMP was met.

Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

Peters Township Public Works has in place an annual inspection rotation for storm water facilities and catch basin clean ups. Private storm water ponds and facilities are inspected and owners are notified if clean up for the facilities is warranted. During this permit year, the public works department replaced 331 feet of storm sewer pipe at 8 locations as well as 12 different storm basins. The department contracted out for some work totalling 1,129 feet of storm sewer pipe and 39 storm basins. The renovation of the Sienna Woods Detention Pond was completed in-house.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

A formal written annual inspection rotation for storm water facilities has not been adopted, but will be drafted and made available during the upcoming, year 4 permit year.

18B. BMP: Implement a pollution prevention/operation and maintenance program for all municipal vehicle/equipment operation, maintenance, fueling, and washing activities. (Describe how your program was implemented during the past permit year. Include your written pollution prevention/O&M plan, if not previously submitted.)

Measurable goal for this BMP was met.

Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

The Public Works Department currently has many practices in place to prevent or contain any hazardous spills or leaks. Clean up and preventative measures have been shared with employees of the department. The Department utilizes environmentally friendly soaps and cleansers for clean up and vehicle washing. Road salt is also stored in a three-sided covered area to prevent runoff. All police cars are taken to a commercial car wash facility, Fire Department vehicles are washed inside their facility draining to the sanitary system. Public Works vehicle maintenance occurs indoors and drains to a grease trap so that materials can be disposed of properly.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

A formal written pollution prevention, operations and maintenance plan has not been drafted. The Peters Township Public Works Department will create a written plan during this upcoming, year 4 permit year.

18C. BMP: Conduct BMP 18A and 18B training for appropriate municipal employees. (Who was trained? When was the training conducted? What was the subject matter?)

Measurable goal for this BMP was met.

Measurable goal for this BMP was not met.

Describe how goal was met; or if not met, give an explanation and proposed corrective actions:

Only informal training for staff was completed through the permit year. Once the formal written plan is adopted, the Department will then formally review the plan with staff as a training.

Is this BMP appropriate to meet your identified measurable goal? Yes No. If No, please provide additional information on other BMP(s) that would meet the goal.

A formal plan will be drafted, adopted and used as the formal training for the staff.

SECTION III – CERTIFICATION

CERTIFICATION STATEMENT

I certify under penalty of law that 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 the possibility of fine and imprisonment for knowing violations.

Michael A. Silvestri, Township Manager

Name and official title

May 24, 2006

Signature

Date

Sworn and subscribed to before me, this _____ day of _____, 200_____

Notary Public

My commission expires _____

(Notary Public Seal and Stamp)

12.B Continued:

The Township also took measures to enforce the current illicit discharge ordinance. All new developments must obtain E & S control plan approval from the Washington County Conservation District prior to beginning construction. The Township Engineer, Planning staff and development contractors participate in preconstruction meetings and review E & S control plan implementation sequence. All new building permits include DEP narrative "Don't Let Storm Water Run Off with Your Time and Money!" to ensure proper on-lot E & S controls are initially installed and maintained. Also, 4 on-lot systems malfunctioned in the past permit year. Three of these dwellings obtained repair permits and one will be connected to the Peters Creek Sanitary Authority system.