



Stantec Consulting Services Inc.
1060 Andrew Drive Suite 140, West Chester PA 19380-5602

August 25, 2016
File: 176710033

Attention: Richard K. Breitenstein, Compliance Specialist, Clean Water
Pennsylvania Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Dear Mr. Breitenstein,

Reference: MS4 Progress Report
NPDES MS4 Permit Number PAG130118
Trainer Borough, Delaware County

Please find enclosed the periodic report for Years 2 and 3 for the MS4 Renewal Permit.

Also enclosed is the following document:

- Stormwater Facility Operation and Maintenance Plan for Trainer Borough dated August 25, 2016.
- Resolution #1024, dated May 12, 2016, noting Trainer Borough's MS4 Permit relative to MCM Numbers 4 and 5.

Please contact this office with any questions you may have regarding the Borough's compliance with their MS4 permit.

Sincerely,

STANTEC CONSULTING SERVICES INC.



Michael J. Kozlowski, PE
Project Manager
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Michael.Kozlowski@stantec.com

Attachment

cc: Victoria Okolowski / Fran Zalewski / John Mathews / Jim Cassidy / Joseph Maher
Regina Beck / Gregory Miley / Awilda Burgos / Everett McDaniel / Michael Sheridan, Esquire

Design with community in mind

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

For the Reporting Period: June 31, 2014 to June 30, 2016

- Annual Report Progress Report
 New Permittee Renewal Permittee

Due Date: August 29, 2016

GENERAL INFORMATION			
Permittee Name:	Trainer Borough	NPDES Permit No.:	PA130118
Mailing Address:	824 Main Street	Effective Date:	3/16/2013
City, State, Zip:	Trainer, PA 19061	Expiration Date:	3/15/2018
MS4 Contact Person:	Victoria Okolowski	Renewal Due Date:	9/16/2017
Title:	Borough Secretary	Admin. Extended?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Phone:	610-497-3838	Municipality:	Trainer Borough
Email:	secretary@trainerboro.com	County:	Delaware
Co-Permittees (if applicable):			

WATER QUALITY INFORMATION	
Are there any discharges to waters within the Chesapeake Bay Watershed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?
Marcus Hook Creek	WWF	Yes	Flow Variability, Siltation, Habitat Modification and Metals	No	No
Stoney Creek	WWF	Yes	Flow Variability, Siltation and Habitat Modification	No	No
Delaware River	WWF	Yes	PCBs	Yes	No

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

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT



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		
#2 Public Involvement/Participation		
#3 Illicit Discharge Detection and Elimination (IDD&E)		
#4 Construction Site Storm Water Runoff Control		
#5 Post-Construction Storm Water Management in New Development and Redevelopment		
#6 Pollution Prevention / Good Housekeeping		

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.

- For new permittees only, attach the written PEOP or a summary thereof to the first report submitted to DEP.
- If you are not a new permittee, did you complete and submit your written PEOP to DEP? Yes No
If Yes, provide the latest submission date: **08/26/2016**
- Date of last evaluation of or revision to the PEOP: **8/2/2016**
- What were the plans and goals for public education and outreach for the reporting period?

The Borough has adopted the Public Education and Outreach Plan developed by the CRC Watershed Association, a non-profit environmental organization. An updated copy of the PEOP is included with this report and is on display at the Borough Hall for the Borough's use in implementing the plan.

- Did the MS4 achieve its goal(s) for the PEOP during the reporting period? Yes No

Explain the rationale for your answer:

The Borough provided MS4 information and promoted educational and outreach opportunities to target audiences through their website, newsletters, postings, public meetings, seminars and workshops. The "Clean Stormwater Begins with you" and "Hold the Stormwater Please" posters are on display at Borough Hall.

The Borough continues to participate in the multi-Municipal Environmental Advisory Council with Marcus Hook and Lower Chichester with members attending regular meetings to review their issues related to the environmental impacts of the industrial areas located in the municipalities.

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

The Borough, in partnership with the CRC, to continue providing educational information and outreach opportunities to target audiences via their website, newsletters, postings, public meetings, seminars and workshops.

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. If you are not a new permittee, did you complete and submit your target audience list to DEP? Yes No
If Yes, provide the latest submission date: **8/26/2016**
3. Date of last review or revision to target audience list(s): **8/2/2016**

BMP #3: Annually publish at least one educational item 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 submitted to DEP.
2. If you are not a new permittee, did you complete and submit your published stormwater educational or informational materials to DEP? Yes No
If Yes, provide the latest submission date: **8/26/2016**
3. Do you have a municipal newsletter? Yes No
If Yes, how often was it published during the reporting period and what MS4-related material did it contain?
The Borough newsletter is published and distributed to residents quarterly. The newsletter contains information to educate residents on methods of preventing surface water pollution (newsletters attached).
4. Do you have a municipal website? Yes No (URL: <http://www.trainerboro.com/>)
If Yes, what MS4-related material does it contain?
The Borough has created a stormwater link on their homepage. This link brings you to a page containing numerous MS4 links under PA DEP Useful Links; numerous EPA MS4 pages and links; phone numbers for reporting MS4 related issues including DEP's 24-hour Water Quality Hotline, Delaware County Conservation District (DCCD), DELCORA, PA Fish and Boat Commission, Trainer Borough and Chester Water Authority. The stormwater page also contains the advertisement for the April 30, 2016 CRC Stream clean-up, the "We All Live Downstream" diagram and the "Diagram of an Open Stormwater Sewer System" (attached copy web page).
5. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:
The Borough and the Borough Engineer discuss MS4 stormwater topics and distributes materials periodically at public meetings (meeting minutes attached including MS4 materials).
6. Date of most recent review and/or update to published stormwater educational materials: **8/1/2016**
7. Identify specific plans for the publication of stormwater materials for the upcoming year:
Continue publishing stormwater education material on their website and newsletters and discussing MS4 stormwater topics and distributing materials and public meetings.

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 BMP #3.*

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).

The Borough and the Borough Engineer periodically discuss the MS4 program at public meetings and distributes MS4 materials (see BMP #3), posters are on display at Borough Hall. The Borough with assistance from the CRC promotes educational workshops and seminars.

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 your written PIPP or a summary thereof to the first report submitted to DEP.
- 2. If you are not a new permittee, did you complete and submit your written PIPP or summary to DEP? Yes No
If Yes, provide the latest submission date: **8/26/2016**
- 3. Date of last review and/or update to the PIPP: **8/02/2016**

4. Explain how your PIPP addresses items a, b and c of the Measurable Goal:
The Borough has adopted the CRC Watersheds Association Public Involvement and Participation Plan. The updated PIPP is included with this report and has been posted at the Borough Municipal Building for the Borough's use in implementing the plan. The education materials and information disseminated by the CRC meets the goals of MCM no. 1 and 2.

The periodic and related MS4 reports are available for the public at Borough Hall and the Borough has posted these on their website.

The Borough through newsletters, website and postings encourages residents to attend council meetings, workshops, seminars, etc. where MS4 related information is routinely discussed. The Borough also encourages residents to attend stream cleanups where they see how the results of their efforts improves water quality of the streams and where they gain knowledge of the MS4 program from organizers.

BMP #2: Prior to adoption of any ordinance (municipal permittees) or SOP (non-municipal permittees) required by the 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.

- 1. Was an MS4-related ordinance or SOP developed during the reporting period? Yes No
- 2. If Yes, describe how you advertised the draft ordinance and how you provided opportunities for public review, input and feedback:
- 3. 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

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(s): **4/9/2015, 4/14/2016**
2. How were meeting(s) advertised to the public? **Website and previous public meetings**
3. Indicate where the meeting(s) were held and the number of attendees:
Trainer Borough Hall: (See Minutes) 2016: 16 public, 10 representing Borough, 2 from industry Monroe Energy.
4. What types of MS4-related activities did you solicit public involvement and participation for?
Tips for clean stormwater at homes and in neighborhoods, stream clean-ups and educational events, reporting illicit discharges.
5. What MS4-related activities did the public participate in?

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. If you are not a new permittee, did you complete and submit your written IDD&E program to DEP? Yes No
If Yes, provide the latest submission date:
3. Date of last review and/or update to IDD&E program: **8/11/2016**

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): **August 25, 2016**
4. Total number of discharge points in your storm sewer system that:
Discharge directly to surface waters (outfalls): **18**
Discharge to storm sewers owned by others: **0**
5. Total number of outfalls that are mapped at this time: **18**

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. If Yes, is the map(s) on the same map(s) as for outfalls and receiving waters? Yes No
3. For new permittees only, attach the completed map to the 4th year Annual Report.

4. If you are not a new permittee, did you complete and submit your map to DEP? Yes No
If Yes, provide the latest submission date: **8/26/2016**
5. Date of last update or revision to map: **8/25/2016**

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.

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 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

If Yes for #1, indicate the number screened and the percent of all outfalls it represents. If No for #1, indicate reason(s) why this was not completed:

Are you on pace to screen all outfalls twice during the permit term? Yes No
2. For renewal permittees, indicate the percent of outfalls screened during the reporting period: **58 %**

Are you on pace to screen all outfalls once during the permit term? Yes No

3. For all permittees, indicate the percent of outfalls screened that revealed dry weather flows: 6%
4. Did any dry weather flows reveal color, turbidity, sheen, odor, floating or submerged solids? Yes No
5. If Yes for #4, attach all sample results to this report with a map identifying the sample location. Explain the corrective action(s) taken in the attachment.

6. Do you use the "Outfall Reconnaissance Inventory / Sample Collection Field Sheet" provided in the permit?
 Yes No
If No, attach a copy of your monitoring form.

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: **12/9/2004**
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.
3. If you are not a new permittee, did you complete and submit your ordinance (or SOP) and letter from an official, engineer or solicitor that prohibits non-stormwater discharges to DEP? Yes No
4. Were there any violations of the ordinance during the reporting period? Yes No
If Yes, describe what enforcement actions were taken for each violation:

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 IDD&E-related information distributed to public employees, businesses, and the general public during the reporting period? Yes No

If Yes, what was distributed? **Educational information and procedures for reporting illicit discharges are discussed at public meetings. The Borough's main phone number (610) 497-3838 is answered by the Borough secretary who will direct emergencies related to illicit discharge to the appropriate personnel and/or Police Department. In addition, the phone number has an extension to the Police Department for incoming calls beyond regular hours. The outfall/stormwater map is on display at Borough Hall for the Borough's/appropriate personnel's use in tracking/locating an illicit discharge relative to the stormwater management system.**

The Borough added to their website the "Who are you going to call" information (see MCM#1).

2. Is there a well-publicized method for employees, businesses and the public to report stormwater pollution incidents?

Yes No

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. If you are not a new permittee, did you complete and submit your written stormwater associated with construction activities program to DEP? Yes No

If Yes, provide the latest submission date:

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.
2. If you are not a new permittee, did you complete and submit your ordinance (or SOP) and letter from an official, engineer or solicitor that addresses stormwater associated with construction activities to DEP? Yes No

If Yes, provide the latest submission date:

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:
2. During the reporting period what has been the results of implementing the mechanism(s) described above?

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.

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. If you are not a new permittee, did you complete and submit your written procedure for post-construction management to DEP? Yes No

If Yes, provide the latest submission date:

3. 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.

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

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 (or SOP) to address post-construction stormwater runoff from new and redevelopment projects and does it include sanctions? Yes No
If Yes, indicate the date of the ordinance or SOP: **5/12/2016**
For new permittees only, attach a copy of the ordinance or SOP.
2. If you are not a new permittee, has the ordinance (or SOP) been submitted to DEP with a letter from an official, engineer or solicitor that certifies the enactment of an ordinance or SOP for PCSM activities? Yes No
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. Identify ordinances enacted or updated during the reporting period to ensure consistency with LID practices:

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. If you are not a new permittee, did you complete and submit your written inspection program to ensure that stormwater BMPs are properly operated and maintained to DEP? Yes No

If Yes, provide the latest submission date: **8/20/2014**

3. How do you ensure that stormwater BMPs are properly operated and maintained? Explain if you rely on means other than municipal inspections to ensure adequate O&M (consistent with your stormwater ordinance).

4. Date that inspection program was last reviewed or updated: **5/2/2016**

5. Total number of sites with PCSM BMPs installed as of the date of this report: **5**

6. Total number of sites inspected during this reporting period: **4**

7. Number of sites found to have PCSM BMP deficiencies: **0**

8. 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? **8/25/2016**
3. When was it last updated? **8/25/2016**
4. How many new facilities and/or activities were added to this inventory during this reporting period? **0**

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. If you are not a new permittee, did you complete and submit your written O&M program to DEP? Yes No
If Yes, provide the latest submission date:

3. Date of last review or update to O&M program: **8/25/2016**

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. If you are not a new permittee, did you complete and submit your written training program to DEP? Yes No
If Yes, provide the latest submission date: **8/26/2016**
3. Date of last review or update to training program: **continual**
4. Identify the date(s) of employee training, the names of attendees, the topics covered, and the training presenters:

BEST MANAGEMENT PRACTICES (BMPs)

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 BMPs implemented are effective and will be reviewed and updated as needed during next reporting period and/or permit cycle.

MS4 TMDL Plan	Chesapeake Bay Pollutant Reduction Plan (CBPRP)
Is the permittee required to develop an MS4 TMDL Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is the permittee required to develop a CBPRP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What is the status of the TMDL Design Details (if applicable)? <input type="checkbox"/> Under Development (Due Date:) <input type="checkbox"/> Submitted to DEP (Submission Date:) <input type="checkbox"/> Approved by DEP (Approval Date:)	What is the status of the CBPRP (if applicable)? <input type="checkbox"/> Under Development (Due Date:) <input type="checkbox"/> Submitted to DEP (Submission Date:) <input type="checkbox"/> Approved by DEP (Approval Date:)

For permittees with DEP-approved MS4 TMDL Plans and/or CBPRPs, describe progress with implementing BMPs and other activities identified in those plans:

For permittees with DEP-approved MS4 TMDL Plans and/or CBPRPs, complete the section below. Identify the required pollutant reductions (for those with MS4 TMDL Plans) or pollutant reductions committed to by the permittee (for those with CBPRPs) and the cumulative reductions achieved through implementing the BMPs, as of the end of the reporting period:

BMP INVENTORY

List all new structural BMPs installed and ongoing non-structural BMPs implemented in the urbanized area during the reporting period that are being used toward achieving load reductions in the permittee's MS4 TMDL Plan and/or CBPRP. Provide a name or description for each BMP, the area, in square feet (sf) that drains to each BMP (drainage area (DA)) (if applicable), the location of the BMP (latitude and longitude), the name of the water body that receives discharges from the BMP (if applicable), the date the BMP was installed or implemented, and whether the BMP was completed pursuant to an NPDES permit for stormwater associated with construction activities or other NPDES permit (check box if done under an NPDES permit).

BMP Name / Description	DA (sf)	Latitude	Longitude	Receiving Waters	Date Installed or Implemented	NPDES Permit?
SEE SEPARATE SHEET		° ' "	° ' "			<input type="checkbox"/>
		° ' "	° ' "			<input type="checkbox"/>
		° ' "	° ' "			<input type="checkbox"/>
		° ' "	° ' "			<input type="checkbox"/>
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		° ' "	° ' "			<input type="checkbox"/>
		° ' "	° ' "			<input type="checkbox"/>
		° ' "	° ' "			<input type="checkbox"/>

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.

The Borough continues to implement strategies suggested by the State and the CRC in adhering to and implementing the MS4 program. The Borough continues to ensure that all construction sites are permitted and monitored on a regular basis. Annual inspections will be conducted on BMP's and any deficiencies noted are sent to the owner for repairs.

Provide a summary of stormwater activities planned during the next reporting cycle (not identified previously in this report):

Continue with permit requirements and partnership with the CRC to distribute materials, continue conducting annual inspections on BMP's, continue outfall screening.

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

Continuing partnership with the CRC.

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).

Regina T. Beck, Trainer Borough Council President

Regina T. Beck
Signature

Name of Responsible Official

(610) 497-3838

8/19/2016
Date

Telephone No.

TRAINER BOROUGH IDDE PROGRAM

It is the responsibility of municipal officials, municipal employees, residents and business owners of the municipality to ensure that no illicit discharges occur. These entities are responsible to monitor and report any concerns regarding illicit discharges to the Borough Manager immediately upon discovery. The Borough phone number can be used for residents to phone in a concern or complaint. The Borough Manager will then review the issue and authorize an investigation into the potential source of illicit discharge. All information will be recorded and tracked in a report that will be submitted to DEP in conjunction with enforcement of the MS4 program.

Documentation about the MS4 program is found online on the Borough's website. The staff and public are kept informed of updates and changes to the program. They are also provided general information during Borough meetings.

THE PROGRAM

The Borough Engineer or his/her representatives are responsible for locating, tracking, screening and testing of all known outfalls in the Borough.

1. Each known outfall in the Borough is currently mapped. The map is reviewed yearly and updated if needed. It is kept on file at the Borough Building for use by officials.
2. Each outfall will be screened at least once within the permit cycle. A visual screening is conducted at each location. This screening is documented and filed with each report. If dry weather flow, with indicators is present, samples will be taken and sent to a laboratory for testing.
3. If positive test results are obtained, tracking will be performed to determine if a source for illicit discharges can be located and a corrective action applied.

The Borough of Trainer

TRAINER MUNICIPAL BUILDING, 824 MAIN STREET
TRAINER, DELAWARE COUNTY, PA 19061-5097

(610)-497-3838

FAX NUMBER (610) 497-7840

RESOLUTION #1024

WHEREAS, Trainer Borough has held a Municipal Separate Storm Sewer System Permit (PAG 130120) with Pa DEP since the program's inception in 2003.

WHEREAS, the program requires compliance with six minimum control measures (MCM).

WHEREAS, the Council of Trainer Borough, Delaware County, Pennsylvania is seeking to implement the program requirements as efficiently as possible by utilizing existing resources in place.


NOW, THEREFORE BE IT RESOLVED, that the Council of Trainer Borough hereby confirms its intent to rely on the statewide program for issuing NPDES construction site permits to comply with MCM #4 and a portion of MCM #5 with respect to post construction procedures.

ADOPTED and APPROVED this 12th day of May, 2016.

BOROUGH OF TRAINER


Regina Beck, President

ATTEST: 
Borough Secretary


Frances Zalewski, Mayor

Trainer Borough
List of BMP's
updated : 08/02/2016

Storm ID	Project Name	Project Number	Location Address	Owner Name	Latitude	Longitude	BMP System Type	Year Installed	Inspection Date
BMP001	2 Nealy Blvd	2005-602-03	2 Nealy Blvd	AAA Group, L.P.	39° 50' 0.6"	-75° 24' 41"	Subsurface Basin	12/7/2006	Yes, 8/20/2014, 11/4/2015, 04/28/2016
BMP002	Lot 13 Tri-State Bus. Development	176710093	Lot 13 Tri-State Bus. Park	AAA Group, L.P.	39° 50' 0.6"	-75° 24' 41"	Surface Basin	8/6/2006	Yes, 8/20/2014, 11/4/2015, 04/28/2016
BMP003	A&R Ironworks Lot 6 Trainer Pointe Development	176710161	22 Nealy Blvd	A&R Ironworks/Guy V Romero	39° 49' 52.32"	-75° 24' 27.36"	Surface Basin	7/16/2007	Yes, 8/20/2014, 11/4/2015, 05/02/2016
BMP004-A	Trainer Pointe Development	176710175	Lot 5 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	5/13/2010	8/13/2012, 9/30/2013, 09/18/2015, 04/28/2016
BMP004-B	Trainer Pointe Development	176710175	Lot 6 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	5/13/2010	8/13/2012, 9/30/2013, 09/18/2015, 04/28/2016
BMP004-C	Trainer Pointe Development	176710175	Lot 1 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	6/29/2010	8/13/2012, 9/30/2013, 09/18/2015, 04/28/2016
BMP004-D	Trainer Pointe Development	176710175	Lot 2 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	6/29/2010	8/13/2012, 9/30/2013, 09/18/2015, 04/28/2016
BMP004-E	Trainer Pointe Development	176710175	Lot 3 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	3/3/2011	5/16/2011, 8/13/2012, 9/30/13 09/18/2015, 04/28/2016
BMP004-F	Trainer Pointe Development	176710175	Lot 4 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	3/3/2011	5/16/2011, 8/13/2012, 9/30/13 09/18/2015, 04/28/2016
BMP004-G	Trainer Pointe Development	176710175	Lot 13 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	5/16/2011	1/6/2012, 8/13/2012, 9/30/13 09/18/2015, 04/28/2016
BMP004-H	Trainer Pointe Development	176710175	Lot 14 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	5/16/2011	1/6/2012, 8/13/2012, 9/30/13 09/18/2015, 04/28/2016
BMP004-I	Trainer Pointe Development	176710175	Lot 9 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	1/11/2013	1/11/2013, 2/21/2013, 9/30/13, 09/18/2015, 04/28/2016
BMP004-J	Trainer Pointe Development	176710175	Lot 10 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	1/11/2013	1/11/2013, 2/21/2013, 9/30/13, 09/18/2015, 04/28/2016
BMP004-K	Trainer Pointe Development	176710175	Lot 11 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	9/17/2015	9/30/13, 09/18/2015, 04/28/2016
BMP004-L	Trainer Pointe Development	176710175	Lot 12 Trainer Pointe	Harvest Building Group	39° 49' 40.08"	-75° 23' 57.48"	Subsurface Basin	9/17/2015	1/11/2013, 2/21/2013, 9/30/13, 09/18/2015, 04/28/2016
BMP005	ESKE	174840070	Nealy Blvd	ESKE Developers	39° 50' 0.37"	-75° 24' 33.25"	Subsurface Basin	11/30/2015	

Stormwater Facility Operation and Maintenance Plan for Trainer Borough

Post-Construction Stormwater Runoff Management: MCM #5 – BMP # 6

**Pollution Prevention and Good Housekeeping for Municipal Operations and
Maintenance: MCM #6 – BMP #'s 1, 2 and 3**

Date:

August 25, 2016

A. Authority and Applicability

i. Purpose

Trainer Borough will implement this Stormwater Facility Operation and Maintenance Plan (Plan) to improve the Borough's water quality by reducing the discharge of pollutants from municipal separate storm sewer systems (MS4s), protecting water quality, and satisfying the appropriate requirements of the federal Clean Water Act. The Borough is required by law to implement this Plan under the Phase II National Pollutant Discharge Elimination System (NPDES) Stormwater Regulations (40 CFR §§ 122.26 – 123.35). The Pennsylvania Department of Environmental Protection (PADEP) has the authority to issue permits under this federal regulation and has issued the following permit to Trainer Borough:

NPDES MS4 Permit No. PAG130118

ii. Permit Requirements

This permit requires Trainer Borough to implement the six Minimum Control Measures (MCMs) described in the MS4 Stormwater Management Program Protocol (Protocol).

These six MCMs are:

- 1) Public Education and Outreach,
- 2) Public Participation and Involvement,
- 3) Illicit Discharge Detection and Elimination,
- 4) Construction Site Runoff Control,
- 5) Post-Construction Stormwater Runoff Management, and
- 6) Pollution Prevention and Good Housekeeping for Municipal Operations and Maintenance

This Plan provides a procedure to implement and document compliance with MCM #5 – BMP #6 and MCM #6– BMP #'s 1, 2 and 3. MCM numbers 1 through 4 and MCM no. 5- BMP #'s 1 through 5 are being implemented through other plans as noted in the 1st year periodic report for the renewal permit not described herein.

iii. Minimum Control Measure Requirements

- a. **Minimum Control Measure #5 -
Post Construction Stormwater Runoff Management in New
Development and Redevelopment -
BMP #6 – ensure adequate operation and maintenance of all
post - construction stormwater management BMPs at
development and redevelopment projects.**

In order to meet the requirements of MCM # 5 – BMP #6, the Borough has:

- 1) Committed municipal resources to review post-construction stormwater Best Management Practices (BMP);
- 2) Ensures that post-construction controls meet state water quality requirements.
- 3) Developed and continually updates the inventory of PCSM BMPs. The inventory is provided on a spread-sheet in Appendix A.

- b. **Minimum Control Measure #6 –
Pollution Prevention/Good Housekeeping Procedures for
Municipal Operations –**

In order to meet the requirements of MCM no. 6, the Borough has implemented the following BMPs:

BMP #1 – Identify and document facilities and activities that are owned or operated by the permittee and have potential for generating stormwater runoff to MS4.

BMP #2 – Develop, implement and maintain a written Operation and Maintenance (O and M) Program for all municipal operations that could contribute to discharge of pollutants from the regulated small MS4s identified in BMP #1.

BMP #3 – Develop and implement an employee training program to prevent or reduce the discharge of pollutants from municipal operations to the small MS4s.

B. Procedures

i. Inspection and Maintenance Procedures for Best Management Practices

Inspection and maintenance procedures may be found in the most current version of the Pennsylvania Stormwater Best Management Practices Manual. The manual is available on internet at the Pennsylvania Department of Environmental Protection website.

ii. Operation, Maintenance, and Inspection Procedures for Stormwater Facilities

The goal of the following procedures is to ensure that stormwater management facilities are functioning properly and to prevent or reduce pollutant runoff to the maximum extent practical.

The Borough is responsible for inspection and maintenance of all municipally owned stormwater management facilities, including: roadways, parking lots, paved surfaces, storm sewer inlets, piping and outfalls; swales, ditches or other stormwater conveyances, maintenance and storage yards, parks and open space, maintenance shops, riparian buffers. The Borough has implemented the Operation, Maintenance, and Inspection Procedures described in Section B and there is in compliance with this component.

Inspection checklists for stormwater facilities are included in Appendix A.

Stormwater Facility Operation:

All stormwater facilities will be operated according to their design specifications and in a manner that prevents or reduces adverse environmental or public health and safety impacts.

Stormwater Facility Inspection:

Inspections will be conducted to evaluate the performance of the stormwater facilities and to determine whether pollutants, trash or debris is entering or discharging from the stormwater collection system.

Inspection frequencies will depend on various factors, but will be at least once per year. The type of the stormwater facility will be used to guide inspection frequencies. The size of the drainage area, the amount of impervious cover, and the type of activities that occur within the drainage area will affect inspection frequencies. More frequent inspections would be warranted in

industrial, construction or high vehicle use areas, or in any area that is known or suspected to be an increased risk for pollution. Severe weather conditions such as heavy rains will usually require follow up inspections to determine the impact to and performance of stormwater facilities.

All inspection activities, results and recommendations will be documented in writing.

The overall condition and cleanliness of Borough roads and parking lots will be constantly evaluated during routine travels by public works staff. Those areas with excessive staining, trash or sediment will be investigated or scheduled for cleaning. Appropriate corrective actions will be considered for any areas exhibiting flooding or poor drainage patterns.

All storm sewer inlets/catch basins will be inspected at least annually to determine the sediment load and overall condition of the structure. This includes approximately 115 inlets. Areas prone to stormwater flow issues are inspected before and during rains and cleaned as necessary to permit proper flows. If the depth of deposits is greater than or equal to one-third the depth from the basin bottom to the invert of the lowest pipe or opening into or out of the basin, cleaning will be performed. Catch basins that accumulate deposits quickly will be inspected more frequently and the drainage area will also be inspected to determine possible causes. Inlet grates will be inspected for trash blocking free water entry into the sewer, especially before heavy rains are forecast.

Storm sewer easements and rights-of-way will be inspected at least annually to check for obstructions or any other conditions that might threaten the integrity of the system.

Storm sewer outfall structures will be inspected annually to check for structural integrity and erosion potential.

Borough stormwater conveyance systems, such as swales, pipes, and ditches, will be inspected on a regular basis to check for trash, vegetation, sediment, and erosion conditions.

Any other type of Borough stormwater Best Management Practice (e.g. wet pond, vegetated swale, infiltration facility, etc) will be inspected according to guidelines contained in the Pennsylvania Stormwater Best Management Practices Manual.

Stormwater Facility Maintenance:

Borough roads and parking lots will be cleaned mechanically when debris is discovered by the Highway crew. This includes approximately 4.86 miles of publically owned roads. Inlets are cleaned during the fall to remove any leaf debris. Repairs to the storm sewer system are made as necessary and have not been needed in the past several years.

Those areas identified by inspections as being more debris prone will be prioritized or cleaned more often. Roadway cleaning will occur after the winter deicing season is over in order to remove accumulated materials. Roadway cleaning may also occur under non-deicing conditions when oil spill clean-up materials such as sand or oil dry are applied. This will prevent these oil-contaminated materials from being washed into the storm sewer system.

The storage and application of materials used for roadway deicing or traction control will be in a manner that reduces the impact to the storm sewer system and the environment. Types of materials currently being used in the Borough include deicing salt. All storage will be protected from precipitation. Any spillage of materials will be cleaned up to prevent stormwater runoff contamination. The application of any material to roads or parking lots will be only enough to accomplish the task and will take into consideration site specific characteristics such as road width and design, traffic concentration, and proximity to surface waters.

Storm sewer inlets/catch basins will be cleaned when inspections reveal an excessive accumulation of sediment or debris. Storm sewer inlet grating will also be cleaned as necessary. Structural repairs to any part of the storm sewer inlet/catch basin will be performed as the need arises. Any storm sewer piping deficiencies will also be corrected. Excessive debris or sediment in any storm sewer piping will be removed. Damaged piping will be replaced.

Free flow of water from outfalls will be maintained by removal of debris and obstructions. Velocity reducers at outfalls will be maintained or replaced as necessary.

The use of herbicides and pesticides is limited. Any planned herbicide or pesticide application in vegetated areas or any part of the storm sewer collection system will be reviewed by qualified persons in order to comply with all applicable regulations and to prevent adverse water quality impacts.

Any other type of Borough stormwater BMP (e.g. wet pond, vegetated swale, infiltration facility, etc) will be maintained according to guidelines contained in the Pennsylvania Stormwater Best Management Practices Manual.

Any materials recovered from any part of the storm sewer collection or treatment system will be handled and disposed of in accordance with all applicable state and federal disposal regulations.

All maintenance activities will be documented in writing. Pictures will be taken of various storm sewer system components to document pre and post maintenance conditions.

iii. Operation and Maintenance Program for Municipal Vehicle Operations

The MS4 Permit requires the development and implementation of a pollution prevention based operation and maintenance program for all municipal vehicle operations. The goal of this program is to reduce or prevent pollutant runoff from municipal operations from adversely impacting the storm sewer system, the receiving watercourse, or the environment. The following is the program for the Borough.

Municipal Vehicle Operation:

All municipal vehicles will be operated in a manner that reduces the potential for pollution to the municipal storm sewer system or to the environment. This includes obeying all road and traffic rules and being alert at all times.

In the event of a vehicle pollution incident involving vehicle fluids or cargo, all attempts will be made to prevent the spilled material(s) from entering the storm sewer system or nearby waterways. This could include diking, damming, absorbing, or removing the material from the affected area. All recovered material will be properly disposed of in accordance with all applicable state and federal waste disposal regulations. Appropriate spill containment and recovery equipment will be maintained at the public works facility. For any spill beyond the Borough's ability to address, local contractors will be contacted to provide assistance. An up to date list of appropriate contractors will be maintained and readily available. A list of other entities to be contacted (PADEP, PA Fish & Boat Commission, water users/intakes, etc) will also be maintained and available.

Municipal Vehicle Maintenance:

The Borough owns:

- 1 pick-up truck
- 2 dump trucks
- 2 tractors with 1 of these having a disc for dispersing salt
- Lawn mowers
- 7 police cars
- 1 snow blower

All vehicle maintenance is performed at local commercial facilities including:

- Vehicles: Tally's garage in Trainer, Sunoco in Aston, Broomall's in Chester.
- Lawn Mowers: Burkes Landscape supply in Trainer.

Products of maintenance activities, such as greasy rags, oil filters, air filters, batteries, degreasers, used oil and coolant, etc. will be placed in appropriately labeled containers for proper disposal or recycling. If these containers can not be stored under roof, they will be placed in secure areas with provisions to prevent releases to the environment.

Areas containing spillage or contaminants will not be washed so that the runoff could enter the storm sewer system. Dry cleanup methods will be utilized as much as possible.

Drip pans or containers will be used for all leaking vehicles. Outdoor vehicle storage areas will be periodically inspected to check for evidence of uncontrolled leakage.

Suitable materials will be maintained on site for the cleanup and disposal of oils, chemicals, or other hazardous materials.

Indoor floor drains will not be connected to any part of the storm sewer system and will not allow the discharge of pollutants to the environment.

Non-hazardous cleaners and solvents will be used whenever possible.

