



MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) ANNUAL/PROGRESS REPORT

For the Reporting Period: 3/16/2013 to 3/15/2014

Annual Report Progress Report Year: 1 2 3 4 5 (Renewal)
 New Permittee Existing Permittee Due Date: 5/14/2014

GENERAL INFORMATION

Permittee Name: Borough of Downingtown	NPDES Permit No.: PAG-130140
Mailing Address: 4 West Lancaster Ave	Effective Date: 3/16/13
City, State, Zip: Downingtown, PA 19335	Expiration Date: 3/15/2018
MS4 Contact Person: Thomas J. Yuhas	Renewal Due Date: 9/16/2017
Title: Borough Engineer	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 610-269-0344 Ext 210	Municipality: Borough of Downingtown
Email: tyuhas@downingtowntown.org	County: Chester
Co-Permittees (if applicable):	

WATER QUALITY INFORMATION

Are there any discharges to waters within the Chesapeake Bay Watershed? Yes No

Identify all surface waters that receive stormwater discharges from storm sewers within the MS4 urbanized area and provide the requested information (see instructions).

Receiving Water Name	Ch. 93 Class.	Impaired?	Cause(s)	TMDL?	WLA?
E. Branch Brandywine Creek	WWF, MF	Yes	Unknown	No	No
Beaver Creek	CEF, MF	Yes	Unknown	No	No
Parke Run	WWF	Yes	Unknown	No	No
Reach 02040205001	WWF	Yes	Unknown	No	No
Reach 02040205000	CWF	No		No	No

Date TMDL Plan / Chesapeake Bay Pollutant Reduction Plan Submitted to DEP (if applicable): _____

Identify any Wasteload Allocations (WLAs) identified in TMDLs for the MS4, if applicable. Identify the pollutant(s) and mass load(s):

GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION

Have you completed all MCM activities required by the permit for this reporting period? Yes No

Provide current contact name and phone number information for the required MCMs (if same as page 1, leave blank):

MCM	Contact Name	Phone
#1 Public Education and Outreach on Storm Water Impacts	T. Yuhas and Robert Struble (BVA)	610-763-1090
#2 Public Involvement/Participation	T. Yuhas and Robert Struble (BVA)	610-763-1090
#3 Illicit Discharge Detection and Elimination (IDD&E)	T. Yuhas	610-269-0344
#4 Construction Site Storm Water Runoff Control	T. Yuhas and CCCD	
#5 Post-Construction Storm Water Management in New Development and Redevelopment	T. Yuhas	
#6 Pollution Prevention/Good Housekeeping	T. Yuhas	

MCM #1 – PUBLIC EDUCATION AND OUTREACH ON STORM WATER IMPACTS

BMP #1: Develop, implement and maintain a written Public Education and Outreach Program

***Measurable Goal:** For new permittees a Public Education and Outreach Program (PEOP) shall be developed and implemented during the first year of permit coverage and shall be re-evaluated each permit year thereafter and revised as needed. For renewal permittees, the existing PEOP shall be reviewed and revised as necessary. The permittee's PEOP shall be designed to achieve measurable improvements in the target audience's understanding of the causes and impacts of stormwater pollution and the steps they can take to prevent it.*

1. For new permittees only, attach the written PEOP or a summary thereof to the first report submitted to DEP.
2. Date of last evaluation of or revision to the PEOP: Contracted to BVA Downtown specific input dated 5/9/2014
3. What were the plans and goals for public education and outreach for the reporting period?
See BVA report.
4. Did the MS4 achieve its goal(s) for the PEOP during the reporting period? Yes No

Explain the rationale for your answer:

See BVA plan for contracted involvement. Stormwater ad in Daily Local News on March 5, 2014. Educational programs given by BVA on water topics included 3,675 students. Educational programs given by Paradise Farm on water topics included 4,850 students. BVA member mailings of newsletters (1300). RCVA member mailings of newsletters (600). For local involvement: Red Streams Blue education program for 4th grade at Beaver Creek Elementary School in Downingtown for 72 students and a rain barrel program there as well. There were two new rain gardens installed with volunteers; one at the new firehouse on Wallace Ave, and another at a Borough resident's lot on Lake Drive. We have had a lot of public input as we were discussing the drafting and adoption of the new Act 167 Model Ordinance and editing it for our specific location. We also drafted amendments for a revised Flood Plain management ordinance. These issues were explained to the Borough Council and general public as well as the attending press at five (5) separate Council meetings and two Planning Commission meetings. These efforts reached about 100 public attendees, the main street management group, the Municipal Water Authority members as well as the press. In addition we prepared a grant application to construct an MS-4 related stormwater project discussed with Council and the Public at two additional Council meetings. The attached support letter was submitted by the Johnstown Community Group that has about 700 members. See also, attached PEOP Plan. We have updated our website with new information as provided by BVA or DEP. We also added a line item in the budget for a news letter which generated additional discussion on the program.

5. Identify specific plans and goals for public education and outreach for the upcoming year:

We will be looking at implementation of the items listed in the attached PEOP with initial focus on setting up the tracking system for more efficient reporting

BMP #2: Develop and maintain lists of target audience groups present within the areas served by your MS4

Measurable Goal: For new permittees, the lists shall be developed within the first year of coverage under the permit and reviewed and updated as necessary every year thereafter. For renewal permittees, the lists shall continue to be reviewed and updated annually.

1. For new permittees only, attach your target audience list(s) to the first report submitted to DEP.
2. Date of last review or revision to target audience list(s): Reviewed by BVA, see their report for details. We are developing local specific target audiences for next report. see attached dated 5/9/14. See attached PEOP list of items.

BMP #3: Annually publish at least one educational material on your Stormwater Management Program

Measurable Goal: For new permittees, stormwater educational and informational items shall be produced and published in print and/or on the Internet within the first year of permit coverage. In subsequent years (and for renewal permittees), the list of items published and the content in these items shall be reviewed, updated, and maintained annually. Your publications shall contain stormwater educational information that addresses one or more of the 6 MCMs.

1. For new permittees only, attach your published stormwater educational or informational materials to the first report.
2. Date of last review and/or update to published stormwater education materials: March 5, 2014
3. MS4 Website URL (if applicable): <http://www.downingtown.org/DEP%20Stormwater.html>
4. Describe the method(s) used during the reporting period to provide information on stormwater to the public:
This item is contracted to BVA. We also place material with our information display in our lobby of Borough Hall and on our website.

5. Identify specific plans for the publication of stormwater materials for the upcoming year:
Same as above, but we are budgeting for a newsletter separate mailing.

BMP #4: Distribute stormwater educational materials to the target audiences

Measurable Goal: All permittees shall select and utilize at least two distribution methods in each permit year. These are in addition to the newsletter and website provisions of BMPs #3 and #4.

Identify the two additional methods of distributing stormwater educational materials during the previous year (e.g., displays, posters, signs, pamphlets, booklets, brochures, radio, local cable TV, newspaper articles, other advertisements, bill stuffers, posters, presentations, conferences, meetings, fact sheets, giveaways, or storm drain stenciling).

We place information sheets in our lobby at Borough Hall and issue information sheets with every building permit.

MCM #2 – PUBLIC INVOLVEMENT/PARTICIPATION

BMP #1: Develop, implement and maintain a written Public Involvement and Participation Program (PIPP)

Measurable Goal: A new permittee's PIPP shall be developed and implemented during the first year of coverage under this General Permit. All permittees shall re-evaluate the PIPP each permit year and revise as needed. Your PIPP shall include, but not be limited to:

- a. Opportunities for the public to participate in the decision-making processes associated with the development, implementation, and update of programs and activities related to this General Permit.
- b. Methods of routine communication to groups such as watershed associations, environmental advisory committees, and other environmental organizations that operate within proximity to the permittee's regulated small MS4s or their receiving waters.
- c. Making your periodic reports available to the public on your website, at your municipal offices, or by US Mail upon request.

1. For new permittees only, attach the written PIPP or a summary thereof to the first report submitted to DEP.

2. Date of last review and/or update to the PIPP: 5/9/2014

3. Explain how your PIPP addresses items a, b and c of the Measurable Goal:

Item a above: Part A of the PIPP lists 6 good areas for public participation. Items a, b, c, e, and f all had activity for the current year.

Item b above: Part B of the PIPP lists 6 methods for communication. Items a, c, and d all had activity for the current year.

Item c above: Part C of the PIPP will address this item.

BMP #2: Prior to adoption of any ordinance (municipal permittees) or SOP (non-municipal permittees) required by this permit, provide adequate public notice and opportunities for public review, input, and feedback.

Measurable Goal: Advertise any proposed MS4 Stormwater Management Ordinance or SOP, provide opportunities for public comment, evaluate any public input and feedback, and document the comments received and the municipality's response.

If an ordinance or SOP was enacted/developed or amended during the reporting period, provide the following information:

Ordinance No. / SOP Name	Date of Public Notice	Date of Public Hearing	Date Enacted
2013-09	11/18/2013	12/4/2013	12/4/2013
2013-10	12/4/2014	12/18/2013	12/18/2013

BMP #3: Regularly solicit public involvement and participation from the target audience groups. This should include an effort to solicit public reporting of suspected illicit discharges. Assist the public in their efforts to help implement your SWMP. Conduct public meetings to discuss the on-going implementation of your SWMP.

Measurable Goals: Conduct at least one public meeting per year to solicit public involvement and participation from target audience groups. The public should be given reasonable notice through the usual outlets a reasonable period in advance of each meeting. During the meetings, you should present a summary of your progress, activities, and

accomplishments with implementation of your SWMP, and you should provide opportunities for the public to provide feedback and input. Your presentation can be made at specific MS4 meetings or during any other public meeting. Under this MCM, you should document and report instances of cooperation and participation in your activities; presentations you made to local watershed organizations and conservation organizations; and similar instances of participation or coordination with organizations in your community. You also should document and report activities in which members of the public assisted or participated in your meetings and in the implementation of your SWMP, including education activities or organized implementation efforts such as cleanups, monitoring, storm drain stenciling, or others.

1. Date of the public meeting: 12/4/2013
2. How was this meeting advertised to the public? Daily Local News Paper
3. Indicate where the meeting was held and the number of attendees: Held at Downtnigtown Borough Hall.
4. Describe the information disseminated at the meeting:
Prohibited Discharge ordinance and Chapter 246 Stormwater Management Ordinance available at meeting and on web site.

MCM #3 – ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDD&E)

BMP #1: You shall develop and implement a written program for the detection, elimination, and prevention of illicit discharges into your regulated MS4s. Your program shall include dry weather field screening of outfalls for non-stormwater flows, and sampling of dry weather discharges for selected chemical and biological parameters. Test results shall be used as indicators of possible discharge sources.

Measurable Goal: For new permittees, the IDD&E program shall be developed during the first year of coverage under this General Permit and shall be implemented and evaluated each year thereafter. For renewal permittees, the existing IDD&E program shall continue to be implemented and evaluated annually. Records shall be kept of all outfall inspections, flows observed, results of field screening and testing, and other follow-up investigation and corrective action work performed under this program.

1. For new permittees only, attach your written IDD&E program to the first report.
2. Date of last review and/or update IDD&E program: 2012
3. Number of outfall inspections conducted during the reporting period: 13
4. Number of dry weather outfall inspections that identified illicit discharges: 0
5. Number of tips or complaints of illicit discharges received from the public during the reporting period: 5

6. Describe investigatory and corrective action work conducted for illicit discharges during the reporting period (if applicable). Attach additional pages as necessary.

On May 2, 2013, a contractor attempted to dump paint washout in the Borough park. The Borough parks staff mowing the area, having been trained on what to look for at our annual meetings, called in the activity to codes department when they saw drywall dust being dumped and the paint incident was averted.

On October 29, 2013, a Public Works person noticed suds in the gutter at a local restaurant and called it in. Dumpsters were not being covered properly and material handling was not good causing a spill. The owner and operators were instructed on how to contain materials to avoid contamination and given a copy of the ordinance. Material was cleaned up and did not reach the storm system.

January 8, 2014, from a complaint, we found a person removing oil from a basement heating oil tank in 5 gal buckets with no lids. He had 18 of them in a pickup truck and was spilling them while loading. about one cup got to the street. Fire department was called and contained the oil with oil dry and pads.

On January 10, 2014, a pick up truck was leaking oil into the street. Owner was contacted through police and required to tow the truck to a service facility before oil started to accumulate in road.

On March 15, 2014, received a complaint on our web site email about a truck leaking oil on William St. The person did not give an address or phone number for follow up. A follow up look on the street by public works did not reveal any noticeable problem.

BMP #2: Develop and maintain a map of your regulated small MS4. The map must also show the location of all outfalls and the locations and names of all surface waters of the Commonwealth (e.g., creek, stream, pond, lake, basin, swale, channel) that receive discharges from those outfalls.

Measurable Goals: For new permittees, develop the map(s) of your regulated small municipal separate storm sewer systems and the information on all outfalls from your regulated small MS4 by the end of the fourth (4th) year of permit coverage. For renewal permittees, the existing map(s) of your regulated small MS4 shall be updated and maintained as necessary during each year of coverage under the permit.

1. Have you completed a map(s) of all outfalls and receiving waters of your storm sewer system? Yes No
2. For new permittees only, attach the completed map to the 4th year Annual Report.
3. Date of last update or revision to map(s): 3/26/2013 Scale of map: 1"=400'
4. Total number of discharge points in your storm sewer system that:
Discharge directly to surface waters (outfalls): 28
Discharge to storm sewers owned by others: 18
Total number of outfalls that are mapped at this time: 64

BMP #3: In conjunction with the map(s) created under BMP #2 (either on the same map or on a different map), new permittees shall show, and renewal permittees shall update, the entire storm sewer collection system, including roads, inlets, piping, swales, catch basins, channels, basins, and any other features of the permittee's storm sewer system including municipal boundaries and/or watershed boundaries.