Vehicles are stored at these locations:

- Borough Highway Garage at Pennell Street and Post road: pick-up truck, dump trucks, tractors storage, lawn mowers, snow blower
- Borough Hall parking lot at 824 Main Street.

Storage areas will be routinely inspected to determine the effectiveness of the pollution prevention program. Inspection records will be maintained and any deficiencies will be promptly addressed.

Municipal Vehicle Fueling:

All vehicle fueling operations will be constantly monitored to prevent or react to spillage. The Borough fuels their vehicles at commercial facilities including Sunoco in Linwood and Pacific Pride in Aston.

The Borough owns 1 above ground diesel storage tank located at the Highway Maintenance garage which is used for fueling lawn mowers.

“Topping off” of vehicle fuel tanks will be discouraged through training and signage.

All spillage from fueling activities will be controlled and cleaned up immediately. Appropriate clean up materials such as oil dry or absorbent pads will be maintained at the fueling area and will be used to prevent spillage from entering the storm drain system. Water will not be used to clean up any spillage.

Municipal Vehicle/Equipment Washing:

All other vehicles are washed at the ‘# 1 Car Wash’ commercial facility in Trainer.

The police vehicles are washed on the Borough Hall parking lot with the wash water flowing to the adjacent lawn area so that the runoff does not enter the storm sewer system.

Phosphate-free biodegradable detergents will be used whenever possible.

The water generated from any power washing or steam cleaning activity will not be allowed to enter the storm sewer system.

iv. Repairs

Repair of any items indicated in the report as needing repair must be completed within the time frame in the most current version of Ordinance 666.

C. Administration

i. Documentation and Training

Inspection reports will be maintained on file for reference and for confirmation of any required repairs to stormwater facilities.

Training of employees to perform stormwater facility inspections or municipal vehicle operations is important to ensure that proper procedures are being followed on a consistent basis and that appropriate documentation is maintained. The Borough Council conducts discussions regarding maintenance of vehicles and care of facilities with the maintenance crew.

ii. Enforcement and Penalties

Enforcement and penalties are fully described in the most current version of Ordinance 666.

Appendices

A. Operation, Maintenance, and Management Inspection Checklists

References

- A. Municipal Separate Storm Sewer Systems Stormwater Management Program Protocol, Pennsylvania Department of Environmental Protection.
- B. Ordinance No. 666 – Stormwater Management Ordinance.
- C. Operation, Maintenance, and Management of Stormwater Management Systems, Watershed Management Institute, Inc. and Office of Water U. S. Environmental Protection Agency, Washington D.C., August 1997.
- D. Standard Guidelines for the Design, Installation, Maintenance and Operation of Urban Stormwater Systems, ASCE/EWRI 45-, 46-, 47-05.
- E. Standard Guidelines for the Design, Installation, Maintenance, and Operation of Urban Subsurface Drainage, ASCE/EWRI 12-, 13-, 14-05.
- F. Pennsylvania Stormwater Best Management Practices Manual, Pennsylvania Department of Environmental Protection, current version.

APPENDIX 7-1

Operation, Maintenance, and Management Inspection Checklist for Ponds

Operation and Maintenance Inspection Report for Stormwater Management Ponds
(Adapted from Anne Arundel County, Maryland)

Inspector Name _____ Community _____
 Inspection Date _____ Address _____
 Stormwater Pond _____
 Normal Pool _____
 Normally Dry _____ Watershed _____

Items Inspected	Checked		Maintenance Needed		Inspection Frequency	Remarks
	Yes	No	Yes	No		
I. Pond components						
A. Embankment and Emergency spillway					A,S	
1. Vegetation and ground Cover adequate						
2. Embankment erosion						
3. Animal burrows						
4. Unauthorized plantings						
5. Cracking, bulging, or sliding of dam						
a. Upstream face						
b. Downstream face						
c. At or beyond toe						
Upstream						
Downstream						
d. Emergency spillway						
6. Pond, toe & chimney drains clear and functioning						
7. Seeps/leaks on downstream face						
8. Slope protection or riprap failures						
9. Vertical and horizontal alignment of top of dam as per "As-Built" plans						
10. Emergency spillway clear of obstructions and debris						
11. Other (specify)						
B. Riser and principal spillway					A	
Type: Reinforced concrete _____						
Corrugated pipe _____						
Masonry _____						
1. Low flow orifice obstructed						
2. Low flow trash rack						
a. Debris removal necessary						
b. Corrosion control						
3. Weir trash rack maintenance						
a. Debris removal necessary						
b. Corrosion control						

Inspection Frequency Key A=Annual, M=Monthly, S=After major storm

Items inspected	Checked		Maintenance Needed		Inspection Frequency	Remarks
	Yes	No	Yes	No		
4. Excessive sediment accumulation inside riser						
5. Concrete/Masonry condition						
Riser and barrels						
a. Cracks or displacement						
b. Minor spalling (<1")						
c. Major spalling (rebars exposed)						
d. Joint failures						
e. Water tightness						
6. Metal pipe condition						
7. Control valve						
a. Operational/exercised						
b. Chained and locked						
8. Pond drain valve						
a. Operational/exercised						
b. Chained and locked						
9. Outfall channels functioning						
10. Other (specify)						
C. Permanent pool (wet ponds)					M	
1. Undesirable vegetative growth						
2. Floating or floatable debris removal required						
3. Visible pollution						
4. Shoreline problems						
5. Other (specify)						
D. Sediment forebays						
1. Sedimentation noted						
2. Sediment cleanout when depth < 50% design depth						
E. Dry pond areas					M	
1. Vegetation adequate						
2. Undesirable vegetative growth						
3. Undesirable woody vegetation						
4. Low flow channels clear of obstructions						
5. Standing water or wet spots						
6. Sediment and/or trash accumulation						
7. Other (specify)						
F. Condition of outfalls into pond					A,S	
1. Riprap failures						
2. Slope erosion						
3. Storm drain pipes						
4. Endwalls/headwalls						
5. Other (specify)						
G. Other					M	
1. Encroachments on pond or easement area						

Inspection Frequency Key A=Annual, M=Monthly, S=After major storm

Operation, Maintenance, and Management of Stormwater Systems

Items Inspected	Checked		Maintenance Needed		Inspection Frequency	Remarks
	Yes	No	Yes	No		
2. Complaints from residents (describe on back)						
3. Aesthetics						
a. grass mowing required						
b. graffiti removal needed						
c. Other (specify)						
4. Any public hazards (specify)						
5. Maintenance access						
H. <u>Constructed wetland areas</u>					A	
1. Vegetation healthy and growing						
2. Evidence of invasive species						
3. Excessive sedimentation in wetland area						

Inspection Frequency Key A=Annual, M=Monthly, S=After major storm

II. Summary

1. Inspectors Remarks:

2. Overall condition of Facility (Check one)

_____ Acceptable

_____ Unacceptable

3. Dates any maintenance must be completed by:

APPENDIX 7-2

Operation, Maintenance, and Management Inspection Checklists for Infiltration Practices:

- Basins (Appendix 7-2A)
- Trenches (Appendix 7-2B)
- Dry Wells (Appendix 7-2C)
- Paving (Appendix 7-2D)
- Swales (Appendix 7-2E)

Infiltration Basin Maintenance Inspection Report Form

Adapted from the State of Maryland Inspector's Guidelines Manual

Date _____ Time _____

Project _____

Location _____

Individual Conducting the Inspection _____ "As Built" Plans available Y/N

Inspection frequency shown in parentheses after item being considered

	<u>Satisfactory</u>	<u>Unsatisfactory</u>
1. Debris cleanout (Monthly) Basin bottom clear of debris Inlet clear of debris Outlet clear of debris Emergency spillway clear of debris	_____ _____ _____ _____	_____ _____ _____ _____
2. Sediment traps or forebays (Annual) Obviously trapping sediment greater than 50% of storage volume remaining	_____ _____	_____ _____
3. Vegetation (Monthly) mowing done when needed Fertilized per specifications No evidence of erosion	_____ _____	_____ _____
4. Dewatering (Monthly) Basin dewatered between storms	_____	_____
5. Sediment cleanout of basin (Annual) No evidence of sedimentation in basin Sediment accumulation does not yet require cleanout	_____ _____	_____ _____
6. Inlets (Annual) Good condition No evidence of erosion	_____ _____	_____ _____
7. Outlets/overflow spillway (Annual, After Major Storm) Good condition, no need for repair No evidence of erosion	_____ _____	_____ _____
8. Structural repairs (Annual, After Major Storm) Embankment in good repair Side slopes are stable No evidence of erosion	_____ _____ _____	_____ _____ _____

Inspection Frequency Key Annual, Monthly, After major storm

9. Fences/access repairs (Annual)

- Fences in good condition
- No damage which would allow undesired entry
- Access point in good condition
- Locks and gate function adequate

Satisfactory

Unsatisfactory

<u>Satisfactory</u>	<u>Unsatisfactory</u>
_____	_____
_____	_____
_____	_____
_____	_____

Inspection Frequency Key Annual, Monthly, After major storm

Action to be taken:

If any of the answers to the above items are checked unsatisfactory, a time frame shall be established for their correction or repair

No action necessary. Continue routine inspections _____
 Correct noted facility deficiencies by _____

Facility repairs were indicated and completed. Site reinspection is necessary to verify corrections or improvements.

Site reinspection accomplished on _____

Site reinspection was satisfactory. Next routine inspection is scheduled for approximately:

Signature of Inspector

Infiltration Trench Maintenance Inspection Report Form

Adapted from the State of Maryland Inspector's Guidelines Manual

Date _____

Time _____

Project _____

Location _____

Individual Conducting the Inspection _____ "As Built" Plans available Y/N

Inspection frequency shown in parentheses after item being considered

	<u>Satisfactory</u>	<u>Unsatisfactory</u>
1. Debris cleanout (Monthly)		
Trench surface clear of debris	_____	_____
Inlet areas clear of debris	_____	_____
Inflow pipes clear of debris	_____	_____
Overflow spillway clear of debris	_____	_____
2. Sediment traps, forebays, or pretreatment swales (Annual)		
Obviously trapping sediment greater than 50% of storage volume remaining	_____	_____
3. Vegetation (Monthly)		
mowing done when needed	_____	_____
Fertilized per specifications	_____	_____
No evidence of erosion	_____	_____
4. Dewatering (Monthly)		
Trench dewatered between storms	_____	_____
5. Sediment cleanout of trench (Annual)		
No evidence of sedimentation in trench	_____	_____
Sediment accumulation does not yet require cleanout	_____	_____
6. Inlets (Annual)		
Good condition	_____	_____
No evidence of erosion	_____	_____
7. Outlets/overflow spillway (Annual)		
Good condition, no need for repair	_____	_____
No evidence of erosion	_____	_____

Inspection Frequency Key Annual, Monthly, After major storm

		<u>Satisfactory</u>	<u>Unsatisfactory</u>
8. Aggregate repairs	(Annual)		
Surface of aggregate clean		_____	_____
Top layer of stone does not need replacement		_____	_____
Trench does not need rehabilitation		_____	_____
9. Vegetated surface	(Monthly)		
No evidence of erosion		_____	_____
Perforated inlet functioning adequately		_____	_____
Water does not stand on vegetative surface		_____	_____
Good vegetative cover exists		_____	_____

Inspection Frequency Key Annual, Monthly, After major storm

Action to be taken:

If any of the answers to the above items are checked unsatisfactory, a time frame shall be established for their correction or repair

No action necessary. Continue routine inspections _____
Correct noted facility deficiencies by _____

Facility repairs were indicated and completed. Site reinspection is necessary to verify corrections or improvements.

Site reinspection accomplished on _____

Site reinspection was satisfactory. Next routine inspection is scheduled for approximately:

Signature of Inspector

Infiltration Dry Well Maintenance Inspection Report Form

Date _____

Time _____

Project _____

Location _____

Individual Conducting the Inspection _____ "As Built" Plans available Y/N

Inspection frequency shown in parentheses after item being considered

	<u>Satisfactory</u>	<u>Unsatisfactory</u>
1. Debris cleanout (Monthly) Roof drains and downspouts clean	_____	_____
2. Vegetation on top of dry well (Monthly) mowing done when needed Fertilized per specifications No evidence of erosion	_____ _____ _____	_____ _____ _____
3. Dewatering (Monthly) Dry well dewateres between storms	_____	_____
4. Inlets (Annual) Good condition of down spouts No evidence of deterioration Roof gutters drain correctly into dry well	_____ _____ _____	_____ _____ _____
5. Outlets/overflow spillway (Annual) Good condition, no need for repair No evidence of erosion	_____ _____	_____ _____

Inspection Frequency Key Annual, Monthly, After major storm

Action to be taken:

If any of the answers to the above items are checked unsatisfactory, a time frame shall be established for their correction or repair

No action necessary. Continue routine inspections _____
Correct noted facility deficiencies by _____

Facility repairs were indicated and completed. Site reinspection is necessary to verify corrections or improvements.

Site reinspection accomplished on _____

Site reinspection was satisfactory. Next routine inspection is scheduled for approximately:

Signature of Inspector

Infiltration Paving Maintenance Inspection Report Form

Date _____

Time _____

Project _____

Location _____

Individual Conducting the Inspection _____ "As Built" Plans available Y/N

Inspection frequency shown in parentheses after item being considered

1. Debris on infiltration paving parking area (Monthly)

Paving area clean of debris

Satisfactory

Unsatisfactory

2. Vegetation (any buffer areas or pervious areas in drainage area) (Monthly)

mowing done when needed
Fertilized per specifications
No evidence of erosion

3. Dewatering (Monthly)

Infiltration paving dewaterers between storms

4. Sediments (Monthly)

Area clean of sediments
Area vacuum swept on a periodic basis

5. Structural condition (Annual)

No evidence of surface deterioration
No evidence of rutting or spalling

Inspection Frequency Key Annual, Monthly, After major storm

Action to be taken:

If any of the answers to the above items are checked unsatisfactory, a time frame shall be established for their correction or repair

No action necessary. Continue routine inspections _____

Correct noted facility deficiencies by _____

Facility repairs were indicated and completed. Site reinspection is necessary to verify corrections or improvements.

Site reinspection accomplished on _____

Site reinspection was satisfactory. Next routine inspection is scheduled for approximately:

Signature of Inspector

Infiltration Swale Well Maintenance Inspection Report Form

Date _____

Time _____

Project _____

Location _____

Individual Conducting the Inspection _____ "As Built" Plans available Y/N

Inspection frequency shown in parentheses after item being considered

<p>1. Debris cleanout (Monthly)</p> <p style="padding-left: 40px;">Swales and contributing areas clean of debris</p>	<p><u>Satisfactory</u></p> <p>_____</p>	<p><u>Unsatisfactory</u></p> <p>_____</p>
<p>2. Vegetation (Monthly)</p> <p style="padding-left: 40px;">mowing done when needed</p> <p style="padding-left: 40px;">Fertilized per specifications</p> <p style="padding-left: 40px;">No evidence of erosion</p> <p style="padding-left: 40px;">Minimum mowing depth not exceeded</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>3. Dewatering (Monthly)</p> <p style="padding-left: 40px;">Swale dewateres between storms</p>	<p>_____</p>	<p>_____</p>
<p>4. Check dams or energy dissipators (Annual, After Major Storm)</p> <p style="padding-left: 40px;">No evidence of flow going around structures</p> <p style="padding-left: 40px;">No evidence of erosion at downstream toe</p>	<p>_____</p> <p>_____</p>	<p>_____</p> <p>_____</p>
<p>5. Sediment deposition (Annual)</p> <p style="padding-left: 40px;">Swale clean of sediments</p>	<p>_____</p>	<p>_____</p>
<p>6. Outlets/overflow spillway (Annual, After Major Storm)</p> <p style="padding-left: 40px;">Good condition, no need for repair</p> <p style="padding-left: 40px;">No evidence of erosion</p>	<p>_____</p> <p>_____</p>	<p>_____</p> <p>_____</p>

Inspection Frequency Key Annual, Monthly, After major storm

Action to be taken:

If any of the answers to the above items are checked unsatisfactory, a time frame shall be established for their correction or repair:

No action necessary. Continue routine inspections _____

Correct noted facility deficiencies by _____

Facility repairs were indicated and completed. Site reinspection is necessary to verify corrections.

Site reinspection accomplished on _____

Site reinspection was satisfactory. Next routine inspection is scheduled for approximately:

Signature of Inspector

APPENDIX 7-3

Operation, Maintenance, and Management Inspection Checklist for Filtration Practices

Filtration Facility Maintenance Inspection Report Form

Date _____

Time _____

Project _____

Location _____

Individual Conducting the Inspection _____ "As Built" Plans available Y/N

Warning: If filtration facility has a watertight cover, be careful regarding the possibility of flammable gases within the facility. Care should be taken lighting a match or smoking while inspecting facilities that are not vented.

Inspection frequency shown in parentheses after item being considered

	<u>Satisfactory</u>	<u>Unsatisfactory</u>
1. Debris cleanout (Monthly)		
Contributing areas clean of debris	_____	_____
Filtration facility clean of debris	_____	_____
Inlets and outlets clear of debris	_____	_____
2. Vegetation (Monthly)		
Contributing drainage area stabilized	_____	_____
No evidence of erosion	_____	_____
Area mowed and clippings removed	_____	_____
3. Oil and grease (Monthly)		
No evidence of filter surface clogging	_____	_____
Activities in drainage area minimize oil & grease entry	_____	_____
4. Water retention where required (Monthly)		
Water holding chambers at normal pool	_____	_____
No evidence of leakage	_____	_____
5. Sediment deposition (Annual)		
Filtration chamber clean of sediments	_____	_____
Water chambers not more than 1/2 full of sediments	_____	_____
6. Structural components (Annual)		
No evidence of structural deterioration	_____	_____
Any grates are in good condition	_____	_____
No evidence of spalling or cracking of structural parts	_____	_____
7. Outlets/overflow spillway (Annual)		
Good condition, no need for repair	_____	_____
No evidence of erosion (if draining into a natural channel)	_____	_____

Inspection Frequency Key Annual, Monthly, After major storm

		<u>Satisfactory</u>	<u>Unsatisfactory</u>
8. Overall function of facility	(Annual)		
No evidence of flow bypassing facility		_____	_____
No noticeable odors outside of facility		_____	_____
Inspection Frequency Key	Annual, Monthly, After major storm		

Action to be taken:

If any of the answers to the above items are checked unsatisfactory, a time frame shall be established for their correction or repair

No action necessary. Continue routine inspections _____
Correct noted facility deficiencies by _____

Facility repairs were indicated and completed. Site reinspection is necessary to verify corrections or repairs.

Site reinspection accomplished on _____

Site reinspection was satisfactory. Next routine inspection is scheduled for approximately:

Signature of Inspector

APPENDIX 7-4

Operation, Maintenance, and Management Inspection Checklist for Biofiltration Practices

Biofiltration Facility Maintenance Inspection Report Form

Date _____

Time _____

Project _____

Location _____

Individual Conducting the Inspection _____ "As Built" Plans available Y/N

Inspection frequency shown in parentheses after item being considered

<p>1. Debris cleanout (Monthly)</p> <p style="padding-left: 40px;">Biofilters and contributing areas clean of debris No dumping of yard wastes into biofilter Litter (branches, etc.) have been removed</p>	<p><u>Satisfactory</u></p> <p>_____</p> <p>_____</p> <p>_____</p>	<p><u>Unsatisfactory</u></p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>2. Vegetation (Monthly)</p> <p style="padding-left: 40px;">Plant height not less than design water depth Fertilized per specifications No evidence of erosion Grass height not greater than 6 inches Is plant composition according to approved plans No placement of inappropriate plants</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>3. Dewatering (Monthly)</p> <p style="padding-left: 40px;">Biofilter dewateres between storms No evidence of standing water</p>	<p>_____</p> <p>_____</p>	<p>_____</p> <p>_____</p>
<p>4. Check dams/energy dissipators/sumps (Annual, After Major Storm)</p> <p style="padding-left: 40px;">No evidence of sediment buildup Sumps should not be more than 50% full of sediment No evidence of erosion at downstream toe of drop structures</p>	<p>_____</p> <p>_____</p> <p>_____</p>	<p>_____</p> <p>_____</p> <p>_____</p>
<p>5. Sediment deposition (Annual)</p> <p style="padding-left: 40px;">Swale clean of sediments Sediments should not be > than 20% of swale design depth</p>	<p>_____</p> <p>_____</p>	<p>_____</p> <p>_____</p>
<p>6. Outlets/overflow spillway (Annual, After Major Storm)</p> <p style="padding-left: 40px;">Good condition, no need for repair No evidence of erosion No evidence of any blockages</p>	<p>_____</p> <p>_____</p> <p>_____</p>	<p>_____</p> <p>_____</p> <p>_____</p>
<p>7. Integrity of biofilter (Annual)</p> <p style="padding-left: 40px;">Biofilter has not been blocked or filled inappropriately</p>	<p>_____</p>	<p>_____</p>

Inspection Frequency Key Annual, Monthly, After major storm

Action to be taken:

If any of the answers to the above items are checked unsatisfactory, a time frame shall be established for their correction or repair

No action necessary. Continue routine inspections _____
Correct noted facility deficiencies by _____

Facility repairs were indicated and completed. Site reinspection is necessary to verify corrections.

Site reinspection accomplished on _____

Site reinspection was satisfactory. Next routine inspection is scheduled for approximately:

Signature of Inspector

PUBLIC EDUCATION AND
OUTREACH PLAN FOR: BOROUGH OF TRAINER
Updated: 8/2/2016

	AUDIENCE SIZE	POSSIBLE INFORMATIONAL CONDUITS	CONSTITUENT ORGANIZATIONS	EFFECTIVE METHODS FOR COMMUNICATING
MUNICIPAL EMPLOYEES	<ul style="list-style-type: none"> • Departments: Borough • Council-8 • Stantec Consulting-6 	<ul style="list-style-type: none"> • Publications: Borough newsletter, paycheck, interoffice memorandum, • Website: www.trainerboro.com • Central information: Bulletin Boards in Borough Buildings, staff meetings • Public meetings • CRC; a non-profit environmental organization that encourages volunteers to participate in activities and events consistent with permit guidelines 		Informational materials given to the Borough Representatives and department heads, who review and forward to the various employees via bulletin boards at Borough Hall lobby, newsletters, or individual mail box bins.
RESIDENTS	<ul style="list-style-type: none"> • Population 1860 • Total housing units 704 	<ul style="list-style-type: none"> ▪ Publications: Borough Newsletter ▪ Website: www.trainerboro.com ▪ Great American Cleanup of Pennsylvania website: http://www.gacofpa.org/ ▪ Borough representatives ▪ Borough Engineer ▪ CRC website: http://crcwatersheds.org 	Environmental Advisory Council	Borough and Borough Engineer provides MS4 information to residents through their website, newsletters, postings, public meetings, seminars and workshops.
SCHOOLS	<ul style="list-style-type: none"> • Chichester School District 4 Elementary Schools-1331: • Hilltop, Linwood, Marcus Hook, Boothwyn • Chichester Middle-1001 • Chichester High- 989 	<ul style="list-style-type: none"> • Website: http://www.chichestersd.org/ • School has email distribution list for district news. • Chi Channel Number 11 Comcast Cable • Borough representatives • CRC 		Provide school board officials, principals, and administrators with educational information that they can distribute to students.
BUSINESSES	Businesses:	Delaware County Chamber of Commerce newsletter Borough Representatives CRC	Associations: Better Business Bureau, Delaware County Chamber of Commerce	Distribute the Borough Newsletter with MS4 advertisements businesses located in the Borough. Advertisements in Chamber's newsletter in order to target various businesses.
DEVELOPERS	Developers:	Developers contact the Borough Office to find development requirements.	Delaware County Chamber of Commerce.	The Borough Engineer and Borough representatives will continue to distribute stormwater information to developers and their consultants during development applications.

PUBLIC INVOLVEMENT AND
PARTICIPATION PLAN FOR:
BOROUGH OF TRAINER
Updated: 8/2/2016

	CONSTITUENT ORGANIZATIONS	ASSOCIATED VOLUNTEER PROGRAMS	PROGRAM DEFINITIONS	COMMUNITY INTEGRATION WITH EXISTING VOLUNTEER PROGRAMS	HYPERLINK
MUNICIPAL EMPLOYEES	AFSCME Union	Marcus Hook - Trainer Fire Department CRC Great American Cleanup of PA	The CRC is a non-profit environmental organization that encourages volunteers to participate in activities and events consistent with permit guidelines. The Great American Cleanup of PA is a volunteer organization sponsored by DEP and PENNDOT that encourages volunteers to organize groups to participate in stream and highway clean-ups.	Municipal employees are familiar with the ordinances/sections of ordinances that pertain to the MS4 requirements, enabling them to enforce them throughout their community, as well as convey these requirements to developers and the community. Municipal employees attend training / educational seminars which will place them in a better position to promote permit requirements. Municipal representatives participate in stream clean-ups.	http://www.mhfd32.com/ http://www.crcwatersheds.org http://www.gacofpa.org/
RESIDENTS		Marcus Hook, Trainer, Lower Chichester Environmental Advisory Committee CRC Great American Cleanup of PA	The CRC (see above). Great American Cleanup of PA (see above)	The Borough and Borough Engineer through advertising and public notices encourages volunteers to participate in MS4 related events including those sponsored by the Great PA Cleanup and CRC, such as stream clean-ups, seminars, etc. The Borough Engineer will give a minimum of one public presentation per year regarding the MS4 program and accomplishments.	http://www.crcwatersheds.org http://www.gacofpa.org/
SCHOOLS	Chichester Area School District	Boy/Girl Scouts CRC Great American Cleanup of PA	Boy/Girl Scouts organizations initiate multiple community activities within the Borough. The CRC (see above) Great American Cleanup of PA (see above).	The Borough through advertising and public notices encourages the Boy/Girl Scouts to participate in MS4 activities such as stream clean-ups. The Borough forwards CRC provided letter and response form to local schools to ensure school car washes meet DEP guidelines and will provide other available materials.	http://www.crcwatersheds.org http://www.gacofpa.org/
BUSINESSES	Better Business Bureau; Delaware County Historical Society	CRC Great American Cleanup of PA	The CRC (see above) Great American Cleanup of PA (see above)	The Borough forwards the CRC provided letter with response form and environmental compliance check-list to local automobile dealerships requesting their participation in MS4 events. Distribute other available MS4 information.	http://www.crcwatersheds.org http://www.gacofpa.org/
DEVELOPERS	The Home Builders' Association of Chester and Delaware Counties, Chamber of Commerce.	Habitat for Humanity	Habitat for humanity is comprised of resident volunteers that build several homes a year for underprivileged individuals. The CRC (see above) Great American Cleanup of PA (see above)	Developers will directly participate in the program by employing BMP's that comply with the ordinance/ordinance sections that pertain to NPDES phase II requirements.	https://hbacdc-pa.builderfusion.com/bf/website/calendar.jsp

Follow-up Screening of Outfall 1400

Outfall 1400 was screened on 8/20/2014. Visual inspection of the outfall found cloudiness, corrosion of the outfall pipe and oil sheen in the pool below. A sample was taken and sent to the lab. The results of sampling yielded 420 MPN/100mL E.Coli and 600 CFU/100mL Fecal Coliform (see other parameters attached). These values required us to re-screen the outfall. In August of this year, the outfall was re-screened. At the time of submission, we are currently evaluating the results.

Trainer Borough: Outfall 1400

Sample Date: 2014-08-20

Parameter	I-param incl IDDE, D-param incl. DEP	Sample Result		Conversion		Benchmark		Remarks
		Value	Unit	Value	Unit	Value	Unit	
Color	I, D					Visual		
Oil and Grease						Visual		
TPH						Visual		
TDS						Visual		
TSS						Visual		
Turbidity	I, D					Visual	IDDE	
Ammonia	I	0.1	mg/L			>50 ²	mg/L	
Chlorine	I, D					>0		
Conductivity (Specific Conductance)	I	440	umhos/cm	440	uS/cm	>2000 ²	uS/cm	
Fluoride	I	ND (<0.2)	mg/L			>0.25 ¹	mg/L	
Potassium	I	3850	ug/L	3.85	mg/L	>20 ³	mg/L	
Ammonia / Potassium Ratio	I	0.026				>1.0		
Surfactants (MBAS Surfactants)	I, D	0.16	mg/L			>0.25 ¹	mg/L	
E. Coli	I	420	MPN/100mL			>1,000 ³	MPN/100mL	DEP 200<1000 resample, >1,000 investigate
Fecal Coliform	I	600	CFU/100mL			>1,000 ³	CFU/100mL	DEP 200<1000 resample, >1,000 investigate
pH	I, D	6.8				<5 or >9 ²		

Positive Test Result

1,000 micrograms (ug) = 1 milligram (mg)

1 = Values taken from *Illicit Discharge Detection and Elimination: A Guidance Manual pg. 131*

2 = Values taken from *Illicit Discharge Detection and Elimination: A Guidance Manual pg. 134*

3 = Values taken from IDDE p 51 for sub-watersheds

4 = Values taken from PA DEP letter 3/24/2005

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>500 200</u>	
Today's date: <u>8-20-14</u>		Time (Military): <u>0818</u>	
Investigators: <u>DM EK</u>		Form completed by: <u>DM</u>	
Temperature (°F): <u>76°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #s: <u>6137 - 6140</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>24 in</u> Depth: _____ Top Width: _____ Bottom Width: _____	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____		
<input type="checkbox"/> In-Stream	(applicable when collecting samples)				
Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If No, Skip to Section 5			
Flow Description (If present)	<input checked="" type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
	PARAMETER	RESULT	UNIT	EQUIPMENT
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
<input type="checkbox"/> Flow #2	Flow depth		In	Tape measure
	Flow width	___' ___"	Ft, In	Tape measure
	Measured length	___' ___"	Ft, In	Tape measure
	Time of travel		S	Stop watch
	Temperature		°F	Thermometer
	pH		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Sulfide <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Other: _____ <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Clear <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other: _____	<input type="checkbox"/> 1 - Faint <input type="checkbox"/> 2 - Easily detected <input type="checkbox"/> 3 - Noticeable from a distance <input type="checkbox"/> 1 - Paint colors in sample bottle <input type="checkbox"/> 2 - Clearly visible in sample bottle <input type="checkbox"/> 3 - Clearly visible in outfall flow <input type="checkbox"/> 1 - Slight cloudiness <input type="checkbox"/> 2 - Cloudy <input type="checkbox"/> 3 - Opaque
Color	<input type="checkbox"/>	See severity <input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Petrolseum (oil sheen) <input type="checkbox"/> Suds <input type="checkbox"/> Other: _____	<input type="checkbox"/> 1 - Few/slight; origin not obvious <input type="checkbox"/> 2 - Some indications of origin (e.g., possible suds or oil sheen) <input type="checkbox"/> 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 - Slight cloudiness <input type="checkbox"/> 2 - Cloudy <input type="checkbox"/> 3 - Opaque
Floatables -Does Not Include Trash!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Petrolseum (oil sheen) <input type="checkbox"/> Suds <input type="checkbox"/> Other: _____	<input type="checkbox"/> 1 - Few/slight; origin not obvious <input type="checkbox"/> 2 - Some indications of origin (e.g., possible suds or oil sheen) <input type="checkbox"/> 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls
Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Corrosion <input type="checkbox"/> Peeling Paint	
Deposits/Stains	<input checked="" type="checkbox"/>	<input type="checkbox"/> Oily <input checked="" type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other: _____	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Other: _____	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other: _____	

Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No

2. If yes, collected from: Flow Pool

3. Intermittent flow trap set? Yes No If Yes, type: OBM Cank dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>300</u>	
Today's date: <u>8-20-14</u>		Time (Military): <u>0915</u>	
Investigators: <u>DM EK</u>		Form completed by: <u>DM</u>	
Temperature (°F): <u>76°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #s: 6159 <u>6159-6160</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall, if known): <u>inlets along 10th Street</u>			

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> CMP <input type="checkbox"/> HDPE	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>18in. x 24in.</u>	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____		
<input type="checkbox"/> In-Stream	(applicable when collecting samples)					
Flow Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <i>If No, Skip to Section 5</i>				
Flow Description (If present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial					

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER	RESULT	UNIT	EQUIPMENT	
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
<input type="checkbox"/> Flow #2	Flow depth		In	Tape measure
	Flow width	___' ___"	Ft, In	Tape measure
	Measured length	___' ___"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature		°F	Thermometer	
pH		pH Units	Test strip/Probe	
Ammonia		mg/L	Test strip	

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
			1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Yellow <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floatables (Does Not Include Trash)	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Sludge <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input checked="" type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion	rusting of pipe and apron
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Sludge <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