Measurable Goals: For new permittees, develop the map(s) by the end of the fourth (4th) year of coverage under the permit and update and maintain the map(s) as necessary each year of permit coverage thereafter. For renewal permittees, update and maintain the map(s) as necessary during each year of permit coverage.

1. Have you completed a map(s) that includes roads, inlets, piping, swales, catch basins, channels, basins, municipal boundaries and watershed boundaries? Yes No
2. Is it on the same map as for outfalls and receiving waters? Yes No
3. For new permittees only, attach the completed map to the 4th year Annual Report.
4. Date of last update or revision to map(s): March 26, 2013 Scale of map: 1 inch = 400 ft

BMP #4: Following the IDD&E program created pursuant to BMP #1, the permittee shall conduct outfall field screening, identify the source of any illicit discharges, and remove or correct any illicit discharges using procedures developed under BMP #1.

Measurable Goals: For new permittees, all of the identified regulated small MS4 outfalls shall be screened during Dry Weather on at least two different occasions during the permit coverage term. In each permit coverage year, at least forty percent of the total number of outfalls should be screened.

For renewal permittees, each of the identified regulated small MS4 outfalls shall be screened at least once during each permit coverage term. For areas where past problems have been reported or known sources of dry weather flows occur on a continual basis, outfalls shall be screened annually.

For each outfall, if the screening reveals dry weather flow, the discharge from the outfall and the area around the outfall shall be inspected visually for color, turbidity, sheen, floating or submerged solids; for adverse affects on plants or animals in proximity to the outfall; and for odor. If the outfall produces any odor, or if the visual inspection shows any indication that the discharge may contain pollutants, then samples of the discharge shall be collected for field and / or lab testing of selected chemical and biological parameters as part of a process to determine if the dry weather flow is illicit. Common parameters include pH, conductivity, E. Coli bacteria, fecal coliform bacteria, metals, suspended solids, dissolved solids, oils, ammonia, surfactants; chlorine; and fluoride.

You shall implement the IDD&E plan that you developed to address any non-storm water discharges. If an outfall does not have any dry weather flow, then sampling and testing are not needed.

For all permittees, outfall inspections need to be prioritized according to the perceived chance of illicit discharges within the outfall's contributing drainage area. Observations of each outfall shall be recorded each time an outfall is screened, regardless of the presence of dry weather flow. Proper quality assurance and quality control procedures shall be followed when collecting, transporting or analyzing water samples. All outfall inspection information shall be recorded on the Outfall Reconnaissance Inventory/Sample Collection field sheet (attached below) excerpted from the Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessments (CWP, October 2004). Adequate written documentation shall be maintained to justify a determination

that an outfall flow is not illicit. If an outfall flow is illicit, the actions taken to identify and eliminate the illicit flow also shall be documented.

The results of outfall inspections and actions taken to remove or correct illicit discharges shall be summarized in periodic reports.

1. For new permittees only, were at least 40% of all outfalls screened during dry weather? Yes No
2. If Yes for #1, indicate actual percent screened. If No for #1, indicate reason(s) why this was not completed:

3. For renewal permittees, indicate the percent of outfalls screened during the reporting period: 43%
4. For all permittees, indicate the percent of outfalls screened that revealed dry weather flows: 25%
5. Did any dry weather flows that reveal color, turbidity, sheen, floating or submerged solids or odors?
 Yes No
6. If Yes for #5, attach all sample results to this report with a map identifying the sample location. Explain the corrective action(s) taken in the attachment.
7. Do you use the "Outfall Reconnaissance Inventory / Sample Collection Field Sheet" provided in the permit? If no, attach a copy of your monitoring form. Yes No

BMP #5: Enact a stormwater management ordinance (municipal entities) or develop an SOP (non-municipal entities) to implement and enforce a stormwater management program that includes prohibition of non-stormwater discharges to the regulated small MS4.

Measurable Goal: Within the first year of coverage under the permit, new permittees shall enact and implement an ordinance from an Act 167 Plan approved by the Department in 2005 or later, the MS4 Stormwater Management Ordinance; or an ordinance that satisfies all applicable requirements in a completed and signed MS4 Stormwater Management Ordinance Checklist. (For non-municipal permittees, new permittees shall develop and implement a Standard Operating Procedure (SOP) within the first year of coverage).

Renewal permittees must continue to maintain, update, implement, and enforce a Stormwater Management Ordinance that satisfies all applicable requirements. (For non-municipal permittees, the SOP satisfies this requirement. If no existing SOP exists, it should be developed during the first year of coverage).

Measurable Goal: New permittees shall submit a letter signed by a municipal official, municipal engineer, or the municipal solicitor as an attachment to their first year report certifying the enactment of an ordinance that meets all applicable requirements of this permit. Renewal permittees shall update their existing ordinance, if necessary, and submit documentation of completion to the Department. (For non-municipal permittees, submit the SOP to the first report).

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that prohibits non-stormwater discharges? Yes No If Yes, indicate the date of the ordinance or SOP: 5/16/2012
2. For new permittees only, attach an ordinance (or SOP) and letter from an official, engineer or solicitor that prohibits non-stormwater discharges to the first report submitted to DEP.

BMP 6: Provide educational outreach to public employees, business owners and employees, property owners, the general public and elected officials (i.e., target audiences) about the program to detect and eliminate illicit discharges.

Measurable Goals: During each year of permit coverage, appropriate educational information concerning illicit discharges shall be distributed to the target audiences using methods outlined under MCM #1. If not already established, set up and promote a stormwater pollution reporting mechanism (e.g., a complaint line with message recording) by the end of the first year of permit coverage for the public to use to notify you of illicit discharges, illegal dumping or outfall pollution. Respond to all complaints in a timely and appropriate manner. Document all responses; include the action taken, the time required to take the action, whether the complaint was resolved successfully.

1. Was information distributed to the public employees, businesses, and general public during the reporting period?
 Yes No
2. Explain in detail the stormwater pollution reporting mechanism in place:
Our code enforcement office has a direct line phone number to the secretary. People are used to calling this number for all property maintenance issues, complaints, and borough code questions. We also accept email on our web page. We have the police phone numbers and the DEP emergency contact link on our web site. We use carbon field inspection reports and complaint forms to document activity and save the MS-4 related issues in a separate file.
3. Do you maintain documentation of all responses, action taken, and the time required to take action?
 Yes No

MCM #4 – CONSTRUCTION SITE STORM WATER RUNOFF CONTROL

Are you relying on PA's statewide program for stormwater associated with construction activities to satisfy this MCM?
 Yes No **(If No, complete all remaining questions for this MCM; if Yes, skip to MCM #5).**

BMP #1: Develop your program consisting of all procedures necessary to comply with the requirements of this MCM. Your program shall provide for construction stormwater permitting, construction inspection, and enforcement of installation and maintenance of the necessary E&S control measures. Your program shall describe clearly how your program will be coordinated with DEP's NPDES Construction Stormwater Permitting program.