- Sample for the lab? Yes No
- If yes, collected from: Flow Pool
- Intermittent flow trap set? Yes No
If Yes, type: OBM Caulk dam

Section 8: Any Non-Ilicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>500</u>	
Today's date: <u>8-20-14</u>		Time (Military): <u>0828</u>	
Investigators:		Form completed by:	
Temperature (°F): <u>76F</u>	Rainfall (in.): Last 24 hours: <input type="radio"/> Last 48 hours: <input type="radio"/>		
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #s: <u>6141 + 6144</u>	
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input checked="" type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input type="checkbox"/> Circular <input checked="" type="checkbox"/> Single <input checked="" type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>36in - 48in</u>	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	
<input type="checkbox"/> In-Stream	(applicable when collecting samples)			
Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>If No, Skip to Section 3</i>		
Flow Description (if present)	<input type="checkbox"/> Trickle <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
	PARAMETER	RESULT	UNIT	EQUIPMENT
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
<input type="checkbox"/> Flow #2	Flow depth		In	Tape measure
	Flow width	_____'	Ft, In	Tape measure
	Measured length	_____'	Ft, In	Tape measure
	Time of travel		S	Stop watch
	Temperature		°F	Thermometer
	pH		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Faint <input type="checkbox"/> 2 - Easily detected <input type="checkbox"/> 3 - Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Faint colors in sample bottle <input type="checkbox"/> 2 - Clearly visible in sample bottle <input type="checkbox"/> 3 - Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 - Slight cloudiness <input type="checkbox"/> 2 - Cloudy <input type="checkbox"/> 3 - Opaque
Floatables - Does Not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Suds <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Few/slight; origin not obvious <input type="checkbox"/> 2 - Some; indications of origin (e.g., possible suds or oil sheen) <input type="checkbox"/> 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Corrosion <input type="checkbox"/> Peeling Paint	Pipe rusting - carbon rusting and pitting through
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Only <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No

2. If yes, collected from: Flow Pool

3. Intermittent flow trap set? Yes No OBM Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: 600	
Today's date: 8-20-14		Time (Military): 0909	
Investigators: DM EK		Form completed by: DM	
Temperature (°F): 76°	Rainfall (in.): Last 24 hours: 0 Last 48 hours: 0		
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #s: 6154, 6155, 6158	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known): inlet from 12 th Street			

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input checked="" type="checkbox"/> Box <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>24" x 24"</u> Depth: _____ Top Width: _____ Bottom Width: _____	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____		
<input type="checkbox"/> In-Stream	(applicable when collecting samples)				
Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If No, Skip to Section 5			
Flow Description (If present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
	PARAMETER	RESULT	UNIT	EQUIPMENT
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
<input type="checkbox"/> Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
	Temperature		°F	Thermometer
	pH		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Petrochemical/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Faint <input type="checkbox"/> 2 - Easily detected <input type="checkbox"/> 3 - Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Paint colors in sample bottle <input type="checkbox"/> 2 - Clearly visible in sample bottle <input type="checkbox"/> 3 - Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 - Slight cloudiness <input type="checkbox"/> 2 - Cloudy <input type="checkbox"/> 3 - Opaque
Floatables -Does Not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Sluds <input type="checkbox"/> Petrochemical (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Few/slight; origin not obvious <input type="checkbox"/> 2 - Some; indications of origin (e.g., possible sluds or oil sheen) <input type="checkbox"/> 3 - Some; origin clear (e.g., obvious oil sheen, sluds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls
Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Sealing, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion	
Deposits/Sludge	<input checked="" type="checkbox"/>	<input type="checkbox"/> Only <input checked="" type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	graffiti
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Sluds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No

2. If yes, collected from: Flow Pool

3. Intermittent flow trap set? Yes No If Yes, type: OBM Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>700</u>	
Today's date: <u>8-20-14</u>		Time (Military): <u>0920</u>	
Investigators: <u>DM EK</u>		Form completed by: <u>DM</u>	
Temperature (°F): <u>76°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #: <u>6154, 6157, 6158</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall, if known): <u>intels from 12th Street</u>			

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input checked="" type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>24 in</u> Depth: _____ Top Width: _____ Bottom Width: _____	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____		
<input type="checkbox"/> In-Stream	(applicable when collecting samples)				
Flow Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<i>If No, Skip to Section 3</i>		
Flow Description (if present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
	PARAMETER	RESULT	UNIT	EQUIPMENT
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
<input type="checkbox"/> Flow #2	Flow depth		In	Tape measure
	Flow width	___' ___"	Ft, In	Tape measure
	Measured length	___' ___"	Ft, In	Tape measure
	Time of travel		S	Stop watch
	Temperature		°F	Thermometer
	pH		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Petrol/sulfides <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Faint <input type="checkbox"/> 2 - Easily detected <input type="checkbox"/> 3 - Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Faint colors in sample bottle <input type="checkbox"/> 2 - Clearly visible in sample bottle <input type="checkbox"/> 3 - Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 - Slight cloudiness <input type="checkbox"/> 2 - Cloudy <input type="checkbox"/> 3 - Opaque
Floatables -Does Not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Sands <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Few/light; origin not obvious <input type="checkbox"/> 2 - Some indications of origin (e.g., possible sands or oil sheen) <input type="checkbox"/> 3 - Some, origin clear (e.g., obvious oil sheen, sand, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion	
Deposits/Stains	<input checked="" type="checkbox"/>	<input type="checkbox"/> Oily <input checked="" type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Sands <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

- Sample for the lab? Yes No
- If yes, collected from: Flow Pool
- Intermittent flow trap set? Yes No If Yes, type: OEM Canik dam

Section 8: Any Non-Ilicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: 1300	
Today's date: 8-20-14		Time (Military): 0825	
Investigators: DM EK		Form completed by: DM	
Temperature (°F): 76	Rainfall (in.): Last 24 hours: 0 Last 48 hours: 0		
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #: 6142-6144	
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Circular <input checked="" type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: 18-24 in	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	
<input type="checkbox"/> In-Stream	(applicable when collecting samples)			
Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If No, Skip to Section 5</i>			
Flow Description (If present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
	PARAMETER	RESULT	UNIT	EQUIPMENT
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
<input type="checkbox"/> Flow #2	Flow depth		In	Tape measure
	Flow width	___' ___"	Ft, In	Tape measure
	Measured length	___' ___"	Ft, In	Tape measure
	Time of travel		S	Stop watch
	Temperature		°F	Thermometer
	pH		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Sulfide <input type="checkbox"/> Fertilizers <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Faint <input type="checkbox"/> 2 - Easily detected <input type="checkbox"/> 3 - Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Gray <input type="checkbox"/> Red <input type="checkbox"/> Yellow <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Paint colors in sample bottle <input type="checkbox"/> 2 - Clearly visible in sample bottle <input type="checkbox"/> 3 - Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 - Slight cloudiness <input type="checkbox"/> 2 - Cloudy <input type="checkbox"/> 3 - Opaque
Floating Debris -Does Not include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Petroleum (oil sheeps) <input type="checkbox"/> Suds <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Fertilizer; origin not obvious <input type="checkbox"/> 2 - Same; indications of origin (e.g., possible suds or oil sheeps) <input type="checkbox"/> 3 - Same; origin clear (e.g., obvious oil sheeps, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Corrosion <input type="checkbox"/> Peeling Paint	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Suds <input type="checkbox"/> Colors <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Oil Sheeps <input type="checkbox"/> Other:	
Pipe bacterial growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No

2. If yes, collected from: Flow Pool

3. Intermittent flow trap set? Yes No If Yes, type: OEM Canik dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:	Outfall ID: 1400
Today's date: 8/20/14	Time (Military): 0953
Investigators: DM EK	Form completed by: DM
Temperature (°F): 76	Rainfall (in.): Last 24 hours: 0 Last 48 hours: 0
Latitude:	Longitude:
Camera:	GPS Unit:
	GPS LMK #:
	Photo #: 6163 - 6168
Land Use in Drainage Area (Check all that apply):	
<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Open Space
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional
<input checked="" type="checkbox"/> Suburban Residential	Other: _____
<input checked="" type="checkbox"/> Commercial	Known Industries: _____
Notes (e.g., origin of outfall, if known): inlets along nearby Blvd	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input checked="" type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: 18-24 in	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____		
<input type="checkbox"/> In-Stream	(applicable when collecting samples)				
Flow Present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If No, Skip to Section 5		
Flow Description (If present)	<input checked="" type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial		

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER	RESULT	UNIT	EQUIPMENT	
<input checked="" type="checkbox"/> Flow #1	Volume	1 gal = 3.785 L	Liter	Bottle
	Time to fill	1.085 min = 65 s	Sec	
<input type="checkbox"/> Flow #2	Flow depth		In	Tape measure
	Flow width	___' ___"	Ft, In	Tape measure
	Measured length	___' ___"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature		°F	Thermometer	
pH	6.8	pH Units	Test strip/Probe	
Ammonia		mg/L	Test strip	

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
			1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turbidity	<input checked="" type="checkbox"/>	See severity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floatables -Does Not include Trash!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Wetlet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls
Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input checked="" type="checkbox"/> Corrosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oil <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	rusting of pipe
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input checked="" type="checkbox"/>	<input type="checkbox"/> Colors <input checked="" type="checkbox"/> Frotable <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No

2. If yes, collected from: Flow Pool

3. Intermittent flow trap set? Yes No If Yes, type: OBM Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: 1500	
Today's date: 8-20-14		Time (Military): 0919	
Investigators: DM EK		Form completed by: DM	
Temperature (°F): 76°F	Rainfall (in.): Last 24 hours: 0 Last 48 hours: 0		
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #s: 6161, 6162	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known): inlets on 10th street			

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input checked="" type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Circular <input checked="" type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: 24 in	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	
<input type="checkbox"/> In-Stream	(applicable when collecting samples)			
Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If No, Skip to Section 5	
Flow Description (If present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
	PARAMETER	RESULT	UNIT	EQUIPMENT
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
<input type="checkbox"/> Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
	Temperature		°F	Thermometer
	pH		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
			1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Sulfide <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Gray <input type="checkbox"/> Red <input type="checkbox"/> Yellow <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floatables -Does Not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Suds <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls
Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Corrosion <input type="checkbox"/> Peeling Paint	
Deposits/Stains	<input checked="" type="checkbox"/>	<input type="checkbox"/> Oily <input checked="" type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Suds <input type="checkbox"/> Colors <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

1. Sample for the lab? Yes No

2. If yes, collected from: Flow Pool

3. Intermittent flow trap set? Yes No If Yes, type: OEM Camk team

Section 8: Any Non-Ilicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: <u>1600</u>	
Today's date: <u>8-20-14</u>		Time (Military): <u>0900</u>	
Investigators: <u>DM EK</u>		Form completed by: <u>DM</u>	
Temperature (°F): <u>76°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #: <u>6150 - 6152</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space		
<input type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional		
<input checked="" type="checkbox"/> Suburban Residential	Other: _____		
<input type="checkbox"/> Commercial	Known Industries: _____		
Notes (e.g., origin of outfall, if known): <u>inlets from 13th Street</u>			

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>24-30 in</u>	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	
<input type="checkbox"/> In-Stream	(applicable when collecting samples)			
Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If No, Skip to Section 5		
Flow Description (if present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER	RESULT	UNIT	EQUIPMENT	
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
<input type="checkbox"/> Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature		°F	Thermometer	
pH		pH Units	Test strip/Probe	
Ammonia		mg/L	Test strip	

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

INDICATOR	CHECKIT Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
			1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Color	<input type="checkbox"/>	<input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floatables -Does Not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECKIT Present	DESCRIPTION	COMMENTS
Outfall Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Corrosion <input type="checkbox"/> Peeling Paint	end wall cracked and pieces missing
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Clay <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhabited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Fixables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

1. Sample for the lab?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. If yes, collected from:	<input type="checkbox"/> Flow <input type="checkbox"/> Pool
3. Intermittent flow trap set?	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Casualt dam

Section 8: Any Non-Ilicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID: 1700	
Today's date: 8-20-14		Time (Military): 0832	
Investigators: DM EK		Form completed by: DM	
Temperature (°F): 76°	Rainfall (in.): Last 24 hours: 0 Last 48 hours: 6		
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #: 6146-6148	
Land Use in Drainage Area (Check all that apply):			
<input checked="" type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____ <input checked="" type="checkbox"/> CMP <input type="checkbox"/> HDPE	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: _____ <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: 24-36 in	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	
<input type="checkbox"/> In-Stream	(applicable when collecting samples)			
Flow Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If No, Skip to Section 5	
Flow Description (if present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER	RESULT	UNIT	EQUIPMENT	
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
<input type="checkbox"/> Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature		°F	Thermometer	
pH		pH Units	Test strip/Probe	
Ammonia		mg/L	Test strip	

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

INDICATOR	CHECK # Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
			1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Sulfide <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Gray <input type="checkbox"/> Red <input type="checkbox"/> Yellow <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floatables - Does Not Include Trash!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Suds <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls
Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK # Present	DESCRIPTION	COMMENTS
Outfall Damages	<input checked="" type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Corrosion <input type="checkbox"/> Peeling Paint	erosion beneath endwall
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

- Sample for the lab? Yes No
- If yes, collected from: Flow Pool
- Intermittent flow trap set? Yes No If Yes, type: OBM Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?



BMP Maintenance Inspection

Project: Lot 13 Tri-State Business Center

Project No. 2005-602-03
176710093

Owner: AAA Group, L.P.

Date: 08/20/2014

Location: 2 Nealy Blvd.,
Trainer, PA

BMP CLAIM 02

Page 1 of 2

Weather: Sunny, mid 70's.

Type of BMP's On Site:

- Infiltration Bed/Trenches
- Infiltration/Detention Basin
- Rain Garden
- Level Spreader/Discharge Structures
- Vegetated Swales
- Water Quality Inlets
- Other _____

Maintenance Items:

Infiltration Trench	
Inlet/Outlets clear of debris, sediment	No inlets
Inlet/Outlets structural integrity (sinkholes, cracks in structure, collapse)	No inlets
Standing Water inside Infiltration Bed	Some ponding at surface above south end of infiltration trench
Infiltration bed interior in good condition (structural condition, sediment present?)	No cleanouts or inlets in trench to check interior condition
Upstream Structures in good order	No upstream structures for trench
Infiltration/Detention Basin	
Basin Banks Stable/Vegetated	Stabilized, overgrowth
Sediment in basin bottom (describe extent)	Standing water in basin
Rip-Rap Condition (sediment build up, trash, erosion)	Rip-Rap in good condition
Inlet/Outlet structures clear of debris, sediment, overgrowth	Outlet structures of basin is overgrown by vegetation.
Debris in Basin	
Good Vegetative Cover	Good vegetative cover
Standing Water Present	Standing water in basin.
Rain Garden	
Side Slopes Stable	
Sediment in basin bottom (describe extent)	
Debris in Basin	

Good Vegetative Cover	
Standing Water Present	
Level Spreader/Discharge Structures	
Stone Condition (sediment build up, trash, overgrowth)	
Debris Present	
Vegetated Swales	
Erosion Present	
Good Vegetative Cover	
Debris Present	
Water Quality Inlets	
Water Quality structure in good condition	
Debris noted in structure	

The following additional items were noted:

- In some areas, trench drains are covered by steps as can be seen in photos.

Inspection Results:

- No visible or apparent problems with BMP function. BMP appears to be well maintained
- BMP observed to have significant flaws which lessen its effectiveness as a stormwater treatment measure
- BMP destroyed, removed, or eliminated from property.
- Trash and debris accumulates within and/or on BMP; trash and debris interferes with proper BMP function.
- Access to BMP obstructed or limited
- BMP cannot be located for inspection

The following maintenance is needed at this time:

Action Items:

- Photos taken and placed into project directory.

Prepared By: David Marsh

Print Name

Signature

Project: 2 Neshy Blvd.
 Owner: AAA Group, L.P.

Project No. 176710033
 Date: 11/4/2015

Location: TRAFNER, PA

Page 1 of 2

Weather: Sunny, high 70's.

Type of BMP's On Site:

- Infiltration Bed/Trenches
- Infiltration/Detention Basin
- Rain Garden
- Level Spreader/Discharge Structures
- Vegetated Swales
- Water Quality Inlets
- Other _____

Maintenance Items:

BMP-001 and BMP-002

Infiltration Bed	
Inlet/Outlets clear of debris, sediment	
Inlet/Outlets structural integrity (sinkholes, cracks in structure, collapse)	
Standing Water inside Infiltration Bed	
Infiltration bed interior in good condition (structural condition, sediment present?)	
Upstream Structures in good order	
Infiltration/Detention Basin	
Basin Banks Stable/Vegetated	Yes
Sediment in basin bottom (describe extent)	some debris
Rip-Rap Condition (sediment build up, trash, erosion)	vegetative growth thru stone
Inlet/Outlet structures clear of debris, sediment, overgrowth	basin outlet/inlet are overgrown
Debris in Basin	no
Good Vegetative Cover	Yes / slightly overgrown
Standing Water Present	Yes
Rain Garden	
Side Slopes Stable	
Sediment in basin bottom (describe extent)	
Debris in Basin	
Good Vegetative Cover	no
Standing Water Present	

Level Spreader/Discharge Structures	
Stone Condition (sediment build up, trash, overgrowth)	some leaves in rip rap
Debris Present	
Vegetated Swales	
Erosion Present	minimal erosion present
Good Vegetative Cover	minimal erosion present
Debris Present	no debris
Water Quality Inlets	
Water Quality structure in good condition	
Debris noted in structure	

The following additional items were noted:

Inspection Results:

- No visible or apparent problems with BMP function. BMP appears to be well maintained
- BMP observed to have significant flaws which lessen its effectiveness as a stormwater treatment measure
- BMP destroyed, removed, or eliminated from property.
- Trash and debris accumulates within and/or on BMP; trash and debris interferes with proper BMP function.
- Access to BMP obstructed or limited
- BMP cannot be located for inspection

The following maintenance is needed at this time:

Action Items:

Prepared By:

David Marsh

Print Name



Signature

Project: Z Nealy Blvd.
 Owner: AAA Group, L.P.

Project No. 1767100³83
 Date: 4/28/2016

Location: Trainer, PA

Page 1 of 2

Weather: Rain, low 50's.

Type of BMP's On Site:

- Infiltration Bed/Trenches
- Infiltration/Detention Basin
- Rain Garden
- Level Spreader/Discharge Structures
- Vegetated Swales
- Water Quality Inlets
- Other _____

Maintenance Items:

BMP-001 AND BMP-002

Infiltration Bed	
Inlet/Outlets clear of debris, sediment	
Inlet/Outlets structural integrity (sinkholes, cracks in structure, collapse)	
Standing Water inside Infiltration Bed	
Infiltration bed interior in good condition (structural condition, sediment present?)	
Upstream Structures in good order	
Infiltration/Detention Basin	
Basin Banks Stable/Vegetated	Yes
Sediment in basin bottom (describe extent)	Some
Rip-Rap Condition (sediment build up, trash, erosion)	Vegetative growth.
Inlet/Outlet structures clear of debris, sediment, overgrowth	Areas overgrown, some trash in firebay.
Debris in Basin	Piece of plywood.
Good Vegetative Cover	Yes, a little overgrown.
Standing Water Present	Yes
Rain Garden	
Side Slopes Stable	
Sediment in basin bottom (describe extent)	
Debris in Basin	
Good Vegetative Cover	
Standing Water Present	

Level Spreader/Discharge Structures	
Stone Condition (sediment build up, trash, overgrowth)	
Debris Present	
Vegetated Swales	
Erosion Present	minor erosion in infiltration trench, ponding water
Good Vegetative Cover	minor erosion / ponding water
Debris Present	no
Water Quality Inlets	
Water Quality structure in good condition	
Debris noted in structure	

The following additional items were noted:

- Some leaves and soil hindering flow in the trench drains.
- Leaves/sediment in I-1, I-3, I-8 (trash on grate; possibly something blocking flow in half the outlet pipe, also silt around grate on concrete road surface).

Inspection Results:

- No visible or apparent problems with BMP function. BMP appears to be well maintained
- BMP observed to have significant flaws which lessen its effectiveness as a stormwater treatment measure
- BMP destroyed, removed, or eliminated from property.
- Trash and debris accumulates within and/or on BMP; trash and debris interferes with proper BMP function.
- Access to BMP obstructed or limited
- BMP cannot be located for inspection

The following maintenance is needed at this time:

Action Items:

- Photos placed in project file.
- Notify owner.

Prepared By:

Chad Farlow

Print Name

Chad Farlow

Signature

Project: A & R Ironworks, Inc.
 Owner: A & R Ironworks, Inc. / Guy V. Romero
 Location: 22 Nealy Blvd.,
 Trainer, PA

Project No. 176710161
 Date: 08/20/2014

Page 1 of 2

BU 17 03

Weather: Sunny, mid 70's.

- Type of BMP's On Site:**
- Infiltration Bed/Trenches
 - Infiltration/Detention Basin
 - Rain Garden
 - Level Spreader/Discharge Structures
 - Vegetated Swales
 - Water Quality Inlets
 - Other _____

Maintenance Items:

Infiltration Bed	
Inlet/Outlets clear of debris, sediment	No debris with structures of bed
Inlet/Outlets structural integrity (sinkholes, cracks in structure, collapse)	Good condition
Standing Water inside Infiltration Bed	Minimal standing water in inlet manhole for bed
Infiltration bed interior in good condition (structural condition, sediment present?)	No visible sediment and debris within bed
Upstream Structures in good order	Debris floating in new manhole, minimal debris in upstream inlets
Infiltration/Detention Basin	
Basin Banks Stable/Vegetated	
Sediment in basin bottom (describe extent)	
Rip-Rap Condition (sediment build up, trash, erosion)	
Inlet/Outlet structures clear of debris, sediment, overgrowth	
Debris in Basin	
Good Vegetative Cover	
Standing Water Present	
Rain Garden	
Side Slopes Stable	
Sediment in basin bottom (describe extent)	
Debris in Basin	

Good Vegetative Cover	
Standing Water Present	
Level Spreader/Discharge Structures	
Stone Condition (sediment build up, trash, overgrowth)	
Debris Present	
Vegetated Swales	
Erosion Present	
Good Vegetative Cover	
Debris Present	
Water Quality Inlets	
Water Quality structure in good condition	
Debris noted in structure	

The following additional items were noted:

- Additional manhole placed between inlet #1 and manhole #2.
- Snouts not installed on inlets #1 and #2, but a snout is installed on the new manhole that is not on the plans.

Inspection Results:

- No visible or apparent problems with BMP function. BMP appears to be well maintained
- BMP observed to have significant flaws which lessen its effectiveness as a stormwater treatment measure
- BMP destroyed, removed, or eliminated from property.
- Trash and debris accumulates within and/or on BMP; trash and debris interferes with proper BMP function.
- Access to BMP obstructed or limited
- BMP cannot be located for inspection

The following maintenance is needed at this time:

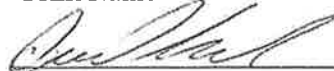
- Remove trash and debris from new manhole.

Action Items:

- Photos taken and placed into project directory.

Prepared By: David Marsh

Print Name



Signature

Project: **A+R Ironworks Lot 6**

 Project No. **176710033**

 Owner: **A+R Ironworks**
 @ **Cyr V. Romero**

 Date: **11/4/2015**

 Location: **Trainer, PA**

 Page **1** of **2**
Weather: *Sunny, high 70's*
Type of BMP's On Site:

- Infiltration Bed/Trenches
- Infiltration/Detention Basin
- Rain Garden
- Level Spreader/Discharge Structures
- Vegetated Swales
- Water Quality Inlets
- Other _____

Maintenance Items:

Infiltration Bed	
Inlet/Outlets clear of debris, sediment	<i>some trash/debris</i>
Inlet/Outlets structural integrity (sinkholes, cracks in structure, collapse)	<i>none</i>
Standing Water inside Infiltration Bed	<i>None</i>
Infiltration bed interior in good condition (structural condition, sediment present?)	<i>no settling or damage visible</i>
Upstream Structures in good order	<i>MH prior to bed has trash + debris</i>
Infiltration/Detention Basin	
Basin Banks Stable/Vegetated	
Sediment in basin bottom (describe extent)	
Rip-Rap Condition (sediment build up, trash, erosion)	
Inlet/Outlet structures clear of debris, sediment, overgrowth	
Debris in Basin	
Good Vegetative Cover	
Standing Water Present	
Rain Garden	
Side Slopes Stable	
Sediment in basin bottom (describe extent)	
Debris in Basin	
Good Vegetative Cover	
Standing Water Present	

Level Spreader/Discharge Structures	
Stone Condition (sediment build up, trash, overgrowth)	overgrown / could not locate
Debris Present	
Vegetated Swales	
Erosion Present	
Good Vegetative Cover	
Debris Present	
Water Quality Inlets	
Water Quality structure in good condition	
Debris noted in structure	

The following additional items were noted:

Inspection Results:

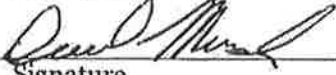
- No visible or apparent problems with BMP function. BMP appears to be well maintained
- BMP observed to have significant flaws which lessen its effectiveness as a stormwater treatment measure
- BMP destroyed, removed, or eliminated from property.
- Trash and debris accumulates within and/or on BMP; trash and debris interferes with proper BMP function.
- Access to BMP obstructed or limited
- BMP cannot be located for inspection

The following maintenance is needed at this time:

- Clear vegetation around bed discharge

Action Items:

Prepared By: David Marsh
 Print Name


 Signature

Project: *A + B Ironworks Lot G*
 Owner: *Guy Romero*

Project No. *176710033*
 Date: *5/2/2016*

Location: *Trainer, PA*

Page *1* of *2*

Weather:

Type of BMP's On Site:

- Infiltration Bed/Trenches
- Infiltration/Detention Basin
- Rain Garden
- Level Spreader/Discharge Structures
- Vegetated Swales
- Water Quality Inlets
- Other _____

Maintenance Items:

Infiltration Bed	
Inlet/Outlets clear of debris, sediment	<i>some trash/debris</i>
Inlet/Outlets structural integrity (sinkholes, cracks in structure, collapse)	<i>none</i>
Standing Water inside Infiltration Bed	
Infiltration bed interior in good condition (structural condition, sediment present?)	
Upstream Structures in good order	<i>MH prior to bed has trash/debris and standing water</i>
Infiltration/Detention Basin	
Basin Banks Stable/Vegetated	
Sediment in basin bottom (describe extent)	
Rip-Rap Condition (sediment build up, trash, erosion)	
Inlet/Outlet structures clear of debris, sediment, overgrowth	
Debris in Basin	
Good Vegetative Cover	
Standing Water Present	
Rain Garden	
Side Slopes Stable	
Sediment in basin bottom (describe extent)	
Debris in Basin	
Good Vegetative Cover	
Standing Water Present	

Level Spreader/Discharge Structures	
Stone Condition (sediment build up, trash, overgrowth)	overgrown / pipe barely visible
Debris Present	
Vegetated Swales	
Erosion Present	
Good Vegetative Cover	
Debris Present	
Water Quality Inlets	
Water Quality structure in good condition	
Debris noted in structure	

The following additional items were noted:

Inspection Results:

- No visible or apparent problems with BMP function. BMP appears to be well maintained
- BMP observed to have significant flaws which lessen its effectiveness as a stormwater treatment measure
- BMP destroyed, removed, or eliminated from property.
- Trash and debris accumulates within and/or on BMP; trash and debris interferes with proper BMP function.
- Access to BMP obstructed or limited
- BMP cannot be located for inspection

The following maintenance is needed at this time:

- clear vegetation around discharge

Action Items:

- photos placed in file

Prepared By:

Chad Farlow
Print Name

Signature

Project: Trainer Pointe
 Owner: Trainer Pointe Development
 Location: Trainer, PA

Project No. 176710175
 Date: 9/18/2015

Weather: Sunny, low 80's.

- Type of BMP's On Site:**
- Infiltration Bed/Trenches
 - Infiltration/Detention Basin
 - Rain Garden
 - Level Spreader/Discharge Structures
 - Vegetated Swales
 - Water Quality Inlets
 - Other _____

Maintenance Items:

Infiltration Bed	
Inlet/Outlets clear of debris, sediment	Some trash and debris in yard drains
Inlet/Outlets structural integrity (sinkholes, cracks in structure, collapse)	Good condition
Standing Water inside Infiltration Bed	None
Infiltration bed interior in good condition (structural condition, sediment present?)	Yes
Upstream Structures in good order	Most lots do not have proper lids on inlets
Infiltration/Detention Basin	
Basin Banks Stable/Vegetated	
Sediment in basin bottom (describe extent)	
Rip-Rap Condition (sediment build up, trash, erosion)	
Inlet/Outlet structures clear of debris, sediment, overgrowth	
Debris in Basin	
Good Vegetative Cover	
Standing Water Present	
Rain Garden	
Side Slopes Stable	
Sediment in basin bottom (describe extent)	
Debris in Basin	
Good Vegetative Cover	
Standing Water Present	

Level Spreader/Discharge Structures	
Stone Condition (sediment build up, trash, overgrowth)	
Debris Present	
Vegetated Swales	
Erosion Present	
Good Vegetative Cover	
Debris Present	
Water Quality Inlets	
Water Quality structure in good condition	
Debris noted in structure	

The following additional items were noted:

Inspection Results:

- No visible or apparent problems with BMP function. BMP appears to be well maintained
- BMP observed to have significant flaws which lessen its effectiveness as a stormwater treatment measure
- BMP destroyed, removed, or eliminated from property.
- Trash and debris accumulates within and/or on BMP; trash and debris interferes with proper BMP function.
- Access to BMP obstructed or limited
- BMP cannot be located for inspection

The following maintenance is needed at this time:

- Remove debris from yard drains and install proper covers.

Action Items:

- Photos taken and placed into project directory.

Prepared By: David Marsh

Print Name



Signature

Project: *Trainer Pointe*
 Owner: *Harvest Building Group*

Project No. *176710175*
 Date: *4/28/2016*

Location: *Trainer, PA*

Page 1 of 2

Weather:

Type of BMP's On Site:

- Infiltration Bed/Trenches
- Infiltration/Detention Basin
- Rain Garden
- Level Spreader/Discharge Structures
- Vegetated Swales
- Water Quality Inlets
- Other _____

Maintenance Items:

BMP004

Infiltration Bed	
Inlet/Outlets clear of debris, sediment	<i>some yard drains are filled w/ trash and debris</i>
Inlet/Outlets structural integrity (sinkholes, cracks in structure, collapse)	
Standing Water inside Infiltration Bed	<i>None</i>
Infiltration bed interior in good condition (structural condition, sediment present?)	<i>Yes</i>
Upstream Structures in good order	
Infiltration/Detention Basin	
Basin Banks Stable/Vegetated	
Sediment in basin bottom (describe extent)	
Rip-Rap Condition (sediment build up, trash, erosion)	
Inlet/Outlet structures clear of debris, sediment, overgrowth	
Debris in Basin	
Good Vegetative Cover	
Standing Water Present	
Rain Garden	
Side Slopes Stable	
Sediment in basin bottom (describe extent)	
Debris in Basin	
Good Vegetative Cover	
Standing Water Present	

Level Spreader/Discharge Structures	
Stone Condition (sediment build up, trash, overgrowth)	
Debris Present	
Vegetated Swales	
Erosion Present	
Good Vegetative Cover	
Debris Present	
Water Quality Inlets	
Water Quality structure in good condition	
Debris noted in structure	

The following additional items were noted:

- Some lots do not have accessible yard drain grade or cleanout.
- It appeared that the wire mesh trash screen fell off some of the inlet pipes in the yard drains.

Inspection Results:

No visible or apparent problems with BMP function. BMP appears to be well maintained

BMP observed to have significant flaws which lessen its effectiveness as a stormwater treatment measure

BMP destroyed, removed, or eliminated from property.

Trash and debris accumulates within and/or on BMP; trash and debris interferes with proper BMP function.

Access to BMP obstructed or limited

BMP cannot be located for inspection

The following maintenance is needed at this time:

- Remove trash and debris from yard drains and cleanouts.
- Install proper yard drain grades so they are accessible for future BMP inspections.

Action Items:

Photos placed in project file.