***Measurable Goals:** For new permittees, the written program for this MCM shall be developed during the first year of permit coverage; nevertheless, you are responsible for implementation of this MCM during entire term of this permit, including the time you are developing your program.*

For all permittees, your program shall be reviewed and updated during each year of permit coverage. The purpose of the written program is to establish clear roles and responsibilities for the implementation of the MCM #4 requirements. An agreement between the permittee, the CCD, and any other resources to be used by the permittee that clearly defines roles for each entity is recommended. If an agreement is made, you shall place and keep a written copy in your file, consistent with the Retention of Records requirements in this Permit. Please note that in accordance with Section A.2.h in Part A of the Authorization to Discharge, as the permittee you are responsible to ensure that implementation of all requirements under this Permit are fulfilled.

1. For new permittees only, attach the written stormwater associated with construction activities program to the first report submitted to DEP.
2. Are there agreements in place between the permittee, CCD and/or others? Yes No
3. Date of last update or revision to the stormwater associated with construction activities program: _____

BMP #2: The permittee shall enact, implement, and enforce an ordinance to require the implementation of erosion and sediment control BMPs, as well as sanctions to ensure compliance.

***Measurable Goal:** Within the first year of coverage under the permit, new permittees shall enact and implement an ordinance that meets all applicable requirements of this permit. (Non-municipal permittees shall develop and implement an SOP).*

***Measurable Goal:** Permittees shall submit a letter signed by a municipal official, municipal engineer or the municipal solicitor as an attachment to their first periodic report certifying the enactment and implementation of a stormwater management ordinance that meets all requirements of this permit.*

1. For new permittees only, attach an ordinance (or SOP) and letter from an official, engineer or solicitor that addresses stormwater associated with construction activities to the first report submitted to DEP.

BMP #3: Develop and implement requirements for construction site operators to control waste at the construction site that may cause adverse impacts to water quality. While sediment is the most common pollutant of concern for MCM #4, there are other types of pollutants that also can be a concern and the intent

of this BMP is to address these other types of pollutants, such as, but not limited to, discarded building materials, washout from concrete trucks, chemicals, litter, and sanitary waste.

Measurable Goal: New permittees shall establish requirements to address this BMP by the end of the first year of permit coverage. Renewal permittees shall continue to implement existing requirements and update as necessary. This could be implemented by written municipal ordinance/code provisions, by standard notes on the site plans, by any other written format that accomplishes the objectives of this BMP, or by any combination of these measures. The goal of this BMP shall be communicated to construction site operators during pre-construction meetings. This BMP shall be implemented during each year of the MS4 permit. Permittees must prepare and maintain records of site inspections, including dates and results and you must maintain these records in accordance with the Retention of Records requirements in this Permit.

1. Identify the mechanism(s) in place to regulate construction site operators and wastes produced at construction sites:

BMP #4: Develop and implement procedures for the receipt and consideration of public inquiries, concerns, and information submitted by the public (to the permittee) regarding local construction activities. The permittee shall demonstrate acknowledgement and consideration of the information submitted, whether submitted verbally or in writing.

Measurable Goal: Permittees shall establish and implement a tracking system to keep a record of any submitted public information as well as your response, actions, and results. This BMP shall be implemented during each year of coverage under this General Permit and information should be submitted with the each periodic report.

1. Describe the tracking system established for documenting public information concerning local construction activities and describe responses taken during the reporting period:

MCM #5 – POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

Are you relying on PA's statewide program for MCM #5 BMPs #1 - #3?

Yes No **(If No, complete all remaining questions for this MCM; if Yes, skip to BMP #4)**

BMP #1: Develop a written procedure that describes how the permittee shall address all required components of this MCM. Guidance can be found in the Pennsylvania Stormwater Best Management Practices Manual.

Measurable Goal: The written procedure shall be developed by the end of the first year of permit coverage and be reviewed and updated every permit year thereafter, as needed. The intent of BMP #1 is for the permittee to describe how the listed tasks will be accomplished.

1. For new permittees only, attach your written procedure for post-construction management to the first report.
2. Date of last review or update of post-construction management procedure: _____

BMP #2: Require the implementation of a combination of structural and/or non-structural BMPs that are appropriate to the local community, that minimize water quality impacts, and that are designed to maintain pre-development runoff conditions. This requirement can be met by ensuring that the selected BMPs comply with the municipal Stormwater Management Ordinance that meets the requirements of the permit.

Measurable Goal: All qualifying development or redevelopment projects shall be reviewed to ensure that their post-construction stormwater management plans and selected BMPs conform to the applicable requirements. A tracking system (e.g., database, spreadsheet, or written list) shall be maintained to record qualifying projects and their associated BMPs. In your records, you shall note if there are no qualifying projects in a calendar year.

1. Number of development or redevelopment projects in urbanized area during reporting period: _____
2. Describe the tracking system in place:

3. Describe the structural and/or non-structural BMPs that were required for these projects:

BMP #3: Ensure that controls are installed that shall prevent or minimize water quality impacts.

Measurable Goal: All qualifying development or redevelopment projects shall be inspected during the construction phase to ensure proper installation of the approved structural PCSM BMPs. A tracking system (e.g., database, spreadsheet, or written list) shall be implemented to track the inspections conducted and to track the results of the inspections (e.g., BMPs were, or were not, installed properly). Permittees not relying on DEP's statewide QLP to satisfy requirements under this BMP shall summarize construction inspections and results in periodic reports. See BMP #6 for requirements related to post-construction inspection and tracking of PCSM BMPs to ensure that the operation and maintenance plan is being implemented.

1. If there were development or redevelopment projects during the reporting period, attach to this report documentation of inspections of PCSM BMPs.

BMP #4: The permittee shall enact, implement, and enforce an ordinance (municipal) or SOP or other regulatory mechanism (non-municipal) to address post-construction stormwater runoff from new development and redevelopment projects, as well as sanctions and penalties associated with non-compliance, to the extent allowable under State or local law.

Measurable Goal: Within the first year of coverage under this permit, new permittees shall enact and implement a stormwater management ordinance (municipal) or SOP (non-municipal) that meets the requirements of this General Permit.

Measurable Goal: All permittees shall submit a letter signed by a municipal official, municipal engineer or the municipal solicitor as an attachment to their first periodic report certifying the enactment of a stormwater management ordinance that meets the requirements of this General Permit.

1. Do you have an ordinance, SOP or other regulatory mechanism to address post-construction stormwater runoff from new and redevelopment projects and sanctions? Yes No If Yes, indicate the date of the ordinance or SOP: 12/4/2013 (For new permittees only, attach a copy of the ordinance or SOP).
2. Attach an ordinance (or SOP) and letter from an official, engineer or solicitor that certifies the enactment of an ordinance or SOP for PCSM activities to the first report submitted to DEP.
3. Do you have authority to take enforcement action for failure to properly operate and maintain stormwater practices/facilities? Yes No

BMP #5: Develop and implement measures to encourage and expand the use of Low Impact Development (LID) in new and redevelopment. Measures also should be included to encourage retrofitting LID into existing development. DEP's Pennsylvania Stormwater Best Management Practices Manual provides guidance on implementing LID practices.

Measurable Goal: In your inventory of development and redevelopment projects authorized for construction since March 10, 2003, that discharge stormwater to your regulated MS4s, indicate which projects incorporated LID practices and for each project list and track the BMPs that were used.

Measurable Goal: Enact ordinances consistent with LID practices and repeal sections of ordinances that conflict with LID practices. Progress with enacting and updating your ordinances to enable the use of LID practices shall be summarized in the periodic reports.

1. Number of projects during the reporting period that incorporated LID: 0. Appendix A on our permit does not require LID practices under BMP 5, MCM 3. We have adopted the model Act 167 ordinance which does reference LID, but no applications were processed to date under the new ordinance.
2. Identify ordinances enacted or updated during the reporting period to ensure consistency with LID practices:
2013-09

BMP 6: Ensure adequate operation and maintenance of all post-construction stormwater management BMPs installed at all qualifying development or redevelopment projects (including those owned or operated by the permittee).

Measurable Goal: Within the first year of coverage under this permit, new permittees shall develop and implement a written inspection program to ensure that stormwater BMPs are properly operated and maintained. The program shall include sanctions and penalties for non-compliance. All permittees shall review and update the inspection program annually and shall continue to implement this BMP.

Measurable Goal: An inventory of PCSM BMPs shall be developed by permittees and shall be continually updated during the term of coverage under the permit as development projects are reviewed, approved, and constructed. This inventory shall include all PCSM BMPs installed since March 10, 2003 that discharge directly or indirectly to your regulated small MS4s. The inventory also should include PCSM BMPs discharging to the regulated small MS4 system that may cause or contribute to violation of water quality standard. The inventory shall include:

- all PCSM BMPs that were installed to meet requirements in NPDES Permits for Stormwater Discharges Associated with Construction Activities approved since March 10, 2003;
 - the exact location of the PCSM BMP (e.g., street address);
 - information (e.g., name, address, phone number(s)) for BMP owner and entity responsible for BMP Operation and Maintenance (O&M), if different from BMP owner;
 - the type of BMP and the year it was installed;
 - maintenance required for the BMP type according to the Pennsylvania Stormwater BMP Manual or other manuals and resources;
 - the actual inspection/maintenance activities for each BMP;
 - an assessment by the permittee if proper operation and maintenance occurred during the year and if not, what actions the permittee has taken, or shall take, to address compliance with O&M requirements.
1. For new permittees only, attach the written inspection program to ensure that stormwater BMPs are properly operated and maintained.
 2. Date that inspection program is last reviewed or updated: 3/26/2013
 3. Total number of sites with PCSM BMPs: 4
 4. Total number of sites inspected during this reporting period: 4
 5. Number of sites found to have PCSM BMP deficiencies: 0
 6. Number of enforcement actions taken during this reporting period: 0

MCM #6 – POLLUTION PREVENTION/GOOD HOUSEKEEPING

BMP #1: Identify and document all facilities and activities that are owned or operated by the permittee and have the potential for generating stormwater runoff to the regulated small MS4. This includes activities conducted by contractors for the permittee. Activities may include the following: street sweeping; snow removal/deicing; inlet/outfall cleaning; lawn/grounds care; general storm sewer system inspections and

maintenance/repairs; park and open space maintenance; municipal building maintenance; new construction and land disturbances; right-of-way maintenance; vehicle operation, fueling, washing and maintenance; and material transfer operations, including leaf/yard debris pickup and disposal procedures. Facilities can include streets; roads; highways; parking lots and other large paved surfaces; maintenance and storage yards; waste transfer stations; parks; fleet or maintenance shops; wastewater treatment plants; stormwater conveyances (open and closed pipe); riparian buffers; and stormwater storage or treatment units (e.g., basins, infiltration/filtering structures, constructed wetlands, etc.).

***Measurable Goal:** By the end of the first year of permit coverage, new permittees shall identify and document all types of municipal operations, facilities and activities and land uses that may contribute to stormwater runoff within areas of municipal operations that discharge to the regulated small MS4. Renewal permittees should have completed this list during the previous permit term. For all permittees, this information shall be reviewed and updated each year of permit coverage, as needed. Part of this effort shall include maintaining a basic inventory of various municipal operations and facilities.*

1. Have you identified all facilities and activities owned and operated by the permittee that have the potential to generate stormwater runoff into the MS4? Yes No
2. When was the inventory last reviewed 3/15/2014
3. When was it last updated: 3/26/13
4. How many new facilities and/or activities were added to this inventory during this reporting period? 1

BMP #2: Develop, implement and maintain a written operation and maintenance (O&M) program for all municipal operations and facilities that could contribute to the discharge of pollutants from the regulated small MS4s, as identified under BMP #1. This program (or programs) shall address municipally owned stormwater collection or conveyance systems, but could include other areas (as identified under BMP #1). The O&M program(s) should stress pollution prevention and good housekeeping measures, contain site-specific information, and address the following areas:

- **Management practices, policies, procedures, etc. shall be developed and implemented to reduce or prevent the discharge of pollutants to your regulated small MS4s. You should consider eliminating maintenance-area discharges from floor drains and other drains if they have the potential to discharge to storm sewers.**
- **Maintenance activities, maintenance schedules, and inspection procedures to reduce the potential for pollutants to reach your regulated small MS4s. You also should review your procedures for maintaining your stormwater BMPs.**
- **Controls for reducing or eliminating the discharge of pollutants from streets, roads, highways, municipal parking lots, maintenance and storage yards, waste transfer stations, fleet or maintenance shops with outdoor storage areas, and salt / sand (anti-skid) storage locations and snow disposal areas.**
- **Procedures for the proper disposal of waste removed from your regulated small MS4s and your municipal operations, including dredge spoil, accumulated sediments, trash, household hazardous waste, used motor oil, and other debris.**

***Measurable Goal:** During the first year of permit coverage, new permittees shall develop and implement a written O&M program that complies with BMPs #1 and #2. Renewal permittees shall continue to implement their existing program. All permittees shall review the O&M program annually, edit as necessary, and continue to implement during every year of permit coverage.*

1. For new permittees only, attach the written O&M program to the first Annual Report.
2. Date of last review or update to O&M program: 6/6/2013

BMP #3: Develop and implement an employee training program that addresses appropriate topics to further the goal of preventing or reducing the discharge of pollutants from municipal operations to your regulated small MS4s. The program may be developed and implemented using guidance and training materials that are available from federal, state or local agencies, or other organizations. Any municipal employee or contractor shall receive training. This could include public works staff, building / zoning / code enforcement staff, engineering staff (on-site and contracted), administrative staff, elected officials, police and fire responders,

volunteers, and contracted personnel. Training topics should include operation, inspection, maintenance and repair activities associated with any of the municipal operations / facilities identified under BMP #1. Training should cover all relevant parts of the permittee's overall stormwater management program that could affect municipal operations, such as illicit discharge detection and elimination, construction sites, and ordinance requirements.