Prepared By:

Chad Farlow

Print Name

Chad Farlow

Signature

Welcome to Trainer Borough

Home

Elected Officials

History

Stormwater

Helpful Links

Maps

Departments

Events

Rentals

Newsletter

Council Meeting/Borough info

Trash Removal/Paper Recycle

Contact

Blogs

NPDES STORM WATER PROGRAM Municipal Separate Storm Sewer Systems (MS4s)

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Stormwater Management information

Website link: www.dep.pa.gov

DEP USEFUL LINKS

- For access to the DEP [eLibrary](#) system, select "Citizens" from the DEP homepage, then "Public Records and Documents". Items from eLibrary that MS4s may find useful include information on

[Snow Management and Disposal](#)

[Rain Gardens and Rain Barrels](#)

[Swimming Pool Water Discharge Guidelines](#)

[Management of Cleaning Wastewater](#)

[Chapter 92a Fees](#)

[the PA Clean Streams Law](#)

[the Stormwater Management Act \(Act 167\)](#)

[the PA Stormwater BMP Manual](#)

[Stream Improvement Program](#)

[Flood Prevention and Management](#)

[Erosion and Sediment Control Requirements](#)

[Soil Erosion and Sediment Pollution](#)

[Urban Wetlands](#)

[Permitting Options for Flood Damaged Bridges and Other Water](#)

[Obstructions and Encroachments](#)

[Emergency Removal of Debris from Streams](#)

[General Permits for Work in Waterways](#)

[Floodways and Wetlands](#)

[Reporting Requirements for Spills and Pollution Incidents.](#)



David Trainer

David Trainer

19th Annual CRC Streams Cleanup

Join a team on Saturday
April 30, 2016,
9:00 am to 11:30 am
to clean up the
Chester, Ridley and
Crum Creeks.

Please join us!
Your streams
need you.

Continue
the fun at
our free picnic
for volunteers from
11:45 am to 1:00 pm
at Ridley Creek
State Park,
Pavilion 5.

Every
drop
of
clean
water
counts.

View the
cleanup site list
and register at
www.crcwatersheds.org



We All Live Downstream

A Guide to Urban Stormwater Issues and Solutions
Stormwater, Pollution and You

The Connection

In natural areas, stormwater is not a problem. Nature has managed stormwater through the Hydrologic Cycle. Stormwater has been recycled since the dawn of time.

In developed areas, both urbanization and agriculture have altered the Hydrologic Cycle and the natural management of stormwater. People have tried to control stormwater runoff, but in many cases have created greater problems, increasing flooding, erosion and pollution.

Recent legislation has been passed that will require municipalities and developers to install best management practices that will help manage stormwater following the principles of the Hydrologic Cycle. Practices will also be implemented that will decrease non-point source pollution.

Non-point source pollution is all the stuff stormwater picks up as it runs over land to the sewer and eventually the stream. Non-point source pollution includes oil, sediment, nutrients and bacteria from pet waste, chemicals and nutrients from gardens and lawn chemicals, litter, etc. You can help decrease stormwater runoff and prevent non-point source pollution by following these tips:

Urban Stormwater Runoff Issues and Solutions

Use a Rain Barrel
Rain barrels capture and store rain, making it available for watering your lawn, washing cars, and other activities that would use a lot of water. The collected rainwater is a good source of water for your plants. It will water them better without extra water costs. The stored rainwater will not contribute to stormwater runoff, which causes flooding and carries pollutants to our streams.

Minimize Lawn Chemicals
Stormwater can carry pesticides and herbicides into the stream. Try natural lawn care methods instead of chemicals. If using chemicals, make sure to follow directions, and do not apply when the breeze is blowing toward the stream.

The Hydrologic Cycle



Properly Dispose of Hazardous Waste
Do not dump anything down storm drains. Don't dump directly in the creek! Check with your municipality for the location of a hazardous waste pickup station. Visit your township website for details.

Only Rain in the Drain
Never put anything into storm sewers, including oil, paint, soap, shingles, leaves, etc. Storm sewers do not go to the sewer plant, but discharge directly into our streams. You might be pouring oil into the stream drinking water!

Pick Up After Your Dog
Pet waste can contribute nutrients and bacteria to our streams. In drinking water, these bacteria can harm people, children and livestock. These bacteria can be passed to trout.

Plant Native Trees and Shrubs
Riparian buffers are the vegetated areas alongside streams. They are an important part of the natural ecosystem and vital to the health of streams and their organisms including plants, fish and other aquatic organisms.

Do your part for your neighborhood. Help prevent stormwater pollution and Keep Our Streams Clean!

Additional Stormwater Runoff and Pollution Prevention Tips are available at:
www.delcoed.org
www.dep.state.pa.us
www.epa.gov/nps/toolbox/bera



Get involved - join a watershed group...
Dairy Creek Valley Association
www.dcv.org
Chester Ridley Crum Watersheds Association
www.crcwatersheds.org
Green Valley Association
www.greenvalley.org

Emergency Response Hotlines for reporting Trainer Borough, Delaware County:

•DEP Water Quality Complaint Hotline: 484-250-5900 (S) Weekdays

- DEP 24-Hour Water Quality Hotline: 484-250-5900^(S) or 800-541-2050^(S) (toll free) Anytime
- Off site discharge of sediment: 610-892-9484^(S) Delaware County Conservation District
- Clogged, leaking, overflowing sewer lines: 610-876-5523^(S) Delcora or After hours call 911; if sewage is entering water courses, also call DEP
- Fish Kills, Illegal Fishing: 717-626-0228^(S) PA Fish & Boat Commission. For fish kills, also call DEP at 484-250-5990^(S)
- Dry weather storm sewer outfall flows: 610-497-3838^(S) Trainer Borough
- Broken water mains: 610-876-8181^(S) Chester Water Authority 24 hour service

EPA Water Homepage: <http://water.epa.gov/>

EPA Water Pollution and Control: water.epa.gov/polwaste

EPA StormwaterHomepage:
<http://water.epa.gov/polwaste/npdes/stormwater/index.cfm>

EPA MS4 Main Page:
<http://water.epa.gov/polwaste/npdes/stormwater/Municipal-Separate-Storm-Sewer-System-MS4-Main-Page.cfm>

National Menu of Stormwater Best Management Practices:
<http://water.epa.gov/polwaste/npdes/subbmp/index.cfm>

Stormwater Outreach Materials and Reference Documents:
<http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-Outreach-Materials-and-Reference-Documents.cfm>

MS4 Factsheets:
<http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-Phase-II-Final-Rule-Fact-Sheet-Series.cfm>

Polluted Runoff: Nonpoint Source Pollution:
water.epa.gov/polwaste/nps/index.cfm

EPA Watersheds:
<http://water.epa.gov/type/watersheds/index.cfm>



Welcome to Train

Home

Elected Officials

History

Stormwater

Helpful Links

Maps

Departments

Events

Rentals

Newsletter

Council Meeting/Borough info

Trash Removal/Paper Recycle

Contact

Blogs

Established 1892

Delaware County, PA

*Borough Council meets the 2nd Thursday of every month
at 7:00 pm in Council Chambers
located 824 Main St. Trainer*



David Trainer

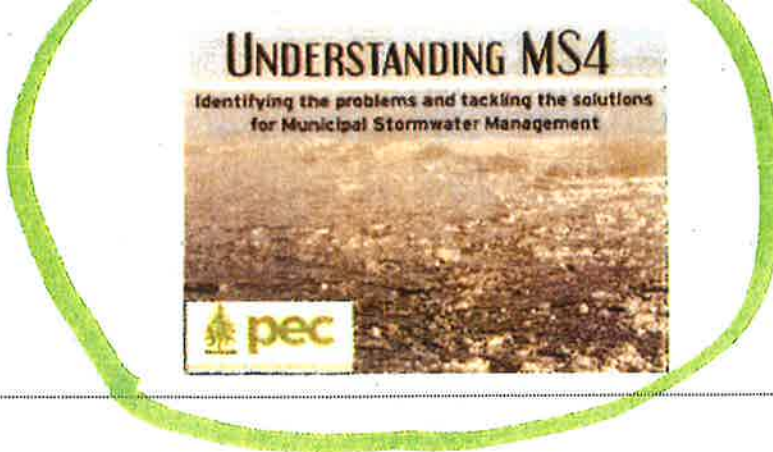
David Trainer

Introduction to the MS4 Permitting Process & Opportunities for Public Participation

The 2016 MS4 Public Outreach and Education

To be held at the April 14, 2016 Council Meeting
824 Main St. at 7:00 pm.

All residents are encouraged to attend the Stormwater discharge and
run-off education to residents of the Community.



Curfew
Beginning March 13, 2016
will be **9:00 pm**
All minors under age 18



**Volunteer Fire Fighters Needed
Marcus Hook/Trainer Dept. 68
Volunteers are in great need as they are dangerously
low. Anyone interested please contact the Fire Dept.
at 610-485-4393**

[About](#) | [Privacy Policy](#) | [Sitemap](#)

[Log in](#)

The Chester Ridley Crum Watersheds Association presents

A Citizen's Guide to Land Use and Water Quality

Sunday

April 10, 2016

2:00 pm* to 4:00 pm

Old Mill at Rose Valley

9 Old Mill Lane

Rose Valley, PA 19063

*Sign-in and refreshments begin at
2:00, lecture at 2:30



Featured Speaker
Ann Hutchinson
Natural Lands Trust

- See how communities are keeping their streams healthy for people and wildlife
- Learn about the importance of streamside forests to water quality and how towns can conserve them and ensure clean water for future generations
- Hear how local zoning regulations can "lighten the footprint" of new development and control pollution



Ann Hutchinson is the Senior Director of Municipal Planning at Natural Lands Trust, a regional land conservancy with headquarters in Media, PA. Ann is a certified planner and landscape architect whose portfolio includes local, state and national speaking engagements, training and site tours of conservation subdivisions and land conservation projects. She has assisted over 100 Pennsylvania municipalities with conservation-minded land use ordinances, plans and site plan reviews. She is a contributing author, with nationally recognized planner Randall Arendt, to the interactive CD-ROM *Growing Greener Ordinance Language* (Island Press, 2001). Ann holds a bachelor's degree from Northwestern University and a master's degree in landscape architecture from the State University of New York, Syracuse.

Visit www.crcwatersheds.org or call 610-359-1440 for more information and to register for this free event.

19th Annual CRC Streams Cleanup

Join a team on Saturday
April 30, 2016,
9:00 am to 11:30 am
to clean up the
Chester, Ridley and
Crum Creeks.

Please join us!
Your streams
need you.

**Every
drop
of
clean
water
counts.**

Continue
the fun at
our free picnic
for volunteers from
11:45 am to 1:00 pm
at Ridley Creek
State Park,
Pavilion 8.

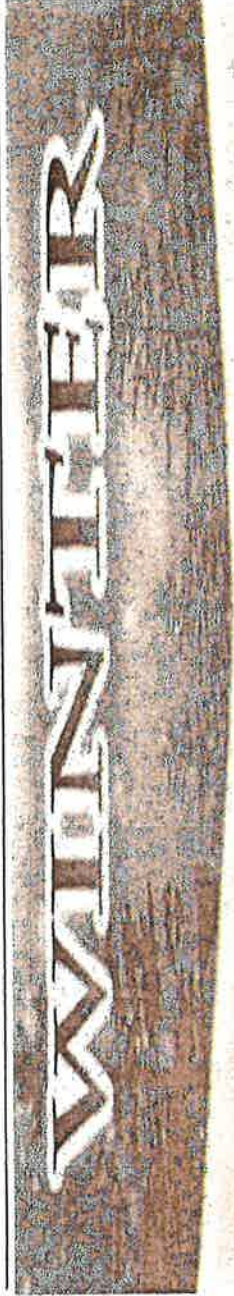
View the
cleanup site list
and register at
www.crcwatersheds.org.

Trainer Borough Newsletter

December
824 Main St.



2014
Office Hours 8 – 4
www.trainerboro.com
Borough 610-497-3838
Council meets the second Thursday of every month at 7:00pm



- Our Highway Dept. priority will be to plow the main streets and thoroughfares of the Borough first. During heavier snowfalls, be patient if you live on a less traveled street
- Less cars on the street = more efficient plowing. Use your driveway if you have one
- Do Not throw snow in the street!
- The snowplow WILL deposit snow at the end of your driveway. This is a reality of snowplowing

County Holidays 2015	Borough Closed
New Year's Day	Thurs. Jan 1
Martin Luther King Day	Mon. Jan. 19
President's Day	Mon. Feb. 16
Good Friday	Fri. Apr. 3
Primary Election	Tues. May 19
Memorial Day	Mon. May 25
Independence Day	Fri. July 3
Labor Day	Mon. Sept. 7
Columbus Day	Mon. Oct. 12
Election Day	Tues. Nov. 3
Veterans Day	Wed. Nov. 11
Thanksgiving Day	Thurs. Nov. 26
Day after Thanksgiving	Fri. Nov. 27
Christmas Eve	Thurs. Dec. 24
Christmas Day	Fri. Dec. 25



*Kids love snow!
Drivers practice caution and beware
of children playing in the snow*

Clean Stormwater Awareness

Litter and Pollutants contaminate your water.
This includes and affects outdoor and indoor drains!



Can you solve this riddle?

- What can run but never walks
- Has a mouth but never talks
- Has a face but never weeps
- Has a bed but never sleeps



De Co Office
701 Crosby Street
Suite A

Phone: 610-447-5500
LIHEAP 610-447-3099
FAX: 610-447-5399



A Force dedicated to serving and protecting your Community

Residents are encouraged to report traffic and drug violations by calling the above number and proper extension when prompted. We thank you for your cooperation.

Chief Priscopo
Sgt. Det. Cominskie
Sgt. Ostan
K9 Musso
& Ozzy



Dial 911 if you need ANY type of Police assistance



CURFEW

As of the Spring time change, curfew will be 9:00pm for all minors under 18

There is a fee for Police Incident Reports

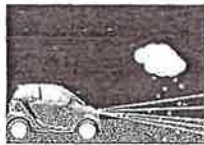
Crime prevention is everyone's responsibility

If you see something or someone suspicious, call 9-1-1. The police would rather respond and learn the suspicious person had a legitimate reason to be in the area, than find out later that the person was committing crimes in our community and got away. Make note of any details such as car make, model, and color; person description including hair, size and clothing: every possible detail will help!



TIPS TO AVOID BURGLARY

1. check your locks
2. secure obvious entrances
3. make your place look occupied
4. ditch the hidden key
5. consider getting an alarm system
6. they'll be back (76% return within 30 days to attempt another burglary)



Section 4302 (a)(3) Periods for required lighted lamps.
Any time the vehicle's windshield wipers are in continuous or intermitted use due to precipitation or atmospheric moisture including rain, snow, sleet, or mist your headlights must be on

Our children focus on play and do not always consider moving traffic. As you drive the streets, reduce your speed and be ready to brake

** Fireworks are prohibited in Pennsylvania unless they are part of a licensed display*



buzzed driving is drunk driving

designate a sober driver

Riddle Answer: Nothing

March

824 Main St.

Borough 610-497-3838



2015

Office Hours 8 - 4

www.trainerboro.com

Council meets the second Thursday of every month at 7:00pm

Happy SPRING

Welcome!
Awilda Burgos
Councilwoman
Community Outreach

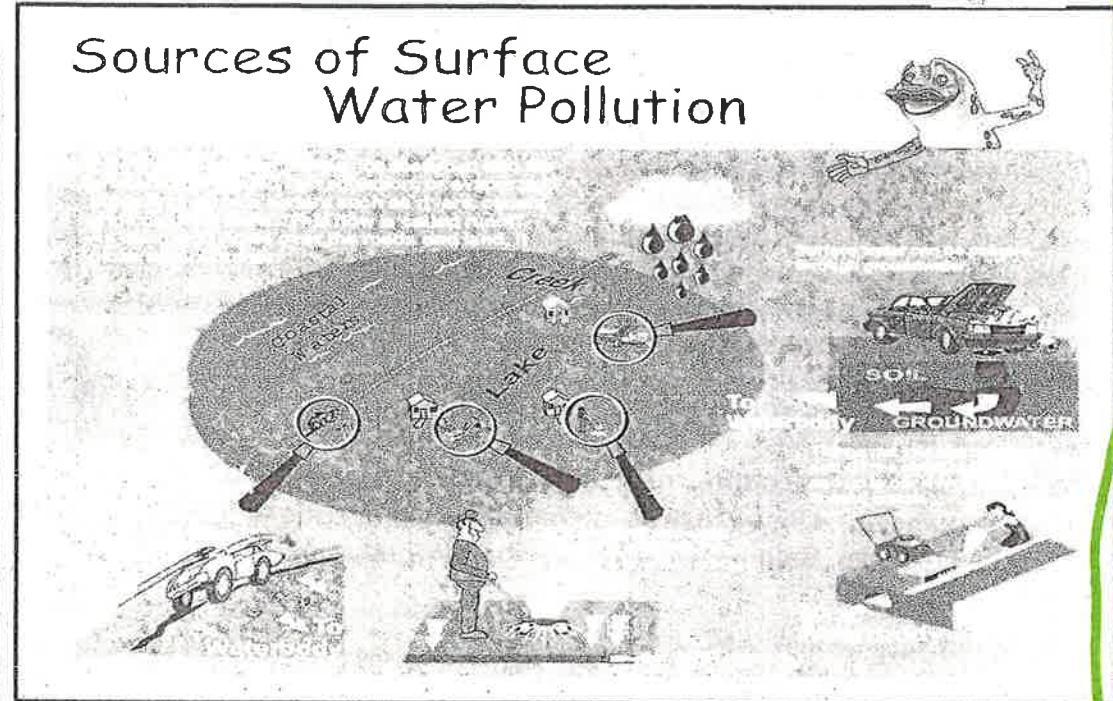
Wishing you all a Joyous Easter Season



April showers bring May flowers. April showers and rain barrels also provide an easy way to reduce water bills and water waste.

Stormwater Facts

Sources of Surface Water Pollution



MS4 Stormwater Public Outreach

A public meeting will be held on Thursday April 9th at the regular Council Meeting located 824 Main St.

The public is invited and encouraged to provide input in regards to stormwater discharge.

Can you solve this riddle? Poor people have it. Rich people need it. If you eat it you die. What is it? [Answer on back page](#)



POLICE DEPARTMENT

610-494-7399

A Force dedicated to serving and protecting your Community

Residents are encouraged to report traffic and drug violations by calling the above number and proper extension when prompted. We thank you for your cooperation

Chief Priscopo
Sgt. Det. Cominskie
Sgt. Ostan
K9 Musso
& Ozzy



Applies to all minors under age 18
Curfew is 9:00pm until the fall time change

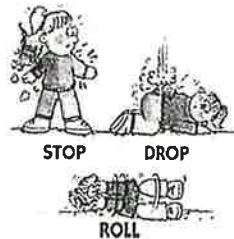


There have been occasions of car break-ins. They are seeking easy targets (cars that are not locked). It appears that only change and/or money are being sought. We cannot urge residents enough to keep your car doors locked and to not keep anything of value in your vehicle or keep it out of sight.



WE CARE ABOUT YOUR KIDS, TEACH THEM WELL

All children should wear a helmet whenever he/she is on anything with wheels, such as a scooter, bicycle, or roller skates. A helmet is the most important device available that can reduce head injury and death.



TELL YOUR CHILD TO FOLLOW THESE RULES ABOUT STRANGERS:

- Never take anything like candy, ice cream or money from a stranger.
- Never talk to strangers.
- Never take a ride from a stranger.
- If a stranger asks for directions, stay away. Strangers should not ask kids for help.
- Never give your name or address to a stranger.
- Never tell anyone that you are home alone if you answer the telephone or door. Tell them that mom or dad is busy and you will take a message.
- If a stranger bothers you, asks you to help him look for his dog, or cat, turn, scream and run in the opposite direction.
- If a stranger tries to follow you on foot or tries to grab you, **RUN AWAY, SCREAM and TELL YOUR PARENTS, YOUR TEACHER** or a trusted adult friend. A dangerous stranger doesn't want to be the center of attention.
- Never communicate with people on the Internet or through other electronic devices without your parents knowledge and approval. Everyone on the Internet is a stranger until they have been confirmed by your parents.

Keep your bikes locked, securing them to something stable. and put them away, out of sight, when not in use



Going on Vacation?

Visit the Police Dept. to fill out a Vacation Slip. The Police will keep an eye on your home and know who to notify in case of emergency or other issue



Riddle Answer: A Secret

Trainer Borough Newsletter

176710033

June

824 Main St.

Borough 610-497-3838

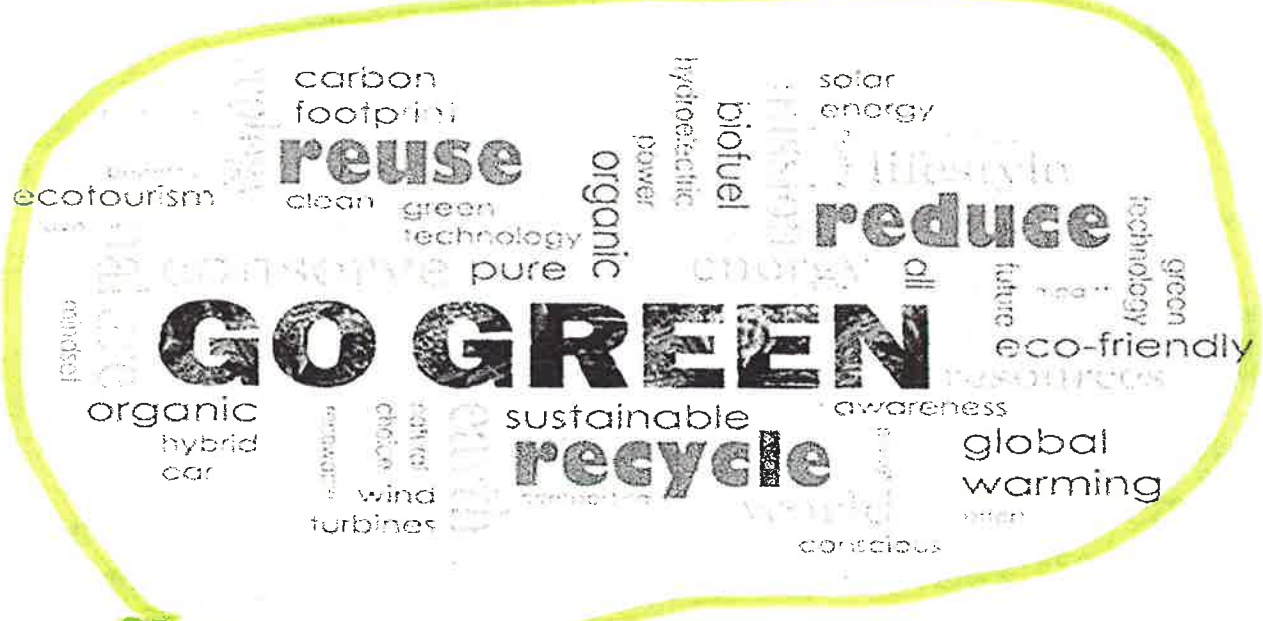
Council meets the second Thursday of every month at 7:00pm



2015

Office Hours 8 - 4

www.trainerboro.com



where's baby?
Look before you lock.

Leave purse, cell, etc. on backseat so you will always open the door



Please Don't Leave Me!

Outside	Inside	Time to Reach
75	100	10 minutes
75	120	30 minutes
85	90	5 minutes
85	100	7-10 minutes
85	120	30 minutes
100	140	15 minutes

Can you solve this riddle? If I have it, I don't share it. If I share it, I don't have it. What is it? Answer on back page



POLICE DEPARTMENT

610-494-7399

A Force dedicated to serving and protecting your Community

Residents are encouraged to report traffic and drug violations by calling the above number and proper extension when prompted. We thank you for your cooperation



Keep updated and informed on Trainer Borough Police Department page



Sledding Safety

1. Sit face-forward. Never sit head-first or stand.
2. Go down the hill one at a time and with only one person on the sled, except for adults sledding with young children
3. Keep arms and legs within the sled.
4. If you fall off the sled, move out of the way.
5. Walk up the side of the hill leaving a path for other sledders.
6. Roll off a sled that won't stop.
7. Never ride a sled being pulled by a moving vehicle.



Holiday Shopping Safety Tips

- Carry a purse close to your body, under a coat, or wear a cross-over bag
- Carry a wallet in the front of your pants pocket
- Avoid carrying large amounts of cash
- Keep track of credit cards. Protect your pin number & don't allow others access
- Avoid carrying a lot of bags/packages
- Do not leave bags/packages visible in your car. Store them in the trunk
- Avoid shopping alone
- If shopping at night, try to park close to the store
- Park in areas with adequate lighting
- Be aware of your surroundings
- Have your keys ready before you approach your car
- Reduce your own vulnerability. Minimize the possibility of becoming a victim

Mayor's Corner

- Be Alert - Report suspicious activity immediately
- Complaints - Contact Secretary. I will be notified
- Curfew - 8pm beginning Nov. 1, 2015 until Mar. 13, 2016



Call 911 for the fastest Police response. Officers, when on patrol are not in the station to answer phone calls



PennDot

Call 511 for traffic and travel weather conditions. Also visit website and download mobile app for more info online:
www.511pa.com

Don't drive if you're tipsy, buzzed or Blitzen.

Get a sober ride or call a cab.



Riddle Answer: Lunch and Dinner

Trainer Borough Newsletter

2015



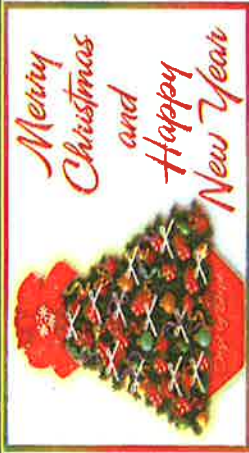
December
824 Main St.

Office Hours 8 - 4

www.trainerboro.com

Borough 610-497-3838

Council meets the second Thursday of every month at 7:00pm



Dial

- 411 General Information
- 511 Traffic/Travel weather
- 811 Call before you dig
- 911 Emergency



LIVE UNITED



United Way of Greater Philadelphia and Southern New Jersey

Help available for all aspects of Human Services.

Includes housing, addiction, crisis, legal, health, employment, Veterans, etc. Dial 211 not available in our area

Council Meetings

- Thurs. Dec. 10, 2015
- Mon. Jan. 4, 2016 Re-Organization
- Thurs. Jan. 14, 2016
- Thurs. Feb. 11, 2016
- Thurs. Mar. 10, 2016

Junior Council

Any resident youth in grades 8th thru 12th interested in being a member of Borough Junior Council may contact the Borough for more info.

Borough Office will be closed

- Thurs. Dec. 24, 2015 Christmas Eve
- Fri. Dec. 25, 2015 Christmas Day
- Fri. Jan. 1, 2016 New Years Day
- Mon. Jan. 18, 2016 Martin Luther King Day
- Mon. Feb. 15, 2016 President's Day

PennDOT safe driving tips for winter



A properly trained mechanic can check the cooling system, battery, hoses, drive belts, tire and wiper blades to ensure they are in good condition and functioning properly. Drivers should frequently check all fluid levels lights and wiper blades throughout the winter and check tire pressure often.

PennDOT also advises drivers to carry emergency kits in their vehicles that contain non-perishable food, water, first-aid supplies, warm clothes, a blanket, cell phone charger and a small snow shovel.

When a driver encounters a plow truck, PennDOT recommends they stay at least six car lengths back and make sure the lights of their vehicle are on and should never try to pass or get between several trucks plowing side by side in a "plow train." The weight of the snow thrown from the plow can quickly cause small vehicles to lose control. Often plow truck have blind spots, so drivers are asked to never travel next to them.

Solve this riddle! What two things can you never eat for breakfast? **Answer on back page**

Upcoming Community Events

Thurs. Dec. 3 ~ Tree Lighting ~ Boro Hall ~ 6pm ~ Refreshments
 Reminder * Sat. Dec. 19 ~Lunch with Santa~ Community Center
 Sun. Dec. 20 ~Pet pics with Santa~ 12pm - 3pm ~ Borough Hall

Visit our website www.trainerboro.com for more information on events



Sun. Jan. 17, 2016 from 1pm - 3pm at Borough Hall
 Pre-register by calling Boro Hall. Free to residents. A
 fee for Non-residents and residents not registered
 will be \$2.00. Learn how to get maximum benefits of
 coupons and save \$\$\$\$



Bring your pets to
 Borough Hall on
 Sun. Dec. 20th from
 12 pm - 3:00 pm to
 have their picture
 taken with Santa



Kids love to play in the snow!
 Make sure they know not to play in or on snow
 piles and to always watch for snow removal
 equipment on streets and in parking lots.



SNOW SPRAY PAINT

1. Fill a spray bottle with some water.
2. Add a few drops of food coloring.
3. Stir or shake until mixed.
4. Go spray the snow!

Community Center @ 1002 Chestnut St. *****
 May be open to sledders on snow days. Hot chocolate served
 and a place to warm up.

From the Code Enforcement Office

Contact Charles Remaley 610-497-3838 x3
 Board of Health Meetings 1st Tuesday every month Borough Hall at 7:00 Residents welcome to attend

Code Enforcement is the prevention, detection, investigation and enforcement of violations
 of statutes or ordinances regulating public health, safety, and welfare, public works, business
 activities and consumer protection, building standards, land-use, or municipal affairs.

CARBON MONOXIDE (CO) POISONING



CAN'T BE SEEN
 CAN'T BE SMELLED
 CAN'T BE HEARD
 CAN BE STOPPED

Snow must be removed from
 sidewalks within 30 hours of
 the end of the storm.



<http://www.stormwaterpa.org/pennsylvania.html>

De-icing salt. Limiting the amount of salt we use on sidewalks and driveways can reduce the amount of polluted stormwater washing into our waterways. The most important step in deicing is to physically remove as much ice as possible before applying salt. Use salt sparingly.

stormwater



You can do your part



The main streets and thoroughfares of the Borough plowed first before any less traveled street. In the case of a major storm please be patient your street will be plowed after major streets have been cleared. Thank you.

A look ahead

Electronic Recycle for 2016
 Sat. April 16th 9:00am - 12:00pm
 Sat. September 17th

The Borough is anticipating hosting 2 Carnivals for 2016.

We held our first Trunk or Treat in Henry Johnson Park on Oct. 30th. Congratulations to Michael Merritt of Cobden St. for the Best Decorated trunk and awarded a \$25.00 gift card.



Check On Your Elderly Neighbours This Winter

And those who are alone



REMINER: Cold season is starting, and cats seek shelter in cars. Do not forget give a few taps on the hood before starting your car. Re-post please!



A Force dedicated to serving and protecting your Community

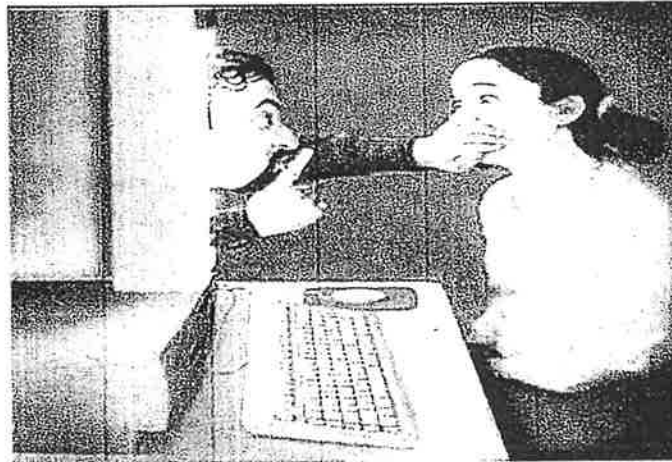
Residents are encouraged to report traffic and drug violations by calling the above number and proper extension when prompted. We thank you for your cooperation



Check us out on **facebook**.
Keep updated and informed on
Trainer Borough Police Department page

Mayor's Corner

- Be Alert - Report suspicious activity
- Complaints - Contact Secretary, I will be notified
- Curfew - 9pm beginning March 13th



Teach Your Kids Online Safety

S Personal information is a secret
Never meet anyone from the internet without a parent or carer
Never accept messages, emails or requests from unknown people
Remember reality Not everyone tells the truth on the internet. Some people lie about who they are.
T If anything or anyone online is worrying you TELL a parent or carer.

www.facebook.com/ActionAgainstAbuseUK

CRIME PREVENTION STARTS WITH YOU GET INVOLVED

LOCK IT UP

An unlocked door is an invitation for a thief. Don't make it easy for them. Even when locked up, don't leave valuables in view.



WRITE IT DOWN

Write down the color, make, model and serial number of valuables. If they are stolen, this information will help police identify and return them. Photos and/or video of valuables are also helpful.



CALL IT IN

REPORT SUSPICIOUS ACTIVITY IN YOUR NEIGHBORHOOD while it is happening or as soon as possible. Suspicious activity is any person, noise or event that doesn't feel right to you.