Measurable Goal: *During the first year of permit coverage, new permittees shall develop and implement a training program that identifies the training topics that will be covered, and what training methods and materials will be used. Renewal permittees shall continue to operate under their existing program. All permittees shall review the training program annually, edit it as necessary, and continue to implement it during every year of permit coverage.*

Measurable Goal: *Your employee training shall occur at least annually (i.e., during each permit coverage year) and shall be fully documented in writing and reported in your periodic reports. Documentation shall include the date(s) of the training, the names of attendees, the topics covered, and the training presenter(s).*

1. For new permittees only, attach the written training program to the first Annual Report.
2. Date of last review or update to training program: 1/3/14
3. Identify the date(s) of employee training, the names of attendees, the topics covered, and the training presenters:

Public works training on 6/6/13: Jack Law, Director; Alexis Law, Parks Director; Paul Haring, Assistant Public Works Director. Presented by Thomas Yuhas, Borough Engineer to review MS-4 program and O&M Procedures and events that happened along with results and performance.

Police training by Thomas Yuhas with Leutenant Howard Holland on 1-3-14 to review what the officers should be looking for regarding prohibited discharge. Review what was avoided in the prior year and continue to educate new officers.

OTHER REQUIRED REPORT ELEMENTS

Identify the progress towards achieving the statutory requirements of reducing the discharge of pollutants to the Maximum Extent Practicable (MEP) and complying with water quality standards.

We have stepped up enforcement of the prohibited discharge ordinance and get more public input and staff input as the education seems to be taking on. Plus all our staff, police and fire department are in the loop and keeping an eye on things. Tom Yuhas has been attending group meetings with the Brandywine Valley Association (BVA) in a consortium with 32 other municipalities to learn and deal with this program. A large amount of time and energy went into getting our stormwater ordinance changed into the Act 167 model ordinance format with explanations to Council and the public on the need for the ordinance and its relation to the MS-4 program. It seems people started to listen when the cost of implementation was discussed and a budget line item was created for MS-4.

Provide an assessment of the appropriateness of the BMPs implemented to date, and identify any steps that will be taken to address deficiencies in the BMPs or make changes to BMPs or other aspects of the SWMP developed by the permittee.

The program is in place and working. While it took a while it is safe to say we are up and running. with a new budget line item we hope to do more in the future and look at preventative measures with the development and constituent communities. We also hope to get more structure with the written program and documentation of performance and results. It would be great if someone could develop an app for this. We also intend to get a high quality Suntree Technologies Grate Inlet Skimmer Box to replace the filter bag we now use at the public works yard inlet.

Provide a summary of stormwater activities planned during the next reporting cycle:

We will be implementing new BMP's with the new act 167 ordinance if development ever picks up. We will continue with enforcement as well as being proactive with education and looking out in the high risk areas for potential problems before issues occur. These are already mapped out. In developing the model ordinance we decided that watershed based projects will provide the best results for our high density old community. We hope to persue grants and encoirage developer contribution to support offsite watershed based strategy in the future.

Provide a summary of notices, intergovernmental agreements and other relevant documents if the permittee is relying on another governmental entity to satisfy any of its permit obligations.

We continue with an annual agreemet with the BVA for their help in implementing MCM 1 and MCM 2 for us as part of a 33 municipality consortium.

CERTIFICATION

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 gathered and evaluated 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 the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

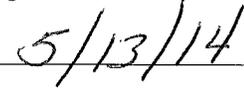
Stephen T. Sullins, Borough Manager



Name of Responsible Official

Signature

610-269-0344, Ext 203



Telephone No.

Date

PUBLIC EDUCATION AND OUTREACH PLAN

Borough of Downingtown

GOAL: To achieve measurable improvements in the target audience's understanding of the causes and impacts of stormwater pollution and the steps they can take to prevent it.

PLAN ELEMENTS:

DETERMINING THE NEED FOR EDUCATION AND SOURCES OF MATERIALS

- A. Develop a survey to assess the understanding of stormwater issues by municipal residents and staff. Include elements of the MS4 program.
- B. Circulate the survey to residents and staff through communication channels such as mailings, email, or website.
- C. Use the results of the survey to source educational materials that will increase the public's knowledge of stormwater issues and the practices that can be applied. Information sources include the Chester County Water Resources Authority, Chester County Conservation District, watershed associations, DEP, and EPA. **Include information on all six MCMs.**

DEVELOPING A TARGET AUDIENCE FOR THE EDUCATION PROGRAM

- A. Create lists to include all individuals and groups to receive education
 1. Municipal officials
 2. Municipal staff
 3. Municipal residents
 4. Schools
 5. Businesses, especially those contributing to the stormwater system
 6. Places of Worship
 7. Service Clubs
 8. Developers and Builders
 9. Engineering firms
 10. Others
- B. Using the list of individuals and groups, create a spreadsheet of these contacts and track the dates and types of information sent. Update regularly.
- C. Create a mailing list and email list for the target audience and update regularly.

DEVELOPING THE MESSAGE

- A. Develop an annual publication schedule with items to be created or sourced, dates of publication, and means of communication. Use results of the public survey to select educational materials.
- B. Create a tracking system to document each item published and update regularly.
- C. Provide a link to stormwater information. The Chester County Water Resources Authority website (www.chesco.org/water) and the DEP website(http://www.portal.state.pa.us/portal/server.pt/community/stormwater_management/21377) have examples of educational materials.
- D. Compare materials with other municipalities and develop materials that can be used by multiple municipalities. Work with public agencies and watershed organizations to develop materials.
- E. Include education information on all 6 of the Minimum Control Measures
- F. Review and update published items annually.

DEVELOP A DISTRIBUTION SCHEDULE FOR EDUCATION MATERIALS

- A. Create a list of distribution methods to include displays, posters, signs, pamphlets, booklets, brochures, radio, local cable TV, newspaper articles, presentations, and giveaways.
- B. Use at least two of these methods annually in addition to newsletters and website.
- C. Maintain records of all distributed materials including item distributed, date distributed, recipient, number distributed, and method of distribution. Provide this information to DEP in annual reports.
- D. Leverage distribution by partnering with watershed and environmental education organizations on education information.
- E. Utilize schools as a means of distribution of materials.

MEASURE PUBLIC UNDERSTANDING OF STORMWATER CAUSES AND IMPACT

- A. Circulate survey to target audience biennially.
- B. Compare results of survey to previous year.
- C. Focus future education efforts on stormwater management issues where public knowledge is not improving.

PUBLIC EDUCATION AND OUTREACH PLAN

LIST OF ITEMS AND FORMS TO DEVELOP

1. Survey to measure public understanding of stormwater management
2. List and sources of educational resources used
3. List of Target Audience
4. Audience Contact Chart :

<u>NAME</u>	<u>PHONE</u>	<u>EMAIL</u>	<u>DATE CONTACTED</u>	<u>FORM OF CONTACT</u>
Org xyz	610 xxx	xyz@...	May 1, 2014	email material

5. Mailing List for Target Audience
6. Publication Schedule:

<u>Publication</u>	<u>Date Published</u>	<u>Method of Publication</u>	<u>Audience</u>
Newsletter	May 25, 2014	Print - mail and email	XYZ organizations (Total #) Residents (Total #) Businesses (total #)

7. Distribution Schedule:

<u>Item</u>	<u>Date Distributed</u>	<u>Method of Distribution</u>	<u>Recipients</u>	<u>Quantity</u>
Flyer	July 1, 2014	Community day	Residents	# distributed

PUBLIC INVOLVEMENT AND PARTICIPATION PLAN

DOWNINGTOWN BOROUGH

GOAL: To develop, implement, and maintain a written Public Involvement and Participation Plan that encourages the public's participation in stormwater planning and management.

PLAN ELEMENTS:

DEVELOPING OPPORTUNITIES FOR PUBLIC PARTICIPATION

- A. Identify and list opportunities for the public to participate in the MS4 program.
 - a. Adopting the new ordinance legislation creates an opportunity for free press coverage and a lot of public interest.
 - b. Budget line item and stormwater fee and MS-4 budget discussion will generate as much if not more public involvement.
 - c. Municipal Water Authority has a liaison at Council meeting and can be introduced to our concerns provide more eyes on the streets.
 - d. The main street Association has been funded for another year and is a good resource to spread the word to businesses.
 - e. Our signature "Good Neighbor Day" public event with a draw of 10,000 people is always a good exposure with the BVA booth.
 - f. Ongoing discussions are scheduled as to funding large scale program implementation measures and assessing a stormwater fee or tax to the general public. This will be the biggest trigger get everyone's attention to the matter.

- B. Identify and list communication methods to the target audiences. The audience should include municipal residents, municipal officials and staff, businesses, churches, watershed organizations, and related agencies. Phone, email, mail, and websites are good means of communicating with these groups. Occasional meetings should also be arranged. Maintain records of contacts with these groups.
 - a. Meet with public work, police and emergency services annually.
 - b. Include MS-4 component with grease trap inventory and periodic inspections of all facilities that come under this program.
 - c. Continue participation in the BVA meeting and workshops for MS-4 and CTIP.
 - d. BVA booth at Good Neighbor Day in the Borough.
 - e. Hand out information to non-profits, most of which have a booth at Good Neighbor Day.
 - f. Develop a news letter to the residents.

- C. Maintain a record of public participation activities noting number of participants, date and location of activity, and quantify the results of the activity.
- D. Determine impact of activity on MS4 program to evaluate results.
- E. Maintain a list of notices and invitations for participation distributed each year to document efforts to engage public. Report the results to DEP in the annual report.

DEVELOPING PUBLIC NOTICE AND INPUT ON STORMWATER ORDINANCES

- A. Develop a protocol for advertising and reviewing proposed stormwater ordinances.
- B. Create a form to list proposed stormwater ordinances, date of ordinance advertisement, date reviewed by the municipality, public comments and municipal responses, and date adopted.
- C. In addition to newspaper advertisement, notify public through the website and other electronic means available to the municipality.
- D. Review and update protocol annually.

COMMUNICATING STORMWATER ORDINANCE ACTIONS TO THE PUBLIC

- A. Hold at least one public meeting annually to solicit public involvement and participation in the stormwater management program.
- B. Notify target audience directly and through municipal website and postings in public locations.
- C. Use the public meeting to present a summary of progress, activities, and accomplishments through implementation of the Stormwater Management Plan (SWMP)
- D. Solicit feedback from the public on the SWMP.
- E. At meeting document and report cooperation and participation with other organizations and participation of public in supporting the implementation of the SWMP. Activities could include cleanups, storm drain stenciling, water quality monitoring, and educational activities.
- F. Summarize the meeting in writing and post on the municipal website.

PUBLIC INVOLVEMENT AND PARTICIPATION PLAN

LIST OF ITEMS TO DEVELOP

1. List of opportunities for public participation
 - List specific public participation opportunities
 - List specific audience that received the information on participation
 - List means used to communicate information on participation
2. List of groups to receive communications
3. List of communications sent
4. Stormwater Ordinance adoption protocol
 - Advertise ordinance
 - Notify list of target audience
 - Put information on website
 - Review by municipality
 - Public Meeting/Hearing
 - Response to public comment
 - Report municipal action
5. Hold a meeting annually to discuss stormwater management plans and actions.

MCM #6 MUNICIPAL FACILITIES O&M PLAN

DOWNINGTOWN BOROUGH

GOAL: To document all facilities owned and operated by the Borough that have the potential for generating stormwater runoff to regulated MS-4's and define operating and maintenance program to mitigate illicit discharges.

PLAN ELEMENTS:

I - Facilities O&M

1. Lincoln Ave basin has its own O&M plan as part of separate permit D15-408.
 - a. Staff to stay familiar with permit requirements.
2. Other basins are mowed on regular summer schedule (weekly, weather permitting) and mowing staff is trained to look for and report unusual inflow or other deficiencies that may impede basin performance.
3. Basins and critical street inlets are inspected before every major forecast storm event. Inlets and control structures are cleaned as necessary as noted below.
4. Downingtown's Public Works sends 2 crews, with 1 to 2 people, out after every rainfall event to clear the tops of storm drains with shovels and rakes. In cases of clogs Public Works vacuums out clogged drainage inlet and pipe.
5. Street sweepers are sent out twice a week throughout town.
 - a. Street sweeping debris is loaded into dumpsters and taken to the landfill.
6. The storm water outfalls are inspected annually as well as before and after any major weather events.
7. Buildings and grounds are kept neat and clean and performance is reviewed annually during our MS-4 meeting.

II - Vehicle and equipment O&M

1. Vehicles and small equipment maintenance (mowers and motor tools):
 - a. All small maintenance is done in shop. Major vehicle work is done in 3rd party shop
 - b. Oils are cleaned up off ground and disposed of in the proper manner
 - c. All other water is washed into drains into an oil and grease separator before going into the sanitary sewer system.

2. Vehicle Washing:

- a. All public works vehicles are washed every 1 to 2 weeks.
- b. Police vehicles are washed at an offsite car wash.
- c. Water is drained through filtered grate bag created by Public Works Dept.