Burglars may pose as utility workers or other types of solicitors when they knock on your door. When you open the door they get to look inside your home to see what goodies they can come back to take later. Answer some questions for their "survey" and you may have just given them all the information they need. Solicitors require permits in Trainer Borough. If you suspect someone does not have a permit, or seems suspicious, call 911 immediately



DRUG ABUSE RESISTANCE EDUCATION
National D.A.R.E. Day, April 21, 2016

SEE SOMETHING. SAY SOMETHING. Immediately!

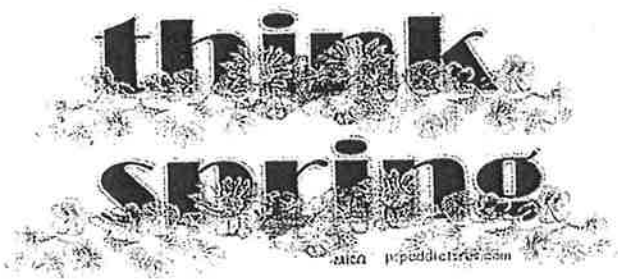
Riddle Answer: A Matchstick

March

824 Main St.
Borough 610-497-3838
Council meets the second Thursday of every month at 7:00pm



2016
Office Hours 8 - 4
www.trainerboro.com



Electronic Recycle Schedule for 2016



April 16th September 17th
Drop-off site will be the Community Center at 1002 Chestnut St.
Between the hours of 9am - 12pm
Anything with a plug may be dropped off at the above designated dates and time



Big trash pick-up is every Thursday

All mattresses being disposed of MUST be in a mattress bag or wrapped. If furniture is disposed of along with a mattress, the furniture must also be bagged.



COSA Office of Services for the Aging

Adult Day Care of Chester
2701 W. 10th Street
Phone: 610-364-0555
Director: Tony Kodor
Hours: Monday-Friday 7am- 6 pm

Adult Day Care of Chester is an alternative to nursing home or home care for qualified individuals. Supervised therapeutic recreation and social interaction, nutritious meals, courtesy shuttle service, medication intake monitoring, respite care, dental, podiatry, and beauty services available.



Remember to
Spring Forward
Sunday, March 13



Change your smoke alarm battery.



Throw out your old batteries.

Make Tuesday test day.



Solve this riddle! Tear one off and scratch my head what was red is black instead Answer on back page



POLICE DEPARTMENT

610-494-7399

A Force dedicated to serving and protecting your Community

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Check us out on **facebook**
Keep updated and informed on
Trainer Borough Police Department page

Mayor's Corner

- Be Alert – Report suspicious activity
- Complaints - Contact Secretary, I will be notified
- Curfew – 9pm beginning March 13th

AT HOME SAFETY

- Always lock your doors and windows especially at night and when you're away
- Close your garage and pet doors
- Secure ladders and tools so they can't be used to gain entry into your home
- Be wary of anyone who approaches your front door and don't let them take up too much of your time. Criminals work together; one will come to your door and distract you while the other sneaks into your home. Ask for an ID of a utility person.
- Be a good neighbor, lookout for one another.
- Excessive dog barking could be a sign of an intruder and may warrant a call to your local police department (911).

Going on Vacation?



Visit the Police Dept. to fill out a Vacation Slip. The Police will keep an eye on your home and know who to notify in case of emergency or other issue



PA Yellow Dot

For more information and how to participate visit <http://www.yellowdot.pa.gov/>

This program assists citizens in the "golden hour" of emergency care following a traffic accident when they may not be able to communicate their needs themselves. Placing a Yellow Dot decal in your vehicle's rear window alerts first responders to check your glove compartment for vital information to ensure you receive the medical attention you need. The program is a cooperative effort between PennDOT, the Dept. of Health and Aging, the State Police, the Turnpike Commission, first responders and local law enforcement.

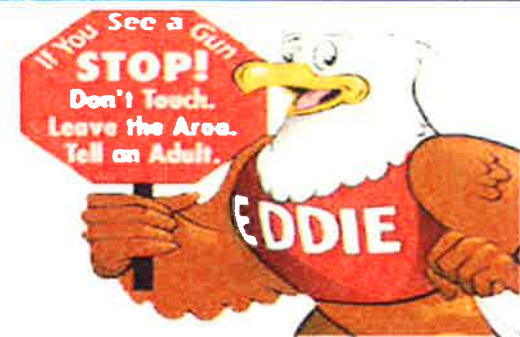
Beware of digital stranger danger
Not everyone is who they say they are.

"Hi my name is Katie and I am 14 years old."

DON'T 'friend' random people.

THINK before you post, chat, upload, or download - protect your digital reputation.

NEVER use a webcam with strangers.



NO LOITERING
Violators Will Be Subject to Arrest

SEE SOMETHING. SAY SOMETHING.
Immediately!

Riddle Answer: A Voice

Trainer Borough Newsletter

SUMMER EDITION

March
824 Main St.
Borough 610-497-3838
Council meets the second Thursday of every month at 7:00pm



2016
Office Hours 8 – 4
www.trainerboro.com

Earned Income Tax FAQ's
In the Taxpayer Resources section of our website



546 Wendel Road, Suite 400
Irwin, PA 15642
www.KeystoneCollects.com



The bugs, the sun, ticks, heat, ivy poisons, etc. Stay protected and keep your pets protected as well. Summer is fun but there can be many dangers. Be safe, not sorry.



Attention Residents

There will be a discussion at the Thurs. June 9th Council Meeting in regards to a Medical Marijuana Facility interested in use of a property on 9th St. All are encouraged to attend and be informed.

Door to Door Solicitors

The Borough cannot stop Solicitors from knocking on your door but we can make them register for a permit to do so. If someone approaches you, ask them to see their permit to Solicit. DO NOT accept "Our permit is on file with the company" as an answer. Every person is required to have a copy of the permit in their possession as well as personal and company ID. The police dept. is given a copy of all ID's. Solicitors do not have a right to harass you if you are not interested.

KIDS FIRST Swim Schools

Safety begins with education.
Teach children how to swim

Dutton Mill Shopping Center
4441 Pennell Road Aston, PA 19014
484-482-6604

Website for disposal of medical sharps: http://www.bd.com/us/diabetes/pdf/EPA_guidelines.pdf

Big trash pick-up is every Thursday

All mattresses being disposed of MUST be in a mattress bag or wrapped. If furniture is disposed of along with a mattress, the furniture must also be bagged. Building material and electronics are unacceptable.

Electronic Recycle Schedule for 2016

September 17th Community Center at 1002 Chestnut St. 9am – 12pm
Anything with a plug may be dropped off at the above designated dates and time



Solve this riddle! What instrument can you hear but never see? Answer on back page

Upcoming Community Events

Sat. Sept. 10~Community Day~HJ Park~12 - 4pm

Visit our website www.trainerboro.com for more information on events



Carnival is back in town!
Hosted by Oscar's Amusement
Tues. Aug. 23 thru Sat. Aug. 27
9th St. behind the Methodist Church



Thanks to Councilwoman Awilda Burgos, located at Borough Hall, the Borough has 2 new computers for our residents to use. Homework, research, online applications for those who do not have a home computer. The hours for use will be daily from 8 - 4 or by (possibly scheduling) a later time to gain access to the building when office is closed. Please call ahead.

The Borough would like to thank the following for their donation to our Memorial Garden at Veteran's Dr.

A&R Ironworks	Boates Bros.
Protec Floors	Wagman Machine
Stantec	Cott Beverages
Wardius Painting	Service Painting
ER Industrial	Burkes Landscaping
Monroe Energy	Linwood Motors
Kendus Funeral Home	Lou's Auto
Liberty Mechanical	Mike Sheridan
	Talley's Garage

SAFETY

Whether a walker, runner or biker, we all share the roads with motor vehicles. Wear reflective clothing and do not assume drivers are able to see you. Facing traffic and staying close to the side of the road is very important. Bikers should always obey the rules of the road and always travel with the flow of traffic.



From the Code Enforcement Office

Contact Charles Remaley 610-497-3838 x3

Board of Health Meetings 1st Tuesday every month Borough Hall at 7:00 Residents welcome to attend

Board of Health issues such as trash, odors, sewage. may also be directed to Code Enforcement as a first point of contact

Property owners: Per the Borough, any work being performed in or at your property requiring permits ALSO requires any Contractor to be licensed, insured and registered with the Borough prior to any work being started.

Call



before you dig
for any projects

A permit is required for
Swimming pools



Borough Ordinances can be accessed on
the web at www.ecode360\TR2437.

Grass and weeds in excess of 6 inches is an Ordinance violation. Weeds and grass at the curbs are also the property owners responsibility. Clippings are to be cleaned from The street and sidewalks



WHY #CleanWaterRules

Clean water upstream means cleaner water downstream. Our Clean Water Rule protects the streams and wetlands that feed our rivers, lakes, bays and coastal waters. These waters are critical for agriculture, healthy communities, our economy and our way of life.

60% of stream miles in the U.S. only flow seasonally or after rain.



Streams and wetlands filter pollution, reduce flooding and give fish and wildlife a place to live.

IS IT A DISPUTE, A VIOLATION OR A CIVIL MATTER?

Most disputes between two parties are civil matters and should be addressed via the District Magistrate's office.

Please note that the Borough may not be able to assist you in civil matters.

If you have concerns about a possible Ordinance violation you may contact the Borough Office.

FURNITURE and appliances designed and built for interior use is prohibited from being placed outdoors: Upholstered couches and chairs on front porches must be removed and properly disposed of.

To determine if you have unclaimed property, visit the PA Treasury's free and easy-to-use database at www.PATreasury.gov. 1.800.222.2046

How HOT is your car really?

110	117	123	139	157
105	112	118	134	152
100	107	113	129	147
95	102	108	124	142
90	97	103	119	137
85	92	98	114	132
80	87	93	109	127
75	82	88	104	122
70	77	83	99	117
	5	10	30	60

Outside Temperature (F) | Temperature in Car (F) | Time (minutes)

SAFETY TIPS

Propane and charcoal BBQ grills should only be used outdoors.

The grill should be placed well away from the home, deck railings and out from under eaves and overhanging branches.

Keep children and pets at least three feet away from the grill area.

Keep your grill clean by removing grease or fat buildup from the grills and in trays below the grill. Never leave your grill unattended.

Always make sure your gas grill lid is open before lighting it.



PROPANE Grills

Check the gas tank hose for leaks before using it for the first time each year. Apply a light soap and water solution to the hose. A propane leak will release bubbles. If your grill has a gas leak, by smell or the soapy bubble test, and there is no flame, turn off the gas tank and grill. If the leak stops, get the grill serviced by a professional before using it again. If the leak does not stop, call the fire department. **If you smell gas while cooking, immediately get away from the grill and call the fire department.** Do not move the grill.

Trainer Borough Council Meeting Notes

File No. 174840134 – Trainer General

Date/Time: April 14, 2016 7:00 PM
Place: Trainer Borough Hall
Next Meeting: May 12, 2016
Attendees: Vicki Okolowski, Fran Zalewski, Jim Cassidy, Joseph Maher,
Jean Beck, Everett McDaniel, Awilda Burgos, Michael Sheridan, Esq
Absent: John Mathews, Gregory Miley
Distribution: Municipal Staff

Item:**Action:**

- I forwarded Stantec contribution to the Borough.
- Fran thanked the church for temporarily holding folks involved in the Amtrak train crash.
- **Monroe Energy** – Liz Clapp with Monroe discussed project status, timelines and explained purpose for requesting waiver for land development which Council approved.

- **MS4**

Attendance: Council, Police Chief Priscopo, 16 public, Ed Kline, Liz Clapp (Monroe), approximately 16 persons from public.

Summary of my overview:

- I noted MS4 is municipal separate storm sewer systems owned by the Borough.
- Based on Environmental Protection Agency (EPA) Clean Water Act and Department of Environmental Protection (DEP) Program.
- Reviewed storm system/outfall map, flow of stormwater from surfaces to creeks and potential pollutants that may contaminate stormwater.
- Mentioned importance of water quality, adverse environmental impacts of contaminated water and what residences can do to help and be involved.
- Reviewed hand-outs from the CRC with tips for clean water including:
 - "Fertilize Your Lawn the Easy Way"
 - "Tips for Streamside Landowners"
 - "Alternatives to Pesticides"

- "Put Rainwater to Work for you and EPA"
- "After the Storm"

Fran took remaining hand-outs after meeting.

▪ **200 Price Street – Metro Container**

I mentioned our recommendation to have the proposed building moved outside the flood plain. Noted we are awaiting response from Metro. Mike Sheridan also offered details.

▪ **FEMA Hazard Mitigation Plan**

Borough forwarded PEMA circular with guidance for applications due to PEMA 5/18/16 (attached).

▪ **Nealy Boulevard**

Jim Cassidy questioned our \$2,100 proposal to prepare an estimate and mentioned his opinion that Stantec should have some responsibility / knowledge of the funds not being to complete construction. In light of Jim's opinion, Paul Bernard in the audience suggested that Stantec prepare the estimate at no cost. I advised I would discuss with Eileen and we would respond accordingly.

- The homeowners for 4110 West Fifth Street complained again about their neighbor at 4112 lateral being connected to theirs. They expressed DELCORA was not being helpful with their complaint. Joe Maher reminded them that this is a private homeowner issue they should address directly with their neighbor. Joe suggested they consider blocking off their neighbor's lateral where it connects to their lateral. However, Jim Cassidy and Mike Sheridan cautioned that there may have been an agreement between the prior homeowners for the configuration of the laterals as is.

Stantec Consulting Services Inc.



Michael J. Kozlowski, PE ENV SP
Project Manager
Phone: (610) 840-2511
Fax: (610) 840-2501
Michael.kozlowski@stantec.com

Put Rainwater to Work for You

Harvesting rainwater is a simple way to make your household green and help your gardens prosper. Using rainwater instead of the tap to water your gardens will cut your water bill. It also keeps water from running off of your property and carrying pollutants into our streams. The two most common ways to put rainwater to work for you are rain barrels and rain gardens:

- **A rain barrel** collects water from your roof and stores it for future use. You can connect a hose to the barrel or use it to fill watering cans. Rain barrels are available commercially at home improvement stores or you can build a do-it-yourself rain barrel at little cost; see www.diynetwork.com/how-to/how-to-create-a-rain-barrel for simple instructions. Most barrels hold 55 gallons of water and will fill quickly during a storm. Make sure to include an overflow pipe to transport excess water away from your house. Also, a screen or filter on top is essential to prevent mosquitoes.



This rain barrel at the Media Community Center was painted to provide a splash of color. Rain barrels are available in many colors and can be painted to match any home.

- **A rain garden** is a collection of water-loving plants in a slight depression in the ground. Running a downspout towards a sunken garden will capture rainwater and allow it to slowly sink into the ground over the next day. Rain gardens should be located at least 10 feet away from your foundation. Their size varies based on how much roof area is draining to the garden. Resources on building your rain garden can be found many places online, including <http://www.raingardensforthebays.org> and <http://www.stormwaterpa.org/raingarden>. Pick the right spot on your property, create a design using your favorite plants, and start using rainwater to beautify your yard.



A Citizen's Guide to Understanding Stormwater



EPF-837-0-03-002

or visit
www.epa.gov/pdes/stormwater
www.epa.gov/nps

For more information contact:

After the Storm



What is stormwater runoff?



Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground.

Why is stormwater runoff a problem?



Stormwater can pick up debris, chemicals, dirt, and other pollutants and flow into a storm sewer system or directly to a lake, stream, river, wetland, or coastal water. Anything that enters a storm sewer system is discharged untreated into the waterbodies we use for swimming, fishing, and providing drinking water.

The effects of pollution

Polluted stormwater runoff can have many adverse effects on plants, fish, animals, and people.

- ◆ Sediment can cloud the water and make it difficult or impossible for aquatic plants to grow. Sediment also can destroy aquatic habitats.
- ◆ Excess nutrients can cause algae blooms. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels.
- ◆ Bacteria and other pathogens can wash into swimming areas and create health hazards, often making beach closures necessary.
- ◆ Debris—plastic bags, six-pack rings, bottles, and cigarette butts—washed into waterbodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds.
- ◆ Household hazardous wastes like insecticides, pesticides, paint, solvents, used motor oil, and other auto fluids can poison aquatic life. Land animals and people can become sick or die from eating diseased fish and shellfish or ingesting polluted water.



- ◆ Polluted stormwater often affects drinking water sources. This, in turn, can affect human health and increase drinking water treatment costs.



Stormwater Pollution Solutions

Residential



Recycle or properly dispose of household products that contain chemicals, such as insecticides, pesticides, paint, solvents, and used motor oil and other auto fluids. Don't pour them onto the ground or into storm drains.

Lawn care

Excess fertilizers and pesticides applied to lawns and gardens wash off and pollute streams. In addition, yard clippings and leaves can wash into storm drains and contribute nutrients and organic matter to streams.



- ◆ Don't overwater your lawn. Consider using a soaker hose instead of a sprinkler.
- ◆ Use pesticides and fertilizers sparingly. When use is necessary, use these chemicals in the recommended amounts. Use organic mulch or safer pest control methods whenever possible.
- ◆ Compost or mulch yard waste. Don't leave it in the street or sweep it into storm drains or streams.
- ◆ Cover piles of dirt or mulch being used in landscaping projects.

Septic systems

Leaking and poorly maintained septic systems release nutrients and pathogens (bacteria and viruses) that can be picked up by stormwater and discharged into nearby waterbodies. Pathogens can cause public health problems and environmental concerns.



- ◆ Inspect your system every 3 years and pump your tank as necessary (every 3 to 5 years).
- ◆ Don't dispose of household hazardous waste in sinks or toilets.

Auto care

Washing your car and degreasing auto parts at home can send detergents and other contaminants through the storm sewer system. Dumping automotive fluids into storm drains has the same result as dumping the materials directly into a waterbody.



- ◆ Use a commercial car wash that treats or recycles its wastewater, or wash your car on your yard so the water infiltrates into the ground.
- ◆ Repair leaks and dispose of used auto fluids and batteries at designated drop-off or recycling locations.

Pet waste

Pet waste can be a major source of bacteria and excess nutrients in local waters.



- ◆ When walking your pet, remember to pick up the waste and dispose of it properly. Flushing pet waste is the best disposal method. Leaving pet waste on the ground increases public health risks by allowing harmful bacteria and nutrients to wash into the storm drain and eventually into local waterbodies.

Residential landscaping

Permeable Pavement—Traditional concrete and asphalt don't allow water to soak into the ground. Instead these surfaces rely on storm drains to divert unwanted water. Permeable pavement systems allow rain and snowmelt to soak through, decreasing stormwater runoff.

Rain Barrels—You can collect rainwater from rooftops in mosquito-proof containers. The water can be used later on lawn or garden areas.



Rain Gardens and Grassy Swales—Specially designed areas planted with native plants can provide natural places for



rainwater to collect and soak into the ground. Rain from rooftop areas or paved areas can be diverted into these areas rather than into storm drains.

Vegetated Filter Strips—Filter strips are areas of native grass or plants created along roadways or streams. They trap the pollutants stormwater picks up as it flows across driveways and streets.

Commercial

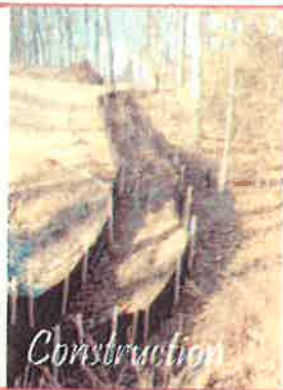


Dirt, oil, and debris that collect in parking lots and paved areas can be washed into the storm sewer system and eventually enter local waterbodies.

- ◆ Sweep up litter and debris from sidewalks, driveways and parking lots, especially around storm drains.
- ◆ Cover grease storage and dumpsters and keep them clean to avoid leaks.
- ◆ Report any chemical spill to the local hazardous waste cleanup team. They'll know the best way to keep spills from harming the environment.

Erosion controls that aren't maintained can cause excessive amounts of sediment and debris to be carried into the stormwater system. Construction vehicles can leak fuel, oil, and other harmful fluids that can be picked up by stormwater and deposited into local waterbodies.

- ◆ Divert stormwater away from disturbed or exposed areas of the construction site.
- ◆ Install silt fences, vehicle mud removal areas, vegetative cover, and other sediment and erosion controls and properly maintain them, especially after rainstorms.
- ◆ Prevent soil erosion by minimizing disturbed areas during construction projects, and seed and mulch bare areas as soon as possible.



Aquaculture

Lack of vegetation on streambanks can lead to erosion. Overgrazed pastures can also contribute excessive amounts of sediment to local waterbodies. Excess fertilizers and pesticides can poison aquatic animals and lead to destructive algae blooms. Livestock in streams can contaminate waterways with bacteria, making them unsafe for human contact.



- ◆ Keep livestock away from streambanks and provide them a water source away from waterbodies.
- ◆ Store and apply manure away from waterbodies and in accordance with a nutrient management plan.
- ◆ Vegetate riparian areas along waterways.
- ◆ Rotate animal grazing to prevent soil erosion in fields.
- ◆ Apply fertilizers and pesticides according to label instructions to save money and minimize pollution.

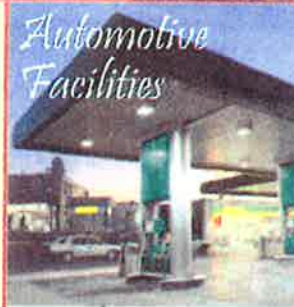
Forestry

Improperly managed logging operations can result in erosion and sedimentation.



- ◆ Conduct preharvest planning to prevent erosion and lower costs.
- ◆ Use logging methods and equipment that minimize soil disturbance.
- ◆ Plan and design skid trails, yard areas, and truck access roads to minimize stream crossings and avoid disturbing the forest floor.
- ◆ Construct stream crossings so that they minimize erosion and physical changes to streams.
- ◆ Expedite revegetation of cleared areas.

Automotive Facilities



Uncovered fueling stations allow spills to be washed into storm drains. Cars waiting to be repaired can leak fuel, oil, and other harmful fluids that can be picked up by stormwater.

- ◆ Clean up spills immediately and properly dispose of cleanup materials.
- ◆ Provide cover over fueling stations and design or retrofit facilities for spill containment.
- ◆ Properly maintain fleet vehicles to prevent oil, gas, and other discharges from being washed into local waterbodies.
- ◆ Install and maintain oil/water separators.

Fertilize Your Lawn the Easy Way

Disposing of grass clippings is the most labor-intensive part of mowing the lawn for many homeowners. You can skip all that work and let your grass clippings fertilize your lawn for free.

Grass clippings contain nitrogen and phosphorus and can fertilize your lawn naturally. This can cut or eliminate the need for additional fertilizers, which can damage our streams. Clippings can also be composted and used to create high-quality fertilizers for your garden.

Start mowing by making two or three passes blowing grass clippings into the center of your lawn, not the street or driveway. Make sure to mow when grass is dry so that clippings do not clump together. Set the mower to a height of 2½ to 3 inches to better hide clippings and keep a healthier lawn. Mow weekly in the spring and as needed through the summer.



Clippings left on your lawn will biodegrade quickly because they are 90% water. It should not cause thatch buildup. If the grass is very high (say, after returning from a vacation), consider making two cuts: a "trim" with the mower set high, followed a few days later by a cut to your regular length. This will give the clippings a chance to degrade into the lawn and avoid having long clippings covering the lawn.

To be sure you are giving your yard the nutrients it needs and not providing too much fertilizer, test your soil. Contact your local Penn State Extension office to order a soil test kit for only \$9-12 (Delaware County: 610-690-2655, Chester County: 610-696-3500).

For your lawn and your streams, keep your grass clippings on your lawn. Your wallet will also appreciate the change, as you will need fewer fertilizers and less water.

Tips for Streamside Landowners

If you live along one of our community's streams, you play a major role in keeping the stream healthy and clean. Here are a few ways to protect your stream from pollution and erosion.

1. **Plant trees or shrubs** along the stream. Roots will hold the soil together and fallen leaves form the base of the food chain in the stream.
2. **Create a "no mow" zone** along the stream, allowing taller grasses to grow. This will stabilize streambanks and filter pollutants from runoff before reaching the stream. Just a few feet of no mow zone will make a difference, but extend this area as much as you can.
3. **Place structures outside of the floodplain.** To the extent possible, keeping garden sheds, driveways and other improvements away from the stream will give rainwater a chance to soak into the ground.



4. **Go easy on the fertilizer.** Use them only in accordance with manufacturer's guidelines and only when you are certain it is not going to rain soon. In areas that drain to a stream or pond, try going without fertilizer.
5. **Keep grass clippings, manure, and other waste piles away from the stream.** Nutrients and other pollutants can easily be washed into the stream.
6. **Keep farm animals out of streams.** Use fencing and control stream access.
7. **Redirect your downspouts** onto lawn or natural areas and away from driveways that lead to stormdrains in your street or streams. Better yet, direct them to a garden with water-loving plants.

For more tips on how to care for your streamside property, including recommendations on trees and flowers to plant, visit www.delcocc.org/Streamside%20Property%20Bochure1.pdf.

Alternatives to Pesticides

You can have a green and healthy lawn and garden without depending on large amounts of pesticides. It is better for your yard, the people and animals that use your yard, and our streams. Follow the guidelines below to decrease pesticide use.

- Grow native plants that are able to handle the climate and pests of our region. See <http://www.dcnr.state.pa.us/forestry/plants/nativeplants/> for more information on native plants, including where to buy them.



- Spread mulch at the base of trees to keep mowers and weed whackers from opening up wounds in the bark. Spread mulch flat on the ground to a height of no more than two inches; do not smother the tree's roots and bark by building a cone or "volcano" around the tree.
- Provide the proper amount of water to keep your lawn and gardens stress-free. Water your lawn deeply, but only every several days and not at all if it rains. Mow your lawn to a height of 2 ½ to 3 inches.
- Get a soil test to determine if you need to use any fertilizers. Apply fertilizers only at the rate needed and never before a storm. A soil test kit can be cheaply obtained from your local Penn State Extension office (Delaware County: 610-690-2655, Chester County: 610-696-3500).
- When weeds sprout, hand dig or spot treat them with herbicides.
- Rotate your garden crops, just as farmers do. Do not plant tomatoes or peppers in the same place each year. Consider scattering species throughout your garden. If a tomato hornworm finds one of your tomato plants, for instance, it may easily move to all of your tomato plants if they are next to each other.
- If you find a pest damaging one of your plants, consider the following questions before deciding what approach to take.
 1. What is it? If you don't know, Penn State Extension's website, <http://extension.psu.edu/pests/ipm>, is a good place to start.
 2. Where does the pest live, breed, and what does it eat?
 3. How many pests are there?
 4. How many pests are too many?
 5. If I have "too many," what is the best way to get rid of the pest?
 6. What are the potential "side effects" of control methods?
- When pesticides are needed, use insecticidal soaps and *Bacillus thuringiensis* or "Bt."

Being selective in your pesticide use and growing plants native to our region will increase the number of beneficial insects, such as butterflies and other pollinators, in your gardens.

August 14, 2014

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with Vice President Jim Cassidy calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

James Cassidy – Vice President
John Mathews – Councilman
Regina Beck – Councilwoman
Keith Garrity – Councilman

Mike D'Agostino – Solicitor
Eileen Nelson – Engineer

ABSENT

Frances Zalewski – Mayor
Joseph Maher – President
Greg Miley – Councilman

A motion was made by Councilman Cassidy to appoint Everett McDaniel to fill the term of the vacant Council seat. Councilman Mathews seconded the motion. All Councilpersons present voted affirmative.

Judge Griffin was present and swore in the Oath of Office for the Council seat to Everett McDaniel

MINUTES

The minutes of the July meeting were motioned for approval by Councilman Mathews and seconded by Councilwoman Beck; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned by and seconded by that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be

Councilman Cassidy was absent. Vice President Cassidy read the monthly fire report for July as follows: Total Alarms 30, Time in Service 89hrs 30mins, Total Man Hours 456hrs, Property Loss 0k, Injuries 0, Fatalities 0, and Pump Operated 4hrs 30mins.

CODE ENFORCEMENT OFFICER

See public safety report

TAX COLLECTOR

Vice President Cassidy read the report as follows:

July: Total uncollected as of 7/31 is \$174,321.15. Total collected as of 7/31 is \$1,066,141.68.

Total outstanding bills are 230.

SCHOOL BOARD DIRECTOR

Mary Magaw stated anyone who has not re-registered with the school district needs to do so as soon as possible.

MONROE ENERGY

Adam Gattuso was absent

ENGINEER

- **Trainer Pointe**

Construction is on-going.

- **NPDES MS4 Permit**

We are preparing the first year report due August 29, 2014.

- **1035 Langley Street- sump pump drainage**

We continue to pursue Gessler to resolve and are awaiting their response. We have been keeping the homeowner apprised.

- **FEMA - Map Actions**

A memo was sent to Joe Maher on June 23, 2014 requesting his review of the preliminary map actions. (A reminder is that we still need to provide comment on the proposed mapping.)

- **Master Casting Prices**

Penn DOT's Master Agreement prices for utility adjustments are approximately 30% greater than our estimate. We recommend the Borough accept the Agreement since the material and coordination costs and time will likely be less than the Borough separately contracting those services. If Council is in agreement, a Resolution will be prepared for execution at the August 14, 2014 Council Meeting along with the Agreement.

- **Foundation for Pennsylvania Watersheds**

The attached completed Stormwater Authority Questionnaire was sent to the

Foundation for Pennsylvania Watersheds on July 29, 2014.

Eileen read Resolution 1011 Master Casting Agreement for years 2015-2017. Councilman Mathews made a motion to accept Resolution 1011 Master Casting Agreement. Councilman Garrity seconded the motion. All Councilpersons present voted affirmative.

Eileen stated a motion was need to authorize advertisement of bids for HJ Park road. Councilwoman Beck made the motion. Councilman Mathews seconded the motion. All Councilpersons present voted affirmative. Bids will not need to be advertised if an estimate comes in under the required bid amount.

SOLICITOR

Mike D'Agostino stated the Council seat has been filled and welcomed Ed McDaniel.

OLD COUNCILMANIC BUSINESS

None

NEW COUNCILMANIC BUSINESS

None

QUESTIONS AND COMMENTS FROM AUDIENCE

None

ADJOURNMENT

President Joe Maher made a motion to adjourn; Councilman Cassidy made a motion to adjourn, Councilwoman Beck seconded the motion all councilpersons present voted affirmative.

Respectfully submitted,

Victoria Okolowski
Borough Secretary

October 9, 2014

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with Vice President Jim Cassidy calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

James Cassidy – Vice President

John Mathews – Councilman

Regina Beck – Councilwoman

Ed McDaniel - Councilman

Mike D'Agostino – Solicitor

Mike Kozlowski – Engineer

ABSENT

Frances Zalewski – Mayor

Joseph Maher – President

Greg Miley – Councilman

Keith Garrity – Councilman

MINUTES

The minutes of the September meeting were motioned for approval by Councilman Mathews and seconded by Councilwoman Beck; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned by and seconded by that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned by Councilman Mathews and seconded by Councilwoman Beck. All councilpersons present voted affirmative.

CODE ENFORCEMENT OFFICER

See public safety report

TAX COLLECTOR

Vice President Cassidy read the report as follows:

September: Total uncollected as of 9/30 is \$144,816.14. Total collected as of 9/30 is \$1,095,660.43. Total outstanding bills are 214.

SCHOOL BOARD DIRECTOR

Mary Magaw

MONROE ENERGY

Nothing new to add to report. They will be expanding next month and gave an update on the pipeline.

ENGINEER

Trainer Pointe

Construction is on-going.

NPDES MS4 Permit

We observed the stormwater flows to outfall 1400 near Marcus Hook Creek originates from a pipe from the QSL property that connects to an inlet / storm system on Nealy Boulevard. We will further investigate the source of the flows.

1035 Langley Street- Sump Pump Drainage

We observed grass is growing at the restored lawn area around the pipe. The homeowner has not yet requested additional topsoil and seed above the pipe.

Chester Water Authority 2014 Water Main Rehabilitation Project

Per our September 15 site meeting with the CWA; they have agreed to mill and overlay the following roadways over their rehabilitated trenches, per the Borough Ordinance:

- ~ Wilcox St., Mary St. to W. 2nd St.: 1/2 width road-east side.
- ~ Irving St. and W. 3rd St.: Entire intersection.
- ~ Irving St.; W. 4th St. to SR 0013: Full width road.

We have also discussed base repair of a depression in the roadway on Wilcox St. between Mary St. to W. 2nd St. within the overlay area. The base repair would not normally be CWA's responsibility. We contacted DELCORA, and they advised the sanitary main below is not deficient, per their TV inspection video.