3. Fueling:

- A. Vehicles are fueled from a dual contained fuel cell with a double wall
 - a. All fueling is done over a paved surface.
 - i. If there is a spill it is immediately cleaned.
 - ii. Spill kits including booms, pads, and oil dry are always kept on hand in the shop

UNRUH TURNER
BURKE & FREES

ATTORNEYS AT LAW

A PROFESSIONAL CORPORATION

West Chester • Phoenixville • Malvern

AMANDA J. SUNDQUIST
Asundquist@utbf.com

December 23, 2013

Domenic Rocco, Regional Manager
DEP Southeast Regional Office
Waterways and Wetland Program
2 East Main Street
Norristown, PA 19401-4915

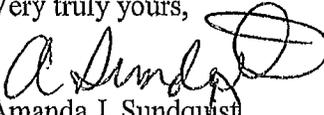
**RE: Notification of Adoption of Act 167 Ordinance,
Downingtown Borough, Chester County**

Dear Mr. Rocco:

Enclosed please find the Borough of Downingtown's Statement of Certification regarding adoption of the Act 167 Ordinance. The Ordinance is available for review online through the General Code website, www.generalcode.com.

If you have any questions, please do not hesitate to contact me.

Very truly yours,


Amanda J. Sundquist

AJS:lmb
Enclosures

cc: Desiree Henning-Dudley, Section Chief
Ron Furlan, Division Manager
Chester County Water Resources Authority
Steve Sullins, Borough Manager

ADDENDUM - APPENDIX H

Certification of Ordinance Adoption

Upon final adoption of the minimum mandatory ordinance standards, each municipality must have the following "Statement of Certification" completed and signed by a qualified professional, licensed by the Commonwealth (e.g., municipal solicitor, engineer, or other), and submitted to Pennsylvania Department of Environmental Protection's Bureau of Point and Non-Point Source Management. It is also requested that a copy of the certification be provided to the Chester County Water Resources Authority.

STATEMENT OF CERTIFICATION

MUNICIPAL ORDINANCE STANDARDS COMPLIES WITH
THE COUNTY-WIDE ACT 167 STORMWATER MANAGEMENT PLAN
FOR CHESTER COUNTY, PENNSYLVANIA (Approved December 4, 2013)

The undersigned hereby certifies that Ordinance Number 2013-09, adopted on December 4, 2013 has been enacted to implement the County-wide Act 167 Stormwater Management Plan by the Borough of Downingtown and fulfills the requirements of Section 11(b) of the Pennsylvania Stormwater Management Act, Act 167, as set out below.

Section 11(b) of the Pennsylvania Stormwater Management Act, Act 167:

“Within six months following adoption and approval of the watershed storm water plan, each municipality shall adopt or amend, and shall implement such ordinances and regulations, including zoning, subdivision and development, building code, and erosion and sedimentation ordinances, as are necessary to regulate development within the municipality in a manner consistent with the applicable watershed storm water plan and the provisions of this act.”

Related ordinances have also been updated.

Certified By:



Signature

12/23/13

Date

Amanda J. Sundquist

Name

Solicitor

Title

Attorney I.D. No. 204100

PA License #

N/A

Expiration Date

Unruh, Turner, Burke & Frees

Employer

P.O. Box 515

Street Address

Seal (if applicable)

West Chester, PA 19381

City

State

Zip Code

610-692-1371

Telephone

asundquist@utbf.com

Email

**ILLCIT DISCHARGE FIELD SCREENING PROGRAM
Data Collection Form**

OUTFALL #: _____ Date: _____ Time: _____

TIME SINCE LAST RAIN: ≥72 hours <72 hours
QUANTITY OF LAST RAIN: ≥0.1 inches <0.1 inches
INSPECTION TEAM: _____

SITE DESCRIPTION:

LOCATION (Narrative Description): _____

STRUCTURE TYPE: OPEN CHANNEL MANHOLE OUTFALL OTHER: _____

DOMINANT WATERSHED LAND USES: INDUSTRIAL COMMERCIAL RESIDENTIAL UNKNOWN
OTHER: _____

FLOW ESTIMATION:

WAS FLOW OBSERVED? NO YES IF YES, PLEASE ANSWER a. - d. BELOW.
a. WIDTH OF WATER SURFACE (feet): _____
b. APPROXIMATE DEPTH OF WATER (feet): _____
c. APPROXIMATE FLOW VELOCITY (feet per second): _____
d. FLOW RATE (cubic feet per second) = a x b x c = _____

VISUAL OBSERVATIONS:

WAS A PHOTO TAKEN? NO YES (Roll and Photo Number: _____)

ODOR: NONE MUSTY SEWAGE ROTTEN EGGS SOUR MILK OTHER: _____

COLOR: CLEAR RED YELLOW BROWN GREEN GREY OTHER: _____

CLARITY: CLEAR CLOUDY OPAQUE

FLOATABLES: NONE OILY SHEEN GARBAGE/SEWAGE OTHER: _____

DEPOSITS/STAINS: NONE SEDIMENTS OILY OTHER: _____

VEGETATION CONDITION: NONE NORMAL EXCESSIVE GROWTH INHIBITED GROWTH

STRUCTURAL CONDITION: NORMAL CONCRETE CRACKING METAL CORROSION OTHER: _____

BIOLOGICAL: MOSQUITO LARVAE BACTERIA/ALGAE OTHER: _____

FIELD ANALYSIS:

WATER TEMP: _____ °F / °C CHLORINE (Total): _____ mg/l
pH: _____ COPPER: _____ mg/l
PHENOL: _____ mg/l DETERGENTS: _____ mg/l

WAS A LABORATORY SAMPLE COLLECTED? NO YES
(if yes attach copy of chain-of-custody record)

COMMENTS: _____

DATA SHEET FILLED OUT BY: (signature): _____ DATE: _____
(print name): _____

This form was modified from *Municipal Urban Runoff Program: A How-To Guide For Developing Urban Runoff Programs for Small Municipalities*, by the City of Monterey, City of Santa Cruz, California Coastal Commission, Monterey Bay National Marine Sanctuary, Association of Monterey Bay Area Governments, Woodward-Clyde, and Central Coast Regional Water Quality Control Board, 1998.



Thomas Yuhas
Borough Engineer
Borough of Downingtown
4 West Lancaster Avenue
Downingtown PA 19335

Dear Mr. Yuhas:

On behalf of the Johnsonstown Community Group, I am writing to you to voice our member's support for the Borough's efforts to improve our neighborhood's flooding and sanitary sewage problems.

The Johnsonstown Community Group is a non-profit organization representing over 700 neighbors working together to build and enhance our local community. In this capacity, we advocate for measures that make our community a safer more desirable place to live, work and play.

As residents of the Johnsonstown part of Downingtown we can attest to the ongoing sewer and drainage problems that have been an issue for our neighborhood for many years. We would support and appreciate any effort that can be made to address these longstanding issues.

We thank you in advance for your support. These enhancements will significantly improve the quality of life here in Downingtown Borough for current and future residents.

Sincerely,

Nick Winkler

President | Johnsonstown Community Group