NEW COUNCILMANIC BUSINESS

None

QUESTIONS AND COMMENTS FROM AUDIENCE

Resident Chuck Miles asked if Council would vote on what Councilman McDaniel had proposed at the last meeting in regards to the Handicap parking. Vice President Cassidy stated it had already been discussed and finalized and they are going to find out where the rest of this came from. Council wanted a copy of the petition.

Mike O'Hanlan interested party in 3808 W 9th St. addressed Council to buy and use the property as an auto repair body shop. Council stated this was the first they heard of it. They took his name and number to get back to him. O'Hanlan's options were discussed.

Resident Paul Barnard asked if it is a violation of code to have a Councilperson who doesn't live in the Borough and asked we have one. Council stated they were not aware of it. Barnard stated there is a member that does not live in the Borough and does not show up for the meetings and assumes that is a conflict.

Resident Robin Bryant asked about the water at 10th and Anderson. Mike Kozlowski stated the water company would look into it but have not yet heard from them. Bryant stated she was told there was a spring in the area and had to put rebar and cinderblock on her property due to the water. Kozlowski asked Bryant questions to try to further access the problem.

Marilyn Maher stated the Hayride will be Oct. 18th with a rain date of Oct. 25th and are in need of donations and volunteers.

A complaint was made in regards to kids coming in from Chester hanging out. Council stated to call 911.

An Executive Session was called

ADJOURNMENT

Vice President Jim Cassidy made a motion to adjourn; Councilman Mathews made a motion to adjourn, Councilwoman Beck seconded the motion all councilpersons present voted affirmative.

Respectfully submitted,

Victoria Okolowski
Borough Secretary

December 11, 2014

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with President Joe Maher calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

Joseph Maher – President
James Cassidy – Vice President
John Mathews – Councilman
Regina Beck – Councilwoman
Greg Miley – Councilman
Ed McDaniel - Councilman

Mike D'Agostino – Solicitor
Eileen Nelson – Engineer

ABSENT

Frances Zalewski – Mayor
Keith Garrity – Councilman

MINUTES

The minutes of the November meeting were motioned for approval by Councilman Cassidy and seconded by Councilman Mathews; all councilpersons present voted affirmative.

GENERAL FUND

October and November bills

It was motioned by and seconded by that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned, the October bills for approval by Councilman Mathews and seconded by Councilman Cassidy. All councilpersons present voted affirmative. It was motioned, the November bills for approval by Councilwoman Beck and seconded by Councilman Miley. All councilpersons present voted affirmative.

- **Certificate of Occupancy Ordinance**

I reviewed and marked-up with my comments and gave to Charlie Remaley for consideration.

- **FEMA**

A letter was received from FEMA dated November 12, 2014. The revised edition including the flood hazard area for Stoney Creek is included for review.

- **Request for Roadway Right-of-Way Information**

We provided roadway right-of-way information to RETTEW per their request for preparing a topographic survey for the Monroe Energy crude transmission line.

- **NPDES MS4 Permit**

We encourage the Borough to continue with MS4 requirements during this 2nd year of the renewal permit, which covers the period through June 30, 2015. Several requirements include:

- MCM #2 – BMP #1: Posting Year 1 periodic report on the Borough's website. **We posted a PDF of the report on an FTP site for the Borough to download.**
- MCM #2 – BMP #2: Regularly solicit public involvement including advertising 1 public meeting per year.

Eileen stated the CDBG Grant was advertised and asked if there was any input for the project. Applications are due on January 12th. Tonights meeting was advertised for public input. Post Rd. was mentioned in the past, between 4th and Irving, bank improvements. 10th St. was mentioned as there are no sidewalks and 10th and Anderson where the spring water ices the road. It was decide to apply for Post Road and 10th St. as a back-up project.

SOLICITOR

Mike D'Agostino had nothing to report. He wished everyone a Happy Holiday.

OLD COUNCILMANIC BUSINESS

None

NEW COUNCILMANIC BUSINESS

None

QUESTIONS AND COMMENTS FROM AUDIENCE

A resident stated that she was aware of other Municipalities that accept tax payments in installments or through a credit card and asked Council to consider offering this type of option.

Resident Paul Barnard stated the Minute notes are in violation of the Borough Code. He stated the minutes were accepted tonight and then realized there were wrong numbers but did not change, this has happened before. The minutes were changed but the minutes are still inaccurate.

The minute pages should be numbered as to not be able to be modified. Bernard stated that to change the minutes there needs to be a motion on the floor to amend the minutes then add to next meeting minutes the modification was motioned.

*Councilman Cassidy made a motion to amend the minutes for October permit and licenses income amount from \$84,825.00 to \$4,897.00, Councilman Mathews seconded the motion. All Councilpersons present voted affirmative.

ADJOURNMENT

President Joe Maher called for a motion to adjourn; Councilman Mathews made a motion to adjourn, Councilman McDaniel seconded the motion all councilpersons present voted affirmative.

Respectfully submitted,

Victoria Okolowski
Borough Secretary

February 12, 2015

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with President Joe Maher calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

Frances Zalewski – Mayor
Joseph Maher – President
James Cassidy – Vice President
John Mathews – Councilman
Regina Beck – Councilwoman
Greg Miley – Councilman
Ed McDaniel - Councilman

Mike D'Agostino – Solicitor
Eileen Nelson – Engineer

ABSENT

MINUTES

The minutes of the January meeting were motioned for approval by Councilman Mathews and seconded by Councilwoman Beck; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned by and seconded by that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned, the January bills for approval by Councilwoman Beck and seconded by Councilman Mathews. All councilpersons present voted affirmative except for Councilman Cassidy who opposed.

ENGINEER

- Trainer Pointe

Construction is on-going.

- Chester Water Authority 2014 Water Main Rehabilitation Project

We met with the CWA at the site to review the punch-list items. CWA will advise when the items are complete. **We notified the CWA of the Borough roadways adjacent to Township Line Road that have experienced issues as reported by the Borough. They reviewed these and noted the permanent restoration is scheduled for this spring when the weather conditions are satisfactory.**

- CDBG FY 2015

The application for Post Road was sent to the OHCD on January 12, 2015.

- 2015 County Highway Aid

The application/resolution was sent to the Borough on January 26, 2015 for adoption at the February 12 Council meeting. A letter was sent to Capital Project Management on January 28, 2015 requesting funds for 2012, 2013 and 2014 be rolled over to 2015 which will result in a \$10,260 total for all 4 years. We encourage the Borough to develop a program which can utilize these funds.

- NPDES MS4 Permit

We encourage the Borough to continue with MS4 requirements during this 2nd year of the renewal permit, which covers the period through June 30, 2015 including regularly solicit public involvement including advertising 1 public meeting per year. On January 29, I attended a meeting of the CRC Watershed Association where I received the new Public Education Outreach packet on the Borough's behalf.

- Monroe Energy

Monroe has advised they are considering the installation of new cooling water towers on their property near Post Road and Price Street and requested floodplain information and a site meeting. We directed them to FEMA's website for floodplain mapping and advised an escrow account needs to be set-up to reimburse the Borough for engineering fees for meetings, plan reviews, etc. Monroe to respond. **We are coordinating a meeting with Monroe for next week. They advised they will post an escrow with the Borough in advance.**

- 4th and Irving Streets

The revised Completion Report will be presented at tonight's meeting for signature.

Resident Robin Bryant asked if the Community Center would be rented on Holidays. Council stated that the Center would be available to rent on holidays. She may be interested in renting for Thanksgiving.

Resident Ray Millard asked if the Electronic Use policy that was enacted tonight would be available to get a copy. President Maher stated it will be on file tomorrow and he could pick up a copy. He asked if the policy was the only action that was being taken for illegal activities in a public office. President Maher stated that based on the allegations that were made, this was the appropriate action that we deemed fit because we had nothing to compare the allegations with to any conduct policies. If any of the allegations were accurate, there was nothing to compare to, so we thought the proper process was to adopt a policy, that way in the future, any other allegations for inappropriate use of Electronic equipment shall arise we have a base point to compare them to and then take any further action as needed. Millard stated "you mean that Trainer had no policy." Maher stated that is correct, the Borough of Trainer had no policy for Borough employees. Millard stated he knows the state does.

ADJOURNMENT

President Joe Maher called for a motion to adjourn; Councilwoman Beck made a motion to adjourn, Councilman Cassidy seconded the motion all councilpersons present voted affirmative.

Respectfully submitted,

Victoria Okolowski
Borough Secretary

March 12, 2015

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with President Joe Maher calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

- Frances Zalewski – Mayor
- Joseph Maher – President
- James Cassidy – Vice President
- Regina Beck – Councilwoman
- Greg Miley – Councilman
- Ed McDaniel – Councilman
- Awilda Burgos - Councilwoman

- Mike D’Agostino – Solicitor
- Eileen Nelson – Engineer

ABSENT

- John Mathews – Councilman

MINUTES

The minutes of the February meeting were motioned for approval by Councilman Cassidy to accept with corrections and seconded by Councilwoman Beck; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned, the February bills for approval by Councilwoman Beck and seconded by Councilman Cassidy. All councilpersons present voted affirmative.

FEBRUARY GENERAL FUND BILLS

Ford Motor Credit Co	Police car yearly payment	-45,634.72
Atlantic Tactical	Police equipment	-663.60
Sunoco - SunTrak	Police vehicle fuel	-1,637.05

YIS/Cowden Group, Inc.	Stopwatch Calibration	-40.50
Pennell Veterinary Clinic, P.C.	K9 Veterinary Charges - Ozzy	-164.60
Musso, Michael G.	Reimburse emergency vet expense	-386.52
Aston Sunoco	Police vehicle maintenance	-401.93
PECO - Garage	Highway garage	-569.36
PECO - Municipal Bldg.	Municipal Bldg	-1,086.72
Peco- Penna. Ave	Penna. Ave	-108.86
PECO	2015 Land and Property Lease	-10.00
Comcast Cable	CC cable Police	-57.54
Chester Water - Hydrants	Hydrants	-1,195.10
Dept of Revenue - Philadelphia	Fee notice	-27.31
Charles Higgins & Sons	Street Light maintenance	-355.42
Maddren Law Office LLC	Police negotiations	-211.50
Chester-Ridley-Crum Watersheds	MS4 Education and Outreach	-150.00
Pa State Mayors Association	2015 Membership Dues	-60.00
United States Postal Service	Large letter mailed	-2.87
Chester Water - Municipal	Municipal Bldg	-30.54
Staples Advantage	Office supplies	-91.40
Dival Safety Equipment, Inc.	Police equipment	-2,749.00
Talley's Garage & Towing	Police Vehicles	-360.00
Delaware County Animal Control	Animal Control	-310.00
Red the Uniform Tailor	Police uniforms	-117.87
Animal Protection Board	Animal Control	-275.00
Stantec Consulting Services Inc.	Professional Services	-7,537.50
Arthur J. Gallagher	Liability Ins.	-19,448.25
PECO - Park	HJ Park	-7.66
Trainer Borough Recreation Fund	Transfer income from cell tower	-1,179.47
John Tomaszewski	Penna. Ave. contractor 4th Installment	-5,000.00
Broomall Truck & Auto Repair	Police vehicle	-60.00
Delcora	Sewer bill 824 Main	-163.32
A.R.D. Uniform Enterprises, Ltd.	Police uniforms	-112.00
Comcast Cable	Municipal Bldg cable	-272.42
De Co Solid Waste Authority	Jan. tipping fees	-2,320.23
PECO - Garage	Highway garage	-42.10
Padco Financial Services, Inc.	Doc Star	-130.00
DCIU	Health Benefits	-18,154.55
Nextel	Cell phones January	-138.46
Comcast	Phone VOIP	-322.95
Law Enforcement Seminars, LLC	Education/Training Ostan and Musso	-650.00

ENGINEER

Eileen Nelson stated the correspondence in regards to Trainer Custom Chemical from the DEP is advising modifications to be made to work plan to be in compliance with the DEP, site clean-up is ongoing. Correspondence from DCPD is announcing the unveiling of Greenway Plan Grant and is now in draft form and will be presented at a public meeting on March 30, 2015.

Engineer Report

- **Trainer Pointe**

Construction is on-going.

Per our March 10 site observation, the house construction on lots 11 and 12 is near complete with utility work in the front lawn underway. Lots 15 and 16 have not started construction to date.

We have inquired with the solicitor the status of the escrow balance for the site engineering and inspection fees and inspections for the post-construction stormwater management fund. To assist and coordinate, we provided an updated summary based on our records and per discussion with the Borough Secretary.

- **Chester Water Authority 2014 Water Main Rehabilitation Project**

We will keep the Borough informed of the CWA's progress regarding their completion of punch-list items.

- **NPDES MS4 Permit**

MCM #2 - Public Involvements / Participation, requires the Borough to conduct one public meeting per year to solicit public involvement and participation. We forwarded the notice for posting on the Borough's website and newsletter announcing this year's meeting to be held at the April 9 Council meeting. We will be giving a presentation regarding the program at the meeting.

The second progress report under the current permit is due in August, 2016 and covers the period of July 1, 2014 to June 30, 2016. To keep current with activities needed for the report, we are requesting the Borough provide our office with documents such as newsletters and minutes from the period of July 2014 to date. We received a Newsletter and meeting minutes from the Borough Secretary.

- **Monroe Energy Cooling Water Towers**

Mike Kozlowski met with representatives from Monroe Energy and Weston on February 20, 2015 regarding their proposed construction within the Stoney Creek Floodway. Discussed were the requirements of the Borough's Ordinance Chapter 126- Flood Damage Prevention. They submitted a schedule identifying their critical path items in a total of a 2 month process for preparation of the necessary applications to revise the 100 year Flood Plain and obtain PADEP and Army Corps permits for construction.

COMMUNITY REDEVELOPMENT

Ed McDaniel stated he is awaiting a call back from McCarthy in regards to a business on Nealy Blvd. He is working on the upcoming car show/flea market for April 25, stating there are 300 flyers circulated and is advertised on the website.

PUBLIC SAFETY/BOH

Councilwoman Beck stated:
February Code Enforcement issued 11 building permits, 2 Contractor licenses, 16 C/O's, numerous citations issued, numerous violations which are being handled. 23 letters sent for snow removal and we found an elderly woman out with a walker trying to shovel, our Police helped her. She stated that when sending out letters we do not always know who the property owner is.

Councilwoman Beck made a motion to appoint Ralph Miles to the Board of Health, Councilman Miley seconded the motion. All Councilpersons present voted affirmative except Councilman Cassidy who opposed stating Mr. Miles is a violator of the BOH.

FIRE/PARKS/ENVIRONMENT

Councilman Mathews was absent.
President Maher read the monthly fire report for February as follows: Total Alarms 35, Time in Service 120hrs 30mins, Total Man Hours 578hrs, Property Loss 0k, Injuries 0, Fatalities 0, and Pump Operated 4hrs 30mins

CODE ENFORCEMENT OFFICER

See public safety report

TAX COLLECTOR

No report received for February

SCHOOL BOARD DIRECTOR

Mary Magaw was not present

MONROE ENERGY

Adam Gattuso had updates including working with the Borough Secretary in setting up an escrow account for the cooling towers. We will be working with Mr. Remaley to renew the trailer inspections. An agreement has been reached with the National issues


QUESTIONS AND COMMENTS FROM AUDIENCE

Resident, Mr. Burns from the Mobile Home Park stated that in February there was a problem with the water in the park, he said his wife got in contact with someone. President Maher stated he spoke to her and Councilwoman Beck went up there in regards to the situation. Beck stated she was led to believe the issue had been corrected. Burns stated it is corrected but expressed that they could not even flush their toilets and asked whose responsibility this was. Beck stated the park is responsible, it is private property. Burn's asked what recourse he would have and Beck stated to go to the Magistrate and file a civil action. Cassidy stated there was an electric issue years ago and residents went to the Magistrate and got the problem fixed. Beck stated she did call Kurt (one of the owners) in regards to the complaint.

ADJOURNMENT

President Joe Maher called for a motion to adjourn at 7:39pm; Councilman Cassidy made a motion to adjourn, Councilman Miley seconded the motion all councilpersons present voted affirmative.

Respectfully submitted,


Victoria Okolowski
Borough Secretary

April 9, 2015

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with President Joe Maher calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

Joseph Maher – President
James Cassidy – Vice President
Regina Beck – Councilwoman
Greg Miley – Councilman
Ed McDaniel – Councilman
Awilda Burgos - Councilwoman

Mike D’Agostino – Solicitor
Eileen Nelson – Engineer

ABSENT

Frances Zalewski – Mayor
John Mathews – Councilman

MINUTES

The minutes of the March meeting were motioned for approval by Councilman Cassidy and seconded by Councilwoman Beck; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned, the March bills for approval by Councilwoman Beck and seconded by Councilman Cassidy. All councilpersons present voted affirmative.

MARCH GENERAL FUND BILLS

United States Postal Service	1 certified letter mailed	-6.49
Marcus Hook Hardware	Police keypad batteries	-27.59
Comcast Cable	CC Cable	-67.04

Red the Uniform Tailor	Police uniforms	-59.50
#1 Car Wash Inc.	Clean Police Vehicles February	-175.00
Goodyear Auto Service	Police vehicle tires	-479.56
Chester Water Authority	Hydrants	-1,195.10
Sunoco - SunTrak	Police vehicle fuel	-3,483.31
B&L Disposal	Trash removal	-5,075.00
PECO - Garage	Hwy Garage	-573.64
Charles Higgins & Sons	Street Light maintenance	-667.54
Home Depot	CC paint, Police lockers	-724.70
W. B. Mason Co., Inc.	Office supplies	-54.03
21st Century Media	Advertising	-148.40
Arthur J. Gallagher	Liability Insurances	-28,678.86
Marcus Hook Borough	Fire Truck February payment	-274.04
Marcus Hook Borough	Fire Station February payment	-1,239.52
Broomall Truck & Auto	Highway Dump, Pick-up	-128.37
Delco Alarm System	Highway Bldg Monitoring System	-127.50
Tax Claim Bureau	Repository 4017 9th	-2.00
Tax Claim Bureau	Repository 4021 9th	-2.00
Judicial Support	Repository 4021 9th	-25.00
Judicial Support	Repository 4017 9th	-25.00
Recorder of Deeds	Repository 4017 9th	-96.50
Recorder of Deeds	Repository 4021 9th	-96.50
United States Postal Service	Roll of stamps	-49.00
T Frank McCall's Inc	Sidewalk Salt	-135.00
Musso, Michael G.	Reimburse medical expense	-150.00
21st Century Media	Advertising	-187.84
Charles Higgins & Sons	Street Light maintenance	-853.72
Integral Systems Corp	Computer backup	-50.00
Dival Safety Equipment, Inc.	Police Equipment	-441.32
Talley's Garage & Towing	Police Vehicles	-1,452.49
Pa One Call System, Inc.	Monthly fax service	-10.16
Chester Water Authority	HJ Park	-18.36
Chester Water Authority	Municipal Bldg	-48.98
PECO	HJ Park	-23.78
PECO	Municipal Bldg	-1,086.52
Peco	Penna. Ave.	-104.73
PECO	Street Lighting	-2,348.36
PECO	Underpass Lighting	-42.10
B&L Disposal	Trash removal	-5,075.00

CODE ENFORCEMENT OFFICER

See public safety report

TAX COLLECTOR

President Maher read the monthly report for February and March.

February: Total uncollected as of 2/28 is \$1,124,405.15. Total collected as of 2/28 is \$92,715.48. Total outstanding bills are 777.

March: Total uncollected as of 3/31 is \$258,539.15. Total collected as of 3/31 is \$941,263.94. Total outstanding bills are 294.

SCHOOL BOARD DIRECTOR

Mary Magaw was not present

MONROE ENERGY

Adam Gattuso was not present.

ENGINEER

Eileen Nelson stated, in regards to the DCNR Grant, there needs to be a motion for a resolution to adopt which solidifies the intent to apply for the Grant money and adhere to the terms of their conditions. Eileen read the resolution. Councilwoman Beck made a motion to adopt Resolution 1013, Councilman Cassidy seconded the motion. All Councilpersons present voted affirmative.

The electrical costs were discussed in reference to the Carnival and putting in a permanent service.

Council decided to further discuss the matter before moving forward with the project. She looked into some contractor estimates, estimating a cost of under \$5,000.00.

She stated that McCarthy Tire and Auto Center has been given the green light for new business on Nealy Blvd. and are ready to start the necessary process.

The MS4 Stormwater Outreach public discussion with Eileen Nelson explaining the Borough's owned storm sewers that empty into water bodies, the 5 year permit, required inspections, testing and testing procedures if pollutants are found, in compliance with the MS4 permit. If pollutants are found an investigation to trace the source back to the potential source. She discussed ways residents can do their part to keep the stormwater clean such as proper washing of vehicles, lawn chemicals, pet waste, trash and how to properly use to avoid run-off into the stormwater drains. She informed residents to notify the Borough immediately if they suspect any illegal discharge from the storm sewers.

FINANCE

President Maher read the tax collector reports for February and March. See Tax Collector report.

MUNICIPAL BUILDING/RECREATION

Councilman Jim Cassidy stated there will Bingo at the Community Center on Sunday from 12 – 3pm. The Car Show is April 25th from 10 -3pm at Henry Johnson Park. He asked all to watch the spending in the Borough.

HIGHWAY/STREET LIGHTS

Councilman Miley asked Councilman Cassidy if he was in charge of the Highway Garage building, stating it is in need of many repairs. Councilman Cassidy asked if it was work that Jim and Ed could do, Councilman Miley did not believe so. Councilman Cassidy stated he would look into getting estimates.

COMMUNITY OUTREACH/NEWSLETTERS

Awilda Burgos stated she volunteered at the Trainer Methodist Church and that they are in desperate need of volunteers. There were 46 kids there from 4 – 6pm. The children play basketball on Tues., Wed. and Thurs. She stated she put some packets together to take containing information about programs that many people do not know about. The Church would like to receive a newsletter.

COMMUNITY REDEVELOPMENT

Ed McDaniel stated he knows of a person interested in the Borough owned lots at 9th and Chestnut and asked what procedures needed to be taken to obtain the property. He asked also what was going on with McCarthy who wants to open a business on Nealy Blvd. He distributed over 400 fliers for the car show.

PUBLIC SAFETY/BOH

Councilwoman Beck stated:
March Code Enforcement issued 9 building permits, 2 Contractor licenses, 31 C/O's, 2 residential zoning permits, citations issued, numerous complaints and violations which are being handled.

FIRE/PARKS/ENVIRONMENT

Councilman Mathews was absent.
Councilwoman Beck read the monthly fire report for March as follows: Total Alarms 32, Time in Service 105hrs 30mins, Total Man Hours 525hrs, Property Loss 0k, Injuries 0, Fatalities 0, and Pump Operated 4hrs 30mins, Alarms 17.

Engineer Report

- Trainer Pointe

Construction is on-going.

Based on our correspondence with the Solicitor and Borough Secretary and per our records, there is a \$3,880.33 total shortage in the escrow account for the site improvements and the stormwater management fund. We informed the developer and advised they may either replenish the account or we will deduct the appropriate amount from upcoming requests for escrow release.

- NPDES MS4 Permit

We will be giving a public presentation regarding the program at the April 9 Council meeting.

We forwarded the updated quote from BSC for lab testing of the storm water to the Council President for execution.

- Monroe Energy Cooling Water Towers

We reviewed a letter from Weston Solutions, Inc. dated March 25, 2015 with preliminary plans and related information regarding their proposed construction within the Stoney Creek Floodway. A response letter was sent to Weston on April 1, 2015.

- PECO Infrastructure Items

PECO advised the erosion of stone and soils below a section of sidewalk at pole #419 along 9th Street this does not appear to be their responsibility. We have contacted PennDOT who noted they will review and we are awaiting their response.

- DCNR C2P2 Grant - Electrical Service at Stage

- DCNR representatives indicated the stage is eligible under the Small Community Development category and that there is time to initiate discussions with them regarding project details for the application to be submitted this year (Deadline is April 16, 2015). We conveyed this to the Council President and are preparing the application.
- DCNR will fund the first \$20,000, any funds required above this base amount to be covered 50% by DCNR and 50% by the Borough. Funding can be used for construction and engineering fees.

▪ Permanent Electrical Service for Carnival at Methodist Church

Per the Borough's request, we have estimated costs for the work:

PECO's scope and cost per our discussion with PECO reps.:

- Install 100 feet of cable from existing pole to post provided by contractor: no charge.
- Provide meter: no charge.
- Connections of electrical contractor's work to PECO's cable: no charge.
- Energize service: \$6.00.
- Electrical usage: costs depend on amount of electricity consumed.
- Service charges:
 - \$25.00 to \$60.00 per month pro-rated cost depending on the meter size. Yearly cost is thus \$300 to \$720.
 - An option is for the Borough to shut-off the service after a carnival and then turn on the service for the next carnival. Costs in this scenario for each carnival each time the service is turned back on would be approximately:
 - ✓ \$25.00 to \$60.00 (assuming 1 month of service – costs would be less if used less than 1 month).
 - ✓ \$6.00 to re-energize service.
 - ✓ \$75.00 inspect service.

Thus in a 1 year cycle for 1 carnival and 1 month of service, costs would be approximately \$106.00 to \$141.00.

Estimate of Electrical contractor's scope and cost based on discussions with several electrical contractors including site review with Don Higgins on 4/9 (We are awaiting additional responses):

\$4,200.00 to \$4,900.00 this scope:

- Provide and install 2 poles including cable between poles.
- Provide 200 amps - 40 breaker panels with 5 receptacles and mount to one of the poles.
- Provide meter socket, install meter (provided by PECO) into meter socket and mount to one of the poles.

Per discussions with potential carnival vendors:

- Oscar's: they have their own generator and take equipment home each night after carnival. They may need 1 receptacle for freezer / refrigerator.
- Majestic: awaiting their response.

SOLICITOR

Mike D'Agostino stated a conditional use application was forwarded to McCarthy Tire and Auto in regards to new business on Nealy Blvd. In regards to Council interest in a Junior Council, he spoke to a Ridley Township Councilman in regards to a Junior Council, they will be sending information. Called an Executive to discuss legal matters.

OLD COUNCILMANIC BUSINESS

None

NEW COUNCILMANIC BUSINESS

Councilman McDaniel asked again about the procedure for selling Borough property. An interested party is interested in putting storage for a landscape business and possibly building a residence. Property must be auctioned to the highest bidder. Zoning of property needs to be checked. It was decided to further discuss the matter at the next Workshop meeting.

QUESTIONS AND COMMENTS FROM AUDIENCE

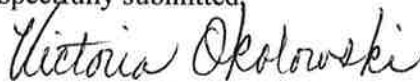
A resident from 5th St. stated she believed that there is to be no basketball in the streets stating that kids are playing behind her house. They leave trash and the ball is hitting her vehicle. President Maher told her to call the police because there is an Ordinance against it. She also stated there is a vacant property, 4213 5th, next to her that has a lot of water in the yard and the kids are putting down wood, (with nails) for a ramp to walk across the area. She believes it is bank owned and said that the bank sent someone out at one time to clean up the property. Council stated that they would look into finding out the owner. Councilman McDaniel stated he received complaints about a property at 3531 13th St. in regards to a neighbor putting trash in between the fences.

Resident Paul Barnard asked if the payroll issue had been resolved, stating he could not be given a breakdown of payroll and a profit and loss statement that he asked for. President Maher stated that Vicki is working with the Auditors on this matter.

ADJOURNMENT

President Joe Maher called for a motion to adjourn at 7:39pm; Councilman Cassidy made a motion to adjourn, Councilman McDaniel seconded the motion all councilpersons present voted affirmative.

Respectfully submitted,



Victoria Okolowski
Borough Secretary

August 13, 2015

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with President Joe Maher calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

- Frances Zalewski – Mayor
- Joseph Maher – President
- James Cassidy – Vice President
- Regina Beck – Councilwoman
- Ed McDaniel – Councilman
- Awilda Burgos - Councilwoman

- Mike D’Agostino – Solicitor
- Eileen Nelson – Engineer

ABSENT

- John Mathews – Councilman
- Greg Miley – Councilman

MINUTES

The minutes of the July meeting were motioned for approval by Councilman Cassidy to accept and seconded by Councilwoman Burgos; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned, the July bills for approval by Councilman Cassidy and seconded by Councilwoman Beck. All councilpersons present voted affirmative.

JULY GENERAL FUND BILLS

Paychex Invoice	July Monthly Payroll	-149.05
Charles Thompson	Reimburse park rental fee 6/27	-125.00
Auto Tag Store	Transfer Title for 2009 Ford	-15.00

T Frank McCall's Inc	Bldg supplies	-218.32
Talley's Garage & Towing	Police Vehicles	-215.00
Chester Water Authority	Penna. Ave.	-36.30
Chester Water Authority	Highway Garage	-50.13
Chester Water Authority	Hydrants	-1,195.10
E & S Auto Parts, Inc.	Police Vehicles	-17.98
Videon	Police Vehicles	-430.55
Aston Sunoco	Police Vehicles	-107.00
Boates Brothers General Contract	Window repair Langley St.	-150.00
PECO	Penna. Ave.	-32.57
PECO	HJ Park	-23.80
PECO	Highway Garage	-46.32
Charles Higgins & Sons	Street Lighting	-103.86
#1 Car Wash Inc.	Clean Police Vehicles June	-200.00
Stantec Consulting Services	Professional Services	-3,211.00
Michael S. D'Agostino	Professional Services June	-1,060.00
Home Depot	Memorial Day Flowers	-38.38
Comcast Cable	CC Police	-57.58
Sunoco - SunTrak	Police vehicle Fuel	-2,169.34
DCIU	Health Benefits	-18,154.55
Wayne Radio & TV Service	Police	-725.00
Atlantic Tactical	Police	-44.90
Best Friend Pet Care	Boarding for Ozzy	-293.00
Galls Incorporated	Police	-139.00
Marcus Hook Borough	Fire Truck June payment	-274.04
Marcus Hook Borough	Fire Station June payment	-1,218.13
J. Michael Sheridan, Esq.	Professional Services	-750.00
Paychex Invoice	July 10 Payroll	-97.28
Repine, Robert W	Reimburse for Millers ammo	-37.10
M/G Performance Products	Police	-65.95
Marcus Hook Hardware Co	Police batteries	-19.90
De Co Community College	Act 180 Training	-615.00
Comcast	Phone VOIP	-323.36
Comcast Cable	Cable, TV, Internet	-263.02
Chester Water Authority	Municipal Bldg	-49.98
PECO	Underpass Lighting	-38.84
PECO	Municipal Bldg	-828.45
PECO	Street Lighting	-2,195.05
Staples Advantage	Office supplies	-265.91
Boates Brothers General Contract	Highway Garage repair	-4,579.27
U.S. Armor	Police	-1,158.32

- **Monroe Energy Cooling Water Towers**

On July 16, 2015 we notified all involved project representatives per email that the latest submission from Weston Solutions for the Flood Plain delineation, dated July 7, 2015, was acceptable and advised the Borough to have Jean Beck sign the Overview and Concurrence Form for distribution to Monroe

Weston submitted revised erosion and sediment control plans on August 3. We are reviewing these along with the stormwater management plans.

- **Chester Water Authority 2614 Water Main Rehabilitation Project**

CWA advised the majority of the punch-list items are complete and we are awaiting their notification when all items are finished.

- **Eske Developers. LLC - Nealy Blvd. (McCarthy Tire)**

A copy of the executed Resolution #1019 was sent to Tamora Building Systems on July 21, 2015. We reviewed revised plans submitted July 17 and sent an email with our remarks to the engineer and developer. The developer forwarded to our office revised plans via email today and advised hard copies will be delivered on August 6. We are awaiting the revised Cost of Improvement Estimate.

- **PECO Transmission Line**

A letter was sent to URS Corporation on July 20, 2015 regarding the PECO Linwood to Chichester 230kV transmission line for the NPDES permit.

- **Floodplain Ordinance**

We worked with the DCED Floodplain Administrator for updating the Ordinance and advertised for adoption at the August 13 Council meeting.

- **Pothole Patching Agreement**

PennDOT has issued an "Information to Know" to municipalities regarding Pothole Patching Agreements (attached). They are asking if the Borough would like to assist PennDOT for repair of severe potholes on State Routes during the 2015-2016 winter season. The agreement would only be used if PennDOT could not handle the repairs in a reasonable amount of time and PennDOT will pay \$342.84 per ton of material for manual patching. We need to further investigate if the liability transfers to the borough of making repairs on state roads.

- **NPDES — Draft Permit - PAG-13**

The original public comment period ended on July 29. I submitted comments related to concerns for the change in the permit to not allow non-chlorinated pool water discharge and also questioned how they propose to specifically attribute pollution reduction to individual municipalities throughout the watershed, as water doesn't know where the boundaries are. We have just been notified they extended the public comment period to August 31, 2015

- **Electrical Work for Carnival**

We have supplied additional information to Councilman Cassidy regarding PECO's charges.

SOLICITOR

Mike D'Agostino stated that the finalizing of the ESKE Agreement for McCarthy Tire Service is moving forward. He prepared a draft Ordinance in regards to cats in the Borough for review and decision.

OLD COUNCILMANIC BUSINESS

None

NEW COUNCILMANIC BUSINESS

Councilman Cassidy stated that he is aware of 2 rumors around town that he wants to correct. The first that he is the one who brought up the Ordinance to enforce the Full-Time employees must be residents or take up residency within 6 months. This is not true and the person I was told said it, denies it. Second is that he is looking to raise taxes. As he has mentioned several times throughout the year about spending so we do not have to raise taxes, this statement is also untrue. Also stated that some members of Council would like to take the Borough forward but statements like this make it hard to do our job. Please come to somebody first before passing rumors around. A Wegman's store will be opening soon and are taking applications and Chichester School District is in need of bus drivers and aids.

President Maher announced some upcoming events for the Borough including Community Day, Bingo, Car Show and Hayride. As the Mayor previously stated, it depends on volunteering whether some of these activities are carried on in the future.

QUESTIONS AND COMMENTS FROM AUDIENCE

Resident Chuck Miles asked about the Veteran's Memorial at the now closed VFW, asking if there was a way for the Borough to obtain it for a memorial at the top of Veteran's Drive, which was the intent years ago when the road was named. Councilman Cassidy will make contact with proper authority on the matter. He also asked if the CEDA program was still available to hire help. Council stated that it was not, due to liability insurance reasons.

The pastor from Ascension Holiness Church on 3rd St. noticed the swings are missing at the 3rd St. playground. Council explained that the swings were replaced twice and vandalized both times. He stated the children have nothing to do and are playing in the street. He asked if there was a solution to find out who was vandalizing. Council stated that is the reason there are no basketball courts in the Borough, the Pastor inquired about indoor basketball. It was stated that Trainer Methodist Church hosted indoor basketball and had problems.

Resident Paul Barnard stated he assumed there was a policy of, no texting while driving, in the Borough continuing that he saw a Police Officer texting while driving on duty. Mayor Zalewski stated she would notify the Chief.

ADJOURNMENT

President Joe Maher called for a motion to adjourn at 7:55 pm; Councilman Cassidy made a motion to adjourn, Councilwoman Beck seconded the motion all councilpersons present voted affirmative.

Respectfully submitted,



Victoria Okolowski
Borough Secretary

November 12, 2015

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with President Joe Maher calling the meeting to order at 7:00 p.m. Eastern Standard Time.

An Executive meeting was called before the start of the regular meeting on this date to discuss an agenda to be voted on tonight.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

Frances Zalewski – Mayor
Joseph Maher – President
James Cassidy – Vice President
John Mathews – Councilman
Regina Beck – Councilwoman
Ed McDaniel – Councilman
Awilda Burgos - Councilwoman

Mike D'Agostino – Solicitor
Eileen Nelson – Engineer

ABSENT

Greg Miley – Councilman

MINUTES

The minutes of the October meeting were motioned for approval by Councilperson Cassidy to accept and seconded by Councilperson Burgos; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned, the October bills for approval by Councilperson Mathews and seconded by Councilperson Beck. All councilpersons present voted affirmative.

OCTOBER GENERAL FUND BILLS

Marcus Hook/Trainer Fire Dept	Firefighter's Relief 2015	-9,797.57
PA Municipal Retirement System	2015 Act 205 MMO State Aid	-7,674.00
TD Ameritrade FBO 913031648	2015 Act 205 MMO State Aid	-267,778.00
Paychex Invoice	Oct. 1 monthly payroll	-128.05
Paychex Invoice	Oct. 2 payroll	-97.28
Talley's Garage & Towing	Police Vehicles	-1,385.28
Aston Sunoco	Police vehicles	-1,147.97
Staples Advantage	Office supplies	-655.80
Burke Landscape Supply	Invoice #24007	-55.10
PECO-Underpass Lighting	Underpass Lighting	-1.31
PECO Street Lighting	Street Lighting	-2,232.31
PECO - Municipal Bldg.	Municipal Bldg.	-842.59
Peco- Penna. Ave	Pena. Ave.	-56.24
Intercon Truck Equipment, Inc.	Dump Truck tarp, step ladder	-244.95
Charles Higgins & Sons	Traffic Lighting	-65.00
Pa One Call System, Inc.	Monthly fax service	-15.24
Global Security Systems, Inc.	Municipal Bldg. security	-120.00
Home Depot	Bldg. light bulbs	-91.38
Comcast Cable	CC Cable	-58.27
Galls Incorporated	Dump Truck Lighting	-167.38
Foulk Lawn & Equipment, Inc.	Highway tractor parts	-131.15
Sunoco - SunTrak	Police vehicle fuel	-2,088.71
Chester Water - Hydrants	Hydrants	-1,195.10
Drugscan, Inc	Lab testing	-840.00
#1 Car Wash Inc.	Clean Police Vehicles September	-270.00
Joseph Maher	Hayride donations	-350.00
Marcus Hook/Trainer Fire Dept	2015 3rd 1/4 Appropriation	-9,250.00
De Co Animal Control	Animal Control	-340.00
Drugscan, Inc	Lab testing	-168.00
Broomall Truck & Auto	Police vehicle	-75.00
Association of Mayors	Dues 2015	-60.00
Maddren Law Office	Police negotiations	-423.00
Integral Systems Corp	Computer maintenance/repair	-1,500.00
Padco Financial Services	DocStar	-130.00
General Code	Annual Fee	-1,195.00
21st Century Media	Advertising	-553.03
De Co Solid Waste Authority	Sept. tipping fee	-3,587.10
Chester Water - HJP	HJ Park	-118.06
Chester Water - Municipal	Municipal Bldg.	-67.42
PECO - Park	HJ Park	-23.81

CODE ENFORCEMENT OFFICER

See public safety report.

TAX COLLECTOR

President Maher read the monthly report for October as follows: Total uncollected as of 10/31 is \$133,803.02. Total collected as of 10/31 is \$1,072,524.52. Total outstanding bills are 215. September report was updated on October 27, 2015 to be amended at November Council meeting. The update is reflected in the October minutes.

SCHOOL BOARD DIRECTOR

Mary Magaw was absent.

MONROE ENERGY

Adam Gattuso was absent.

ENGINEER

Eileen Nelson stated the De. Co. Hazardous Mitigation is being updated. They have added some categories such as terrorism and cyber. Will put it together and bring to Council. The 2016 CDBG applications are due January 11th. We have advertised a coordinated public hearing required, for the December 10th Council meeting. Spoke with the Office of Housing and Community Development as we have been unsuccessful in the past few years, to ask for their guidance in the types of applications. They stated the applications they have received and thought were deemed were pushed onto County Council. Advised to have a good project but maybe take a more political avenue that may be more fruitful.

DEP has advised the updates to the MS4 permit information that must be updated on the website and annual inspections of the stormwater systems have been performed at the required sites and in accordance with the permit requirements.

The DCNR grants were contacted asked for the status of the decisions for the application. Their budget impasse is holding up the announcements.

Engineer Report

▪ **Trainer Pointe**

Construction is on-going.

▪ **Monroe Energy Cooling Water Towers**

On October 29, a meeting was held at Borough Hall with Monroe reps., Weston, several Council members, and the Mayor, regarding requirements for ACT 247 Land Development for submission to the County and Borough for this project as well as requirements for upcoming projects. As a result, the letter regarding adjacent property owners notifications was completed and forwarded to Monroe for inclusion in their response to FEMA and they submitted the 247 Application to the Borough and County Planning.

▪ **Chester Water Authority Water Main Rehabilitation Projects**

We confirmed the 2014 project punch-list items are complete and notified CWA of this.

On October 23, 2015 Michael Kozlowski met with a CWA rep. to review the paving limits where the Borough roads meet Post Road for the 2015 CWA project and found the mark-outs are in accordance with the Borough ordinance. While on site the Owner of the Post Road Bistro expressed her concern of vehicles being unable to park along Post Road in front her business at various times due to construction underway. She also complained of lack of communication and scheduling information from the contractor. During this visit the south side of Post Rd. was closed and one-way traffic was being directed along the north lane. The CWA rep. and Mike advised vehicles may park along Post Road in front of her business as there is a parking lane with a bike lane dividing the parking area and driving lane. She parked her vehicle there. The CWA rep. indicated he would keep her posted with scheduling information. Mike advised he would notify the Borough which was done per a phone call with Councilman Maher.

On October 30 I met with a CWA rep. and their contractor regarding the functioning of the traffic signal loop at Smith and Post. The CWA rep. pointed out the deteriorated condition of the traffic loops exposed within the concrete apron on the Monroe driveway which has almost disintegrated. These broken loops were outside of CWA's work. With respect to the Smith St. side, there was evidence of prior patching. We need to determine responsibility.

▪ **Eske Developers, LLC - Nealy Blvd. (McCarthy Tire)**

The developer forwarded an email from PA DEP noting their letter regarding the Planning Module Exemption is being prepared therefore we notified the developer and Borough code officials further building permits may be issued at this time.

We have been performing site observations with the site work in progress including the seepage bed, E&S controls, etc.

▪ **PennDOT Infrastructure Items**

We forwarded property information to PECO per their request showing they appear to own the property where the sidewalk is undermined at pole #419 along 9th Street. PECO is reviewing and we are awaiting their response.

SOLICITOR

Mike D'Agostino asked if there were any bids received, that need to be opened, for the Borough property at 4121 Pennsylvania Ave. Since there were no bids he stated the Borough would need to advertise again to open may received bids at the Dec. 10th Council meeting and needed a motion to authorize advertisement. Councilperson Cassidy made the motion to advertise, Councilperson Beck seconded the motion. All Councilpersons present voted affirmative.

A motion is needed to adopt the amendment to Ordinance 745 Employees living in the Borough. Councilperson Beck made the motion to adopt the amended Ordinance, Councilperson Burgos seconded the motion. All Councilpersons present voted affirmative except for Councilperson Cassidy who opposed, stating there was already an Ordinance in place to address the issue.

A motion is needed to amend Ordinance 746 Parks and Recreation to include the Borough limits and defines what a weapon is in regards to hunting. Councilperson Cassidy made the motion to amend the Ordinance, Councilperson Mathews seconded the motion. All Councilpersons present voted affirmative.

OLD COUNCILMANIC BUSINESS

None

NEW COUNCILMANIC BUSINESS

None

QUESTIONS AND COMMENTS FROM AUDIENCE

Chuck Miles asked about the Coupon class date and time which is Jan. 17 at 1:00 and about the official election results. President Maher stated the County Election Bureau would have that information.

Terry Miley asked what time the Pet pictures with Santa is, which will be 12pm – 3pm. She asked if the water bill would go up due to work on the sewers. The Borough is not aware of any increase. Eileen stated that sometimes an increase in a water bill may be from a leak somewhere.

Terri Millard asked Mayor Zalewski if there was any investigation to determine where over a million dollars went from the sewer fund. Zalewski stated the past Solicitor told her that a past Chief hired 5 full-time police officers with grant money, when the grant money ran out they still needed to be paid. There were sewer repairs paid for. It wasn't stolen, it was used for expenses.

A resident from the Mobile Home Park expressed not having enough activities in the area for the children. President Maher stated that the play areas and basketball courts have been getting vandalized and the Borough cannot keep replacing damaged equipment but the Borough has discussed the need for an indoor

facility to provide recreation that is a controlled environment. We do have Trainer Youth Assoc. but the participation has declined and right now they only have cheerleading.
Marilyn Maher stated that the events are kept updated on the website at trainerboro.com.

ADJOURNMENT

President Joe Maher called for a motion to adjourn at 7:42 pm; Councilperson Cassidy made a motion to adjourn, Councilperson McDaniel seconded the motion all councilpersons present voted affirmative.

Respectfully submitted,

A handwritten signature in cursive script that reads "Victoria Okolowski".

Victoria Okolowski
Borough Secretary

▪ **Eske Developers, LLC - Nealy Blvd. (McCarthy Tire)**

The developer forwarded an email from PA DEP noting their letter regarding the Planning Module Exemption is being prepared therefore we notified the developer and Borough code officials further building permits may be issued at this time.

PA DEP approved the Planning Module Exemption per their letter to the Borough dated October 28, 2015.

We have been performing site observations with the site work in progress including the seepage bed, E&S controls, etc.

▪ **PennDOT Infrastructure Items**

We forwarded property information to PECO per their request showing they appear to own the property where the sidewalk is undermined at pole #419 along 9th Street. PECO is reviewing and we are awaiting their response.

We emphasized to PECO the urgency of this issue due to the potential safety impact to the public including ADA access.

▪ **Delaware County Hazard Mitigation Planning**

I attended a meeting at the Delaware County Emergency Services building this evening and will provide a synopsis of the meeting.

▪ **FY 2016 CDBG Project**

Applications are due January 11, 2016. We coordinated with the Borough for the advertisement of the public hearing to be held at the Council Meeting on December 10, 2015. We spoke to the OHCD office regarding their input and assistance for prior and upcoming applications. They mentioned all of the prior applications and projects solidly met CDBG requirements and that final decisions are made by County Council.

▪ **NPDES MS4 Permit**

DEP advised they have a new website and links regarding the program have been updated per their 11/6/15 email (attached). We recommend the Borough update their website accordingly.

We have performed an annual inspection of the stormwater management systems at the required sites in accordance with permit requirements.

▪ **DCNR C2P2 Grant**

Our office inquired as to the status of decisions for applications and was informed the budget impasse is holding up the announcements.

cc: Vicki Okolowski / Fran Zalewski / John Mathews / Jim Cassidy / Joseph Maher
Jean Beck / Gregory Miley / Awilda Burgos / Everett McDaniel
Michael D'Agostino, Esquire

TRAINER BOROUGH - ENGINEER'S REPORT

▪ **Trainer Pointe**

Construction is on-going.

▪ **Traffic Signal Loop at Smith and Post**

Higgins informed they installed the new video camera at the Monroe driveway and the CWA advised they replaced the loop at Smith Street. We will inspect to ensure this has been completed properly.

We observed the signal and found it was operating properly.

▪ **Eske Developers, LLC - Nealy Blvd. (McCarthy Tire)**

The developer completed the items required for the certificate of occupancy and the building has been occupied. We are working with the developer for the completion of outstanding items.

▪ **Infrastructure Items**

PECO has agreed to repair the sidewalk undermined at pole #419 along 9th Street. We are waiting their schedule.

PECO advised they repaired the settled roadway patch at 13th and Langley reported by the Borough.

▪ **FY 2016 CDBG Project**

We are preparing the application for sidewalk improvements, which is due on January 11, 2016.

The application was submitted to the OHCD on January 11, 2016.

▪ **MS4**

We encourage the Borough to continue with MS4 requirements during this 3rd year of the renewal permit, which covers the period through June 30, 2015 including regularly soliciting public involvement and advertising 1 public meeting per year.

▪ **Monroe Energy**

Weston has gotten notification that FEMA has approved the revised delineation. We are reviewing in order to issue Stormwater and Flood Plain consistencies letters for their respective projects as required by PADEP.

cc: Vicki Okolowski / Fran Zalewski / John Mathews / Jim Cassidy / Joseph Maher
Jean Beck / Gregory Miley / Awilda Burgos / Everett McDaniel
Michael Sheridan, Esquire

February 11, 2016

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with President Regina Beck calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

- Frances Zalewski – Mayor
- Regina Beck – President
- Joseph Maher – Vice President
- John Mathews – Councilman
- James Cassidy– Councilman
- Awilda Burgos - Councilwoman
- Ed McDaniel – Councilman
- Greg Miley – Councilman

- Eileen Nelson – Engineer
- Mike Sheridan – Solicitor

ABSENT

*The meeting began with a required public hearing, which was advertised, in regards to the adoption of Ordinance 748 Amendment to zoning changes. Mike Sheridan read the changes in the Ordinance to remove hospitals and Sanatoriums out of the Residential District and place them into the Industrial District. A Court Reporter was present to take transcript of the hearing. As of today there have been no land development plans submitted for the property at 825 Main St. Sheridan stated the hearing was open for public comment.

A resident asked where the Industrial zones were in the Borough. They are Nealy Blvd., the refinery on Post and part of 9th St.

Richard Cropper, 7th St. stated as a resident and member of the Zoning Board I would hope the Board takes this seriously and amends the changes to the ordinance.

Marilyn Maher, Price St. is in favor of the Ordinance adoption. Questioned the houses sold not being able to use except for residential, which is correct.

Alexander Carpenter, 9th St. stated she lives right next door to the Funeral Home and is in favor of the adoption. Also stated she did not like the idea of the change to be near a park (Nealy Blvd)

Ralph Miles, 9th St. stated as a lifelong resident stated that the amendment is the best thing the Borough can do and appreciates doing the right thing for the residents.

Michael Carpenter, 9th St. stated he was new to the neighborhood and put a lot of work in his home and wanted to introduce himself and he appreciates what the Borough is doing.

Marc Spisak, 3rd St. stated he is against the proposed amendment. He stated that the Borough is limiting the use of the property for sale. He feels that they are denying services to some people in their own

Community. He feels it is a bad move and inconsiderate to some people. Sheridan stated it was not being completely removed from the Borough zone. Spisak stated that an Industrial zone is undesirable.

A resident stated that she has a son with disabilities and does not believe that the change would apply to him. There are other options for those with disabilities.

Michelle Holloman, 3rd St. stated she is for the change even though her brother is an addict and rehab facilities like this are necessary she agrees with the proposal.

Sheridan asked the Court Reporter to mark as an exhibit and attach to the transcript, the different documentation to show proper advertisement and copies of the Ordinance were placed where they needed to go to be viewed by the public as required by statute. The public hearing will closed, the Ordinance is available for adoption now or during the regular part of the meeting. Council decided to act on the adoption presently. Councilman Maher made a motion to adopt the amended Ordinance 748, Councilman Mathews seconded the motion. All Councilpersons present voted affirmative. Motion was carried.

MINUTES

The minutes of the January meeting were motioned for approval by Councilperson Cassidy to accept and seconded by Councilperson Maher; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned, the January bills for approval by Councilperson Mathews and seconded by Councilperson McDaniel. All councilpersons present voted affirmative.

JANUARY GENERAL FUND BILLS

United States Postal Service	roll stamps code office	-49.00
Paychex Invoice	Jan 5 monthly payroll	-177.19
Paychex Invoice	Jan 8 payroll	-109.00
#1 Car Wash Inc.	Clean Police Vehicles December	-205.00
Aston Sunoco	Police vehicles	-3,301.76
De Co Animal Control	Animal Control	-160.00
Broomall Truck & Auto	Police vehicles	-1,760.80
B&L Disposal	Trash Service	-5,900.00
Talley's Garage & Towing	Police Vehicles	-542.00
Integral Systems Corp	Computer Maintenance/Repair	-1,500.00
Peco- Penna. Ave	Penna. Ave electric	-65.35
PECO - Garage	Highway Garage	-286.86
PECO - Municipal Bldg.	Municipal Bldg	-716.29
Chester Water - Hydrants	Hydrants	-1,195.10
Chester Water Authority	Penna. Ave.	-36.30
Chester Water - Hwy garage	Highway Garage	-77.79

ENGINEER

Eileen Nelson drafted and read Resolution 1023 for Monroe Energy Cooling Towers which needs a motion to accept. Councilperson Maher made a motion to adopt Resolution 1023, Councilperson Cassidy seconded the motion. All Councilpersons present voted affirmative.

Eileen Nelson stated Resolution for 2016 County Aid Application needs a motion to accept. They offer a sum of \$2,565.00 on an annual basis to assist the Borough on road projects. Councilperson Mathews made a motion to adopt Resolution 1022, Councilperson Maher seconded the motion. All Councilpersons present voted affirmative.

Engineer's Report

- **Trainer Pointe**
Construction is ongoing.

- **Infrastructure Items**
PECO repaired the sidewalk undermined at pole#419 along 9th St.

- **Monroe Energy**

Area 3 Cooling Towers

On January 25, 2016, a floodplain consistency letter was sent to Weston Solutions, Inc. We reviewed the revised plans for land development with remarks in our February 3, 2016 review letter. We will prepare for the February 11 Council meeting a Conditional Approval Resolution subject to compliance with our review comments. **The Resolution will be presented at tonight's meeting for Council consideration.**

Tier 3 Permit, Phase 1

On January 27, 2016, a stormwater consistency letter was sent to Weston Solutions, Inc.

- **2016 Highway Aid Application/Resolution**
The application/resolution was sent to the Borough on January 27, 2016 for adoption at the February 11th Council Meeting. A letter was sent to Capital Project Management on January 29, 2016 requesting funds for 2012, 2013, 2014 and 2015 be rolled over to 2016 which will result in a \$12,825 total for all 5 years. Capital Project Management mentioned that the funds from previous years may become unavailable and therefore encourages the Borough to use all available funds this year. We reviewed PennDot's updated Liquid Fuels Policies and Procedures and have attached a list of acceptable and unacceptable expenditures. **Three copies of Resolution No. 1022 will be presented at tonight's meeting for Council's consideration.**
- **2 Nealy Blvd – Lot 13**
We reviewed plans for exterior site alterations and have been working with the owner and their engineer regarding additional information needed for compliance.
- **Traffic signal loop at Smith and Post**
We update the traffic signal plan to show the new video detection and forwarded to PennDot on February 5.

- **MS4**

I will be attending a meeting with the CRC on Friday, February 12 and will pick-up the Borough's educational and outreach materials.

- **200 Price Street**

Charley Remaley advised GHD Construction Services has been contracted for the demolition of buildings and construction of the three sided pole barn to be used for storage. We informed Mr. Remaley that the project will require a land development submission.

- **Nealy Boulevard Escrow**

I researched our files and have copies of correspondence related to the original Subdivision Agreement for Tri-State Business Center in 1990 as well as attempts to track down the remaining \$52,262.43 (last correspondence dated 4/16/96). Per my conversation with Kyle Burch, he indicated the options at the time were to pursue litigation or notify the parties the Borough would not accept dedication without the road being brought up to standards. The latter was chosen by Council.

SOLICITOR

Mike Sheridan stated Ordinance 747 Act 44 DROP, approving INR to set up a DROP fund account. Councilperson Maher made a motion to set up the account through INR, Councilperson Mathews seconded the motion. All Councilpersons present voted affirmative.

Also a motion to appoint the Councilperson in charge of Finance to verify and sign for the DROP account. Councilperson Cassidy made a motion the motion to appoint Finance as signer, Councilperson Mathews seconded the motion. All Councilpersons present voted affirmative.

OLD COUNCILMANIC BUSINESS

None

NEW COUNCILMANIC BUSINESS

Councilman Cassidy asked Jean Beck to clarify the snow removal violations. President Beck stated there were 46 violations.

Councilman Maher requested a discussion to take place with Resident Doris McAfee in regards to listing the Borough owned property at 4121 Penna. Ave. for sale. The property was put out for bid twice and can now be listed with a realtor. Doris McAfee gave Council a comparison of properties to review.

QUESTIONS AND COMMENTS FROM AUDIENCE

A resident from 5th St. asked about the ground property across the street from her that has been for sale and auction stating the area flood. Eileen stated the owner had the floodplain re-defined, but that is as far as it went from the developer who abandoned the property.

Resident Marilyn Maher asked about dedicating the name plaques from the VFW, maybe at the Memorial Day service. Dick Cropper is going to try to find out the other missing name for the nameplate to replace. A re-dedication will be discussed.

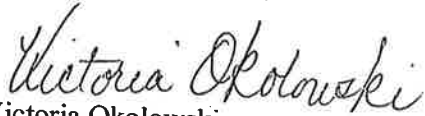
Resident Chuck Miles asked if amending the Ordinance tonight would definitely stop plans for across the street, which it would. He asked Councilman Mathews about the speaker system. Mathews stated it was originally a wireless system but it was interfering with the Police radio. The system was whistling and reverbing.

Resident Sherry Turek stated there is a large pothole on Chestnut St. that needs to be filled and a tree is down near Pileggi Park.

ADJOURNMENT

President Regina Beck called for a motion to adjourn at 7:55pm; Councilperson Cassidy made a motion to adjourn, Councilperson Maher seconded the motion all councilpersons present voted affirmative.

Respectfully submitted,



Victoria Okolowski
Borough Secretary

March 10, 2016

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with President Regina Beck calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

Frances Zalewski – Mayor
Regina Beck – President
Joseph Maher – Vice President
Awilda Burgos - Councilwoman
Ed McDaniel – Councilman
Greg Miley – Councilman

Eileen Nelson – Engineer
Mike Sheridan – Solicitor

ABSENT

John Mathews – Councilman
James Cassidy – Councilman

MINUTES

The minutes of the February meeting were motioned for approval by Councilperson Maher to accept and seconded by Councilperson Miley; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned, the February bills for approval by Councilperson Miley and seconded by Councilperson McDaniel. All councilpersons present voted affirmative.

FEBRUARY GENERAL FUND BILLS

The Auto Tag Store	Police vehicle tags and dup title (Petty cash)	-151.00
Paychex Invoice	Feb. monthly payroll	-137.19

US Postal Service	Large multiple license plates returned	-8.30
Paychex Invoice	Feb 5 payroll	-106.91
Public Agency Training	Police training (Grant)	-450.00
Aston Sunoco	Police Vehicles	-394.39
Talley's Garage & Towing	Police Vehicles	-325.00
B&L Disposal	Trash removal	-5,900.00
Peco- Penna. Ave	Electric Penna. Ave.	-79.44
PECO - Garage	Highway Garage	-505.77
Staples Advantage	Office supplies	-175.64
Home Depot	Bldg. paint	-114.78
Delcora	Sewer bills Municipal Bldg.	-161.43
Delcora	Sewer bills Penna. Ave.	-113.36
Comcast Cable	CC Cable	-64.50
PECO	2016 Land and Property Lease	-10.00
Chester Water - Hydrants	Hydrants	-1,195.10
A.R.D. Uniform	Police uniforms	-100.00
#1 Car Wash Inc.	Clean Police Vehicles January	-100.00
Goodyear Auto Service	Police vehicle tires	-559.00
Sunoco - SunTrak	Police vehicle fuel	-1,249.97
Taser International	Taser equipment	-4,064.08
US Postal Service	Roll Stamps Code Enforcement	-49.00
Motorist Life Insurance Co.	Life insurance Policy- Jones	-1,212.00
United States Postal Service	Large letter mailed	-6.70
Victoria Okolowski	Flash Drive Police Dept	-12.50
PSAB U/C Plan	2015 4th 1/4	-640.34
#1 Car Wash Inc.	Clean Police Vehicles January	-100.00
McCusker, Matthew	Reimburse Police training	-182.96
De Valley Vet Hospital	2016 Contract K9 Officer Musso and Ozzy	-750.00
Galls Incorporated	Police equipment	-306.96
Emergency Response of De Co.	2016 Membership Fee	-1,500.00
DCIU	Health Benefits	-19,078.33
Integral Systems Corp	Computer maintenance/repair	-300.00
United Concordia	Dental Coverage	-1,346.63
Padco Financial	DocStar	-130.00
Barbacane, Thornton & Co	Professional services	-1,500.00
Nextel	Cell phones January	-141.67
21st Century Media	Advertising	-572.98
Intercon Truck Equipment .	Highway plow light	-179.22
Pa One Call System, Inc.	Monthly fax service	-16.51
Broomall Truck & Auto Repair	Highway Dump	-912.45
De Co Solid Waste Authority	Tipping fees	-2,445.30

HIGHWAY/STREET LIGHTS

Councilman Miley stated he is in charge of the Highway workers and it is nobody else's business what they do. If you have a problem come to me, it is not to be brought up at a meeting. Addressed Eileen Nelson with a complaint received in regards to 800 Main where the water co. dug up the street to put a new line in. Was told the water co. says the Borough is responsible for it. Eileen will look into it and asked for Charley Remaley to call her to verify if there were any permits issued.

CODE ENFORCEMENT OFFICER

See public safety report.

TAX COLLECTOR

Councilman Maher read the monthly report for February as follows: Total uncollected as of 2/29 is \$1,113,183.12. Total collected as of 2/29 is \$93,346.02. Total outstanding bills are 744.

SCHOOL BOARD DIRECTOR

Mary Magaw had no report

MONROE ENERGY

Adam Gattuso had no report.

ENGINEER

Eileen Nelson stated as discussed at Caucus, there was a proposal for Trainer Industries asking for a waiver from the Borough for the land development process for a temporary structure as the EPA has ordered a cleanup of the site. Remediation is expected to be 3-4 years. Permits will still need to be issued and plans will be submitted to Eileen for review and approval. The waiver of land development process needs to be made in the form of a motion. Councilperson Maher made the motion, Councilperson Miley seconded the motion. All Councilpersons present voted affirmative.

Engineer's Report

- **Trainer Pointe**
Construction is ongoing.
- **Monroe Energy**
Area 3 Cooling Towers
Executed Resolution #1023 was sent to Monroe Energy on February 12, 2016 regarding the land development plans.

On February 16, I met with Monroe and Weston regarding Phase 1A NPDES Permit for Tier 3 sulfur project. We are currently reviewing plans.

▪ **2 Nealy Blvd – Lot 13**

We reviewed the plans and stormwater calculations and noted in our letter dated February 26 that work may proceed with condition that concrete bumper stops are placed along the new parking area to match existing.

▪ **Traffic Signal loop at Smith and Post**

A copy of the modified signal plan was sent to PennDOT on February 24, 2016.

PENNDOT has returned the approved signed copy. This should be provided to the signal maintenance contractor and a copy put in the controller cabinet.

• **MS4**

I attended a meeting with the CRC on February 12 and picked-up the Borough's educational and outreach materials and we will forward a copy of these at tonight's meeting.

We suggest the Borough advertise the annual public meeting for the April Council meeting. Attached is an article from the CRC materials and upcoming events.

▪ **Infrastructure Items**

PennDOT reviewed the storm drainage inlet and outfall pipe on 9th St. near pole no. 419 per our request and stated he believes the outfall pipe is not their responsibility but that they would monitor the functioning of the inlet and pipe during upcoming rain events and advise of their findings. We will further investigate responsibility.

• **200 Price Street-Metro Container**

Proposed land development is for the demolition of buildings and construction of a temporary pole barn as part of the EPA requirement for the clean-up of this Superfund site. We discussed with the Solicitor and advised GHD that Council would need to waive the land development requirements. GHD will present the project so Council can provide direction.

The request for the waiver of land development is on the agenda for this evening. Through their attorney, they have agreed to submit plans for review. Obtain the necessary permits, cover the reimbursable costs to the Borough and remove the temporary structure when remediation is complete (expected to be 3-4 years)

SOLICITOR

Mike Sheridan stated he needs direction from Council in regards to Mike D'Agostino holding escrow funds for three accounts. Sheridan is not comfortable holding escrow money. Council decided to have D'Agostino forward any escrow money directly to the Borough and will be deposited into escrow accounts in the General Fund. Eileen will check the escrow balances against her records. Councilperson McDaniel made a motion that Mike D'Agostino release the escrow money to the Borough. Councilperson Miley seconded the motion. All Councilpersons present voted affirmative.

Sheridan stated he was still looking into the medical reimbursements to the Police for co-pays and deductibles. The reimbursements to be paid are the difference in the amounts of the old Personal Choice plan and the current Keystone plan allowances. The FOP has been contacted in regards to the matter which still needs clarification.

Sheridan has been in touch with INR to set up account for the DROP and has paperwork to be signed to establish the account.

Sheridan stated he had a Personnel matter to discuss in an Executive.

OLD COUNCILMANIC BUSINESS

None

NEW COUNCILMANIC BUSINESS

None

QUESTIONS AND COMMENTS FROM AUDIENCE

Resident Chuck Miles asked about cleaning up the property at 4300 Ridge, stating there were building roof materials all over. Suggested that parking on the Ridge would allow more room if residents parked on more of an angle.

Resident Marilyn Maher asked who was in charge of the newsletters, stating they are in the hall in a box undelivered and the Easter Egg Hunt is next weekend. Councilman Miley asked Ed Kline if he and Jim McKay would deliver them as there are no volunteers.

Theresa Lessick of 5th St. stated that her neighbors' sewer line is tied into her house. Eileen Nelson will look into the matter.

An Executive session was held to discuss a personnel matter.

After the Executive, the meeting continued.

A motion was made to accept the resignation of part-time Officer Michellene Conte, the motion was seconded and passed unanimously.

ADJOURNMENT

President Regina Beck called for a motion to adjourn at 8:30pm; a second to the motion was made and passed unanimously.

Respectfully submitted,



Victoria Okolowski
Borough Secretary

TRAINER BOROUGH - ENGINEER'S REPORT

▪ Trainer Pointe

Construction is on-going.

▪ Monroe Energy

Area 3 Water Cooling Towers

Executed Resolution #1023 was sent to Monroe Energy on February 12, 2016 regarding the land development plans.

On February 16, I met with Monroe and Weston regarding Phase 1A NPDES Permit for Tier 3 sulfur project. We are currently reviewing plans.

Monroe will attend this evenings meeting to discuss a waiver of the Land Development Process.

▪ 2 Nealy Boulevard- Lot 13

We reviewed the plans and stormwater calculations and noted in our letter dated February 26 that work may proceed with condition that concrete bumper stops are placed along the new parking area to match existing.

▪ Traffic Signal Loop at Smith and Post

A copy of the modified signal plan was sent to PennDOT on February 24, 2016.

PENNDOT has returned the approved signed copy . This should be provided to the signal maintenance contractor and a copy put in the controller cabinet.

▪ MS4

I attended a meeting with the CRC on February 12 and picked-up the Borough's educational and outreach materials and we will forward a copy of these at tonight's meeting.

We suggest the Borough advertise the annual public meeting for the April Council meeting.

Attached is an article from the CRC materials 'Fertilize Your Lawn the Easy Way' regarding using grass clippings to fertilize your lawn in lieu of fertilizers which can pollute streams. We encourage the Borough to utilize the CRC materials such as this or other newsletter articles by posting on their website, in newsletters, etc.

Also attached are upcoming ads for events promoted by the CRC. We encourage the Borough, residents and businesses to consider attending/participating:

Fertilize Your Lawn the Easy Way

Disposing of grass clippings is the most labor-intensive part of mowing the lawn for many homeowners. You can skip all that work and let your grass clippings fertilize your lawn for free.

Grass clippings contain nitrogen and phosphorus and can fertilize your lawn naturally. This can cut or eliminate the need for additional fertilizers, which can damage our streams. Clippings can also be composted and used to create high-quality fertilizers for your garden.

Start mowing by making two or three passes blowing grass clippings into the center of your lawn, not the street or driveway. Make sure to mow when grass is dry so that clippings do not clump together. Set the mower to a height of 2½ to 3 inches to better hide clippings and keep a healthier lawn. Mow weekly in the spring and as needed through the summer.



Clippings left on your lawn will biodegrade quickly because they are 90% water. It should not cause thatch buildup. If the grass is very high (say, after returning from a vacation), consider making two cuts: a "trim" with the mower set high, followed a few days later by a cut to your regular length. This will give the clippings a chance to degrade into the lawn and avoid having long clippings covering the lawn.

To be sure you are giving your yard the nutrients it needs and not providing too much fertilizer, test your soil. Contact your local Penn State Extension office to order a soil test kit for only \$9-12 (Delaware County: 610-690-2655, Chester County: 610-696-3500).

For your lawn and your streams, keep your grass clippings on your lawn. Your wallet will also appreciate the change, as you will need fewer fertilizers and less water.

- **Sunday April 10, 2016 2:00 PM to 4:00 PM; A Citizen's Guide to Land Use and Water Quality with Featured Speaker Ann Hutchinson, Natural Lands Trust. Register at www.crcwatersheds.org**
- **Saturday, April 30, 2016 9:00 AM to 11:30 AM – 19th Annual CRC Streams Cleanup. Register at www.crcwatersheds.org**

▪ **Infrastructure Items**

PennDOT reviewed the storm drainage inlet and outfall pipe on 9th Street near pole no. 419 per our request and stated he believes the outfall pipe is not their responsibility but that they would monitor the functioning of the inlet and pipe during upcoming rain events and advise of their findings. We will further investigate responsibility.

▪ **200 Price Street- Metro Container**

Proposed land development is for the demolition of buildings and construction of a temporary pole barn as part of the EPA requirement for the clean-up of this Superfund Site. We discussed with the Solicitor and advised GDH that Council would need to waive land development requirements. GDH will present the project at tonight's Caucus meeting so Council can provide their desired direction.

The request for waiver of Land Development is on the agenda for this evening. Through their attorney, they have agreed to submit plans for review, obtain the necessary permits, cover the reimbursable costs to the Borough and remove the temporary structure when remediation is complete (expected to be 3-4 years).

cc: Vicki Okolowski / Fran Zalewski / John Mathews / Jim Cassidy / Joseph Maher
Jean Beck / Gregory Miley / Awilda Burgos / Everett McDaniel
Michael Sheridan, Esquire

April 14, 2016

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with President Regina Beck calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

An Executive session was called before the meeting for Personnel matters.

PRESENT

Frances Zalewski – Mayor
Regina Beck – President
Joseph Maher – Vice President
James Cassidy – Councilman
Awilda Burgos - Councilwoman
Ed McDaniel – Councilman

Eileen Nelson – Engineer
Mike Sheridan – Solicitor

ABSENT

John Mathews – Councilman
Greg Miley – Councilman

MINUTES

The minutes of the March meeting were motioned for approval by Councilperson Cassidy to accept and seconded by Councilperson Burgos; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned, the March bills for approval by Councilperson McDaniel and seconded by Councilperson Burgos. All councilpersons present voted affirmative except Councilperson Maher who opposed.

MARCH GENERAL FUND BILLS

Videon	Dodge Chargers	-20,913.06
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Victoria Okolowski	Petty Cash	-200.00
McKay, James H.	Bleach	-2.32
#1 Car Wash Inc.	Clean Police Vehicles February	-195.00
PECO - Garage	Highway Garage	-461.92
Peco- Penna. Ave	Penna. Ave	-62.13
Home Depot	Highway Truck wash	-50.00
Broomall Truck & Auto Repair	Highway Dump	-392.63
Charles Higgins & Sons	Street Light	-11.76
Red the Uniform Tailor	Police uniforms	-973.18
Wor-Wic Community College	Police training	-3.00
Charlie's Transmission Service Inc.	2007 Explorer	-800.00
Paychex Invoice	March monthly payroll	-137.19
Paychex Invoice	March 4 payroll	-104.83
Padco Financial Services, Inc.	DocStar	-130.00
Stantec Consulting Services Inc.	Professional Services	-9,487.75
United Concordia Life & Health	Dental Coverage	-1,269.43
Integral Systems Corp	Computer Maintenance/repair	-400.00
Nextel	Cell phones	-141.67
Red the Uniform Tailor	Police uniforms	-243.65
Radio Communications Service Co	Police vehicle computer mount	-124.00
Wayne Radio & TV Service	Radio Equipment (Grant)	-600.00
Delaware County Animal Control	Animal Control	-125.00
Drugscan, Inc	Lab Testing	-336.00
Brandywine Valley SPCA	Animal Control	-100.00
Sunoco - SunTrak	Police vehicle fuel	-1,342.46
Chester Water Authority - Hydrants	Hydrants	-1,195.10
Auto & Truck Outfitters	Police vehicle lift kit	-47.39
Talley's Garage & Towing	Police Vehicles	-467.00
Sandrose Trophies	Chief Clausen Plaque	-90.00
Staples Advantage	Office supplies	-504.31
Excel Business Systems	Police fax service	-105.00
Comcast Cable	Cable bill Police	-64.51
Paychex Invoice	March 18 payroll	-109.00
United States Postal Service	large letter mailed	-1.20
Marilyn Maher	Reimburse Easter 2016	-107.96
Express Printing	Police manuals	-520.00
Burke Landscape Supply	Hwy equip maintenance/repair	-666.95
Pa One Call System, Inc.	Monthly fax service	-12.70
Delaware County Solid Waste Authority	Feb tipping fees	-2,674.32
Red the Uniform Tailor	Police uniforms	-67.84
Chester Water Authority - Municipal	Municipal Bldg	-72.03

HIGHWAY/STREET LIGHTS

Councilman Miley was absent.

CODE ENFORCEMENT OFFICER

See public safety report.

TAX COLLECTOR

Councilman Maher read the monthly report for March as follows: Total uncollected as of 3/31 is \$498,959.23. Total collected as of 3/31 is \$707,569.91. Total outstanding bills are 257.

SCHOOL BOARD DIRECTOR

Mary Magaw had nothing to report

MONROE ENERGY

Liz Clapp was here to follow up on the land development waiver that was requested for future refinery projects. She is available to answer any questions.

ENGINEER

Mike Kozlowski led the MS4 Educational Outreach discussion. The discussion include a visual aid and hand-outs for residents to take with them. The discussion explained the MS4 permit requirements for the Municipality and ideas and ways residents can recycle and take part in keeping our waters clean such as rain barrels, litter, washing cars, lawn fertilizers and sidewalk salts.

Engineer's Report

- **Trainer Pointe**
Construction is ongoing.
- **Monroe Energy**
Representatives will be attending tonight's meeting to describe their request to waive the land development process for the Tier 3 sulfur project and future work.
- **MS4**
We coordinated with the Borough Secretary the website advertisement for the public meeting to be held at the April 14, 2016 Council Meeting. We will provide an overview of the program including opportunities for public participation.

We encourage the Borough residents and businesses to consider attending/participating in these upcoming events promoted by the CRC:

- Sunday April 10, 2016 2:00PM – 4:00PM; A citizens guide to Land Use and Water Quality with Featured Speaker Ann Hutchinson, Natural Lands Trust. Register at

Also noted is larger than normal reimbursements made to individuals for the out of pocket expenses for recreational functions such as Easter egg hunts, Memorial Day expenses. Many without receipts. Although these may seem like illegal activities, each and every one of the expenses noted, whether be wages or other, they were all approved by members of Council. When the expenses were read, no one questioned them, just voted affirmative.

Our parks are now open so please drive carefully through them, collar and clean-up after your pets, watch your children and enjoy.

Several local jobs are available. Chichester school is looking for bus drivers and aids, CVS in Chichester, Giant in Aston, Sunoco Logistics, Royal Farms and Walmart are all hiring. The Marcus Hook/Trainer fire company is still looking for volunteers.

The Memorial celebration is coming along well thanks to the generosity of some of our local businesses. Anyone who would like to donate, please contact the Borough Secretary.

One of the missing names on the plaque has been figured out with one more unknown. Hopefully by Memorial Day the name of the missing person will be figured out.

When complete, anyone who would like to plant flowers in the Memorial garden in memory of a loved Veteran, please do.

Anyone looking to help with any functions the Borough may be having, please contact the Borough Secretary or any Council person.

Reminder- Electronic pick-up at Community Center this Saturday.

Councilman Cassidy read the monthly fire report for March as follows: Total Alarms 22, Time in Service 20hrs 45mins, Total Man Hours 211hrs, Property Loss 0k, Injuries 2, Fatalities 0, and Pump Operated 1hr 46mins, Alarms 12.

MUNICIPAL BUILDING/RECREATION

Councilman Mathews was absent.

PUBLIC SAFETY/BOH

President Beck read March Code Enforcement report as follows: issued 9 building permits, 8 Contractor licenses, 6 C/O's, 4 zoning permit and numerous BOH and property maintenance violations which are being handled. It was stated that 14 letters were sent out for mattress disposal. People are receiving the newsletter but are not paying attention. Mattresses out for trash have to be covered, the trash contractor will not pick them up if they are not covered.

COMMUNITY OUTREACH/NEWSLETTERS

Councilwoman Burgos stated she had 3 computers donated to the Borough and the next few weeks they will be set-up for use by residents. The newsletter will provide the time and location that they can be utilized. She has the weatherization program applications available for homeowners and renters. Urged residents to use the program or the funds are not utilized they will be diminished. There is information on additional resources available and if there is something you need and don't see do not hesitate to ask.

COMMUNITY REDEVELOPMENT

Councilman Ed McDaniel stated is awaiting a return phone call from Logue Towing in regards to lots available for their business.

Resident Paul Barnard stated that the Borough had \$60,000 to fix Nealy Blvd. which disappeared. He stated the Engineers should have been aware of the situation. He feels the Borough owed it to the businesses to dedicate the road. Mike Kozlowski stated he would talk to Eileen Nelson about Barnard's comments. President Beck stated the money never got into the Borough's hand, it was in a bank. Resident Theresa Lessick asked about her sewer issue on 5th St. where her neighbor is tied into her sewer on one lateral. She and her husband stated their concerns about the issue and stating as tax payers something needs to be done. The Lessick's were advised to check the property deed to see if a prior agreement was arranged between previous home owner's and file a civil complaint with the District Court because it is private property.

Resident Bruce Moore stated there have been wires that appear to be older, hanging between 917 and 925 Chestnut St.

Resident Terri Millard asked if a flat fee was paid for trash removal further stating she has a friend who is a resident that put out a lot of trash and the trash co. would not pick it and the trash men knocked on her door to say they would remove the trash if they were given a tip. The homeowner has tried to contact the trash co. and has not received a return call. Solicitor Sheridan stated the Borough should contact the trash company to address the matter of the requested tip. Council stated that the company will not pick up trash more than 40 lbs. or 4 cans and twigs and such need to be bundled at a length of no more than 4 foot. She asked about the electronic pick-up scheduled and how to dispose of a refrigerator and dishwasher she has, asking if big trash would take it or if she had to take it to the pick-up site. Council stated she would have to have someone remove the Freon from the refrigerator and remove the doors from it and the dishwasher then both items should be picked up at the curb on big trash day. She stated there has been a street light on 24/7 on Chestnut St. which the Borough pays electric for. Councilperson Cassidy stated we pay a flat rate so it is only an issue if the street light was out and we were paying for it. She also asked about the meeting Minutes, stating only March items are listed and asked if there was anything for April. The minutes are always a month behind. April income and expenses could not be included as the month has not yet ended.

Resident Robin Bryant asked when the Electronic pick-up date was.

Resident from Post and 5th streets stated there are some residents that put trash out not in cans and some that put the trash out after it has already been picked up and it stays outside up against the properties.

Resident Marcia Kline stated neighbors are keeping trash cans outside of the fenced yards all week, sometimes making it hard to pass through the alley.

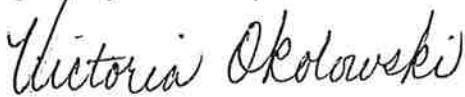
Resident Chuck Miles asked if permission would be needed from Council to plant trees in the Borough

An Executive meeting was held.

ADJOURNMENT

President Regina Beck called for a motion to adjourn at 9:08pm; Councilperson Cassidy made a motion to adjourn. Councilperson McDaniel seconded the motion. All Councilpersons present voted affirmative.

Respectfully Submitted,



Victoria Okolowski
Borough Secretary

May 12, 2016

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with President Regina Beck calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

Frances Zalewski – Mayor
Regina Beck – President
Joseph Maher – Vice President
John Mathews – Councilman
James Cassidy – Councilman
Awilda Burgos - Councilwoman
Ed McDaniel – Councilman

Mike Kozlowski – Engineer
Mike Sheridan – Solicitor

ABSENT

Greg Miley – Councilman

MINUTES

The minutes of the April meeting were motioned for approval by Councilperson Cassidy to accept and seconded by Councilperson McDaniel; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned, the April bills for approval by Councilperson Cassidy and seconded by Councilperson Maher. All councilpersons present voted affirmative.

APRIL GENERAL FUND BILLS

Gregory A Miley	Donuts and coffee Amtrak accident	-58.90
#1 Car Wash Inc.	Clean Police Vehicles March	-210.00
Global Security Systems	Police Keypad Service	-325.00

Construction is ongoing. We observed the site on April 28 and will work with the developer on punch-list related items.

- **Monroe Energy**

We are reviewing revised plans.

- **MS4**

Per DEP's request, a resolution will be presented at next week's Council meeting stating the Borough is using DEP's statewide program for some of the stormwater associated activities. **The Resolution will be presented at tonight's meeting.**

We performed the annual inspections of the BMP's on April 28.

Attached is an article from the CRC materials 'Healthy Yards, Clean Stream' regarding tips for cutting and fertilizing lawns to result in thicker, healthier and more environmentally-friendly lawns.

- **Infrastructure Items**

We reviewed the stormwater drainage inlet and outfall pipe on 9th Street near Pole no. 419 during a recent stormwater event. We found the end of the outfall pipe in a vegetated swale between the sidewalk and the creek. The end of the pipe is partly submerged in a pool of water.

- **200 Price Street-Metro Container**

We notified the developer per email on April 29 that the revised plans are acceptable. The developer advised they have begun work this week and we will plan site inspections.

- **Eske Developers, LLC – Nealy Blvd. (McCarthy Tire)**

We reviewed the site on April 28 and observed some of the punch-list items were finished. We are working with the developer for completing the outstanding items.

- **Nealy Boulevard**

We provided copies of documents from our files to Councilman Cassidy as requested.

- **FEMA Hazard Mitigation Grant**

We reviewed the Pennsylvania Emergency Management Agency (PEMA) circular forwarded by the Borough which provides guidance for the applications. We informed the Borough applications are due to PEMA May 18, 2016. We are requesting that the Borough review and advise if they have a project they want to pursue. **As requested by the Borough, we spoke to a PEMA representative regarding constructing a wall to protect the Borough Hall from potential flooding. They suggested this project is not a satisfactory match. They recommended that a FEMA Hazard Mitigation Unified Grant Program Letter of Interest form be submitted which may result in consideration for the project through this or other grant opportunities. We drafted the form for the Borough's signature. In addition, they advised of a PA Department of Community and Economic Development – Greenways, Trails and Recreation Program (GTRP) grant due June 30, 2016. Grants shall not exceed \$250,000 with a 15% match. Documents for this grant are attached for the Borough's review and consideration.**

A motion is needed to adopt Resolution 1024 Separate Storm Sewer System Permit. Councilperson Maher made the motion to adopt Resolution 1024. Councilperson Mathews seconded the motion. All Councilpersons present voted affirmative.

about possibly not meeting the budget this year. Maher stated his concern was that the budget reflected bringing in new business to the Borough, bringing in permit fees and taxes. As of now we don't have any new business. Miles concern is if the Borough will end the year in the hole. Maher stated no, that the concern is the budget may not balance at the end of the year.

Resident Doris McAfee asked about the patrol from animal control. Expressed concern about animals being picked up not from the Borough and the Borough being charged. The Police are supposed to be notified of all animals picked up.

Resident Erica Colon from 7th St. stated the issues she has with stray cats from a neighbor feeding them. She stated there is a tree on Borough property next to her house that has her home infested with box elder bugs. The Borough will get estimates to have the tree removed. The back of the property lines are also becoming overgrown and raccoons and groundhogs are hiding in it. The Borough will have their part of the properties overgrowth cut.

Reginald Duncan with Empire Athletics spoke about a youth program he is involved in and is interested in using Henry Johnson Park for some camp activities and football games. The program is free to kids and the organization is non-profit and insured. Council stated to check our calendar for available dates and pick-up an application at the Borough Office. Resident Irene Archacki stated she has contacted the Borough in regards to a neighbor property that has bedbugs. She had her property exterminated. The neighbors had removed infested mattresses and are storing them in an outside shed. The Borough will follow up on the issue.

Resident Marcia Kline stated her neighbor is putting trash out on the roof of their house. She asked what the Borough's Fiscal year was, which is Jan.1 thru Dec. 31.

Jeremy Hunter from Stoney Creek property stated the EPA just approved the property, freeing liabilities. The Borough will soon be paid the liens due and there are interested buyers for the property.

Councilman Cassidy requested an Executive meeting.

ADJOURNMENT

President Regina Beck called for a motion to adjourn at 8:15pm; Councilperson Cassidy made the motion to adjourn. Councilperson Mathews seconded the motion. All Councilpersons present voted affirmative.

Respectfully submitted,

Victoria Okolowski
Borough Secretary

TRAINER BOROUGH - ENGINEER'S REPORT

- **Trainer Pointe**

Construction is on-going. We observed the site on April 28 and will work with the developer on punch-list related items.

- **Monroe Energy**

We are reviewing revised plans.

- **MS4**

Per DEP's request, a resolution will be presented at next week's Council meeting stating the Borough is using DEP's statewide program for some of the stormwater associated activities. **The resolution will be presented at tonight's meeting**

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- **Infrastructure Items**

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- **200 Price Street - Metro Container**

We notified the developer per email on April 29 that the revised plans are acceptable. The developer advised they have begun work this week and we will plan site inspections.

- **Eske Developers, LLC - Nealy Blvd. (McCarthy Tire)**

We reviewed the site on April 28 and observed some of the punch-list items were finished. We are working with the developer for completing the outstanding items.

- **Nealy Boulevard**

We provided copies of documents from our files to the Councilman Cassidy as requested.

June 9, 2016

A regular meeting of the Council of the Borough of Trainer was held on the above date at the Trainer Municipal Building, 824 Main Street, Trainer, PA with President Regina Beck calling the meeting to order at 7:00 p.m. Eastern Standard Time.

PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

The meeting was opened with the Pledge of Allegiance to the American Flag and followed by a moment of silence.

PRESENT

- Regina Beck – President
- Joseph Maher – Vice President
- John Mathews – Councilman
- James Cassidy – Councilman
- Awilda Burgos - Councilwoman
- Ed McDaniel – Councilman

- Eileen Nelson – Engineer
- Mike Sheridan – Solicitor

ABSENT

- Frances Zalewski – Mayor
- Greg Miley – Councilman

MINUTES

The minutes of the May meeting were motioned for approval by Councilperson Mathews to accept and seconded by Councilperson Cassidy; all councilpersons present voted affirmative.

GENERAL FUND

It was motioned that the proper Borough Officials be authorized to draw orders on the Borough Treasure in favor of the following persons and in the amounts shown. Where such orders have already been drawn, the actions of the Borough Officials in so doing be ratified and confirmed. It was motioned, the May bills for approval by Councilperson Cassidy and seconded by Councilperson Mathews. All councilpersons present voted affirmative.

MAY GENERAL FUND BILLS

Paychex Invoice	May monthly	-87.19
United States Postal Service	Stamps Code office	-47.00
Carl J. Spangler, Jr.	Professional Services Rendered April	-170.00

TAX COLLECTOR

Councilman Maher read the amended monthly report for May as follows: Total uncollected as of 5/31 is \$135,401.50. Total collected as of 5/31 is \$1,071,127.64. Total outstanding bills are 180.

SCHOOL BOARD DIRECTOR

Mary Magaw was absent.

MONROE ENERGY

Adam Gattuso absent.

ENGINEER

Eileen Nelson

Engineer's Report

- **Trainer Pointe**
Construction is ongoing. We are working with the developer on punch-list related items.
- **Monroe Energy**
Tier 3 Low Sulphur – Phase 1A ULSG Construction and Facilities Erosion Control Permit
We issued our review letter dated May 19, 2016 noting the revised plans are adequate. Final NPDES approval was granted by PADEP on the same date. We have requested notification of the required Pre-construction meeting date.
- **MS4**
DEP advised information for the renewal permit effective March 16, 2018 has been finalized and is published in the Pennsylvania Bulletin. The Notice of Intent (NOI) to renew is due September 16, 2017. We are reviewing the information.
- **Infrastructure Items**
We notified PennDOT again of the inlets being lower than the road surface at the bridge over Marcus Hook Creek on Township Line Road and are awaiting their response.
- **200 Price Street-Metro Container**
Construction is underway. We reviewed the site on May 17, 2016.
- **Eske Developers, LLC – Nealy Blvd. (McCarthy Tire)**
We are working with the developer for completing the outstanding items.
- **FEMA/DCED Grants**
We submitted to PEMA the FEMA letter of interest form for the construction of a wall/barrier behind Borough Hall to protect from potential flooding.
We informed the Borough that we spoke to Mr. Ryan Emerson, a representative with the PA Department of Community and Economic Development regarding the Greenways, Trails and Recreation Program (GTRP) grant concerning the following:
 1. Repaving the roadway through Henry Johnson Park: he advised this is **not** a fit with the grant

stated the flags went with the markers and were removed to re-use them. Miles asked where the markers were and Cassidy stated they would be coming down here to Borough Hall. The wreath from the American Legion was also taken from the site, Councilman Mathews stated that the Legion may have come the next day to collect it. Miles apologized for painting the Pavilion area where his dad's plaque was and stated he removed the paint. His father's plaque has also since been removed from the pavilion. Nobody knows where the plaque is. Miles asked the Borough to replace it.

A Resident from Chestnut St. stated the street light is missing from around the Community Center and the area is dark. There is also a man who passed and someone was cleaning out the house and putting it all in the yard and the grass is high stating she has reported the incident. Other residents also complained about the conditions of Chestnut St. properties. Tressa Valtri of Chestnut St. stated she sees drug activity in front of her house.

Michelle Holloman of 3501 W. 3rd St. stated she just bought the house and is doing a lot of work. There is debris on her property and will be getting a dumpster asking the Borough to have a little patience as it will be cleaned up.

Resident Robin Rokicka and another resident stated there is a bad cat nuisance around 5th and Main St. A resident left 14 cats some of which are pregnant. Some have the clipped ears but most don't. They are messing on property and vehicles and getting into trash.

Tressa Valtri stated the trap and release program is the worst and cruel. She has seen kittens get picked up to be spayed and ear clipped and released back on the street the very next day bleeding from the surgery.

A Resident stated that he has been calling PennDot for 2 months, stating there is no handicap sidewalk ramp at 9th and Baker St. which forces him into the street on his handicap scooter. Eileen Nelson will contact PennDot and PECO who owns the property.

Sam Morrison, President of TYAA, stated they have an opportunity to start a football team and will use the back part of the softball field. TYAA has insurance.

A resident from 7th St. stated there is a problem with kids playing basketball.

ADJOURNMENT

President Regina Beck called for a motion to adjourn at 9:00pm; Councilperson Mathews made the motion to adjourn. Councilperson Maher seconded the motion. All Councilpersons present voted affirmative.

Respectfully submitted,

Victoria Okolowski
Borough Secretary

▪ **224 Wilcox**

We received an application form from the Delaware County OHCD for demolition (attached). Applications are accepted on an ongoing basis.

▪ **MS4**

DEP advised information for the renewal permit effective March 16, 2018 has been finalized and is published in the Pennsylvania Bulletin. The Notice of Intent (NOI) to renew is due September 16, 2017. We are reviewing the information.

cc: Vicki Okolowski / Fran Zalewski / John Mathews / Jim Cassidy / Joseph Maher
Jean Beck / Gregory Miley / Awilda Burgos / Everett McDaniel
Michael Sheridan, Esquire

TRAINER BOROUGH - ENGINEER'S REPORT

▪ Trainer Pointe

Construction is on-going.

▪ Monroe Energy

Tier 3 Low Suffer – Phase 1A ULSG Construction and Facilities Erosion Control Permit. Project is underway.

▪ Infrastructure Items

➤ ADA Curb Ramp 9th Street and Baker Ave.
We reached-out to PennDOT regarding adding an ADA ramp and are awaiting their input.

➤ Baker Street and Yates Ave.
In reaching out to PennDOT we were made aware that Baker Street is not on the Active Segments Report for the borough. Currently these are shown only on Lower Chichester's map for ½ width. We are working with PennDOT to determine what can be done to add Trainer's ½ width for this and Yates. The Borough Secretary noted there are no records for Yates and mentioned the Borough believes the entire road is within Lower Chichester.

▪ 200 Price Street - Metro Container

Construction is underway.

▪ Eske Developers, LLC - Nealy Blvd. (McCarthy Tire)

The developer noted they will coordinate a site meeting with us to review the status of the outstanding items.

▪ Retaining wall @ 3518 W. 12th Street

Contacted owner regarding obtaining information on property boundary confirmation. I have also requested retrieval of an old file from storage for, hopefully, more specific information on the wall.

▪ MS4

Attached is an article from the CRC materials 'Alternatives to Pesticides' offering guidelines for decreasing pesticide use. We encourage the Borough to utilize the CRC materials such as this or other newsletter articles by posting on their website, in newsletters, etc.

cc: Vicki Okolowski / Fran Zalewski / John Mathews / Jim Cassidy / Joseph Maher
Jean Beck / Gregory Miley / Awilda Burgos / Everett McDaniel
Michael Sheridan, Esquire

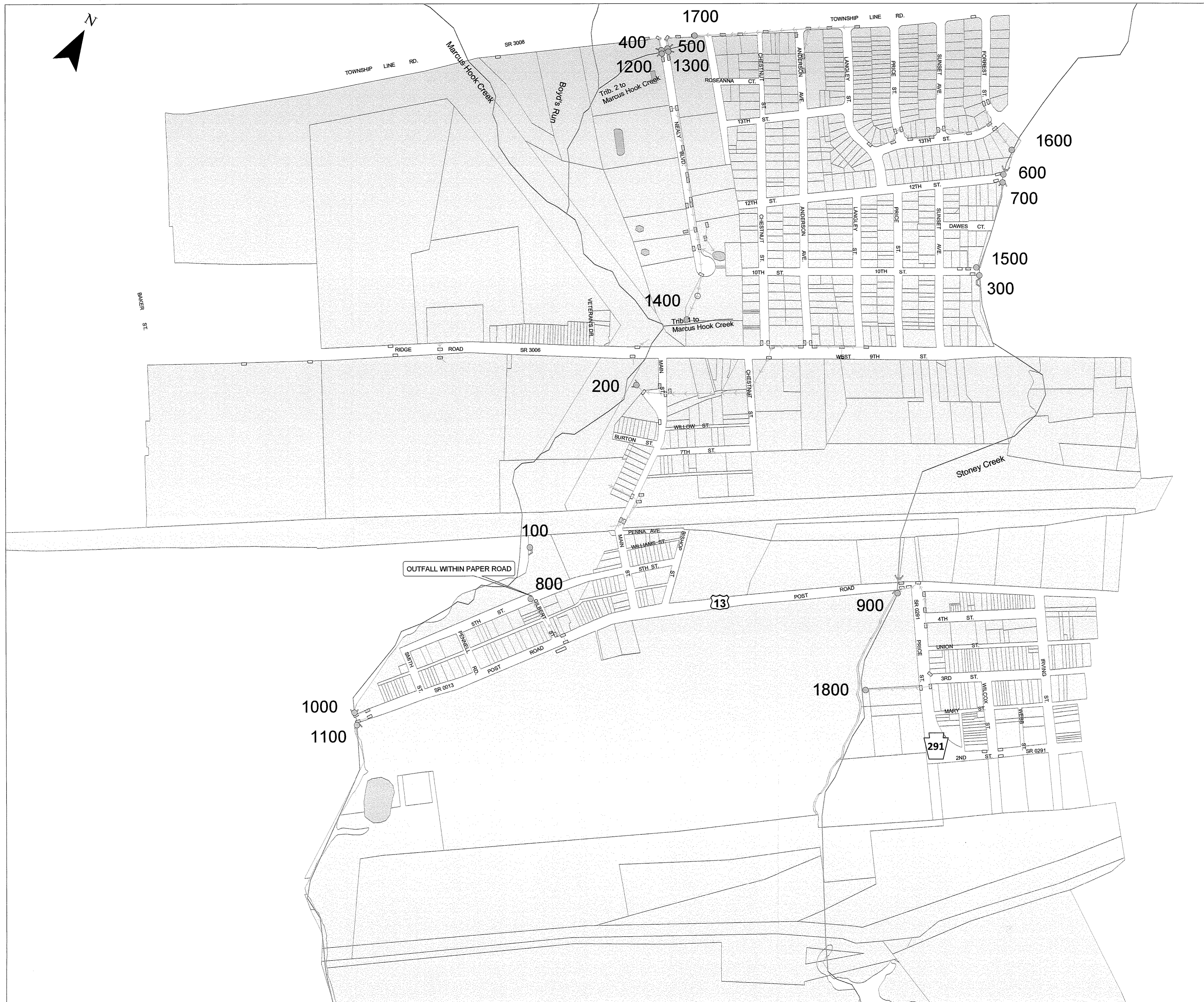
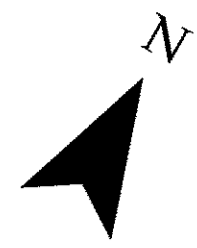
Alternatives to Pesticides

You can have a green and healthy lawn and garden without depending on large amounts of pesticides. It is better for your yard, the people and animals that use your yard, and our streams. Follow the guidelines below to decrease pesticide use.

- Grow native plants that are able to handle the climate and pests of our region. See <http://www.dcnr.state.pa.us/forestry/plants/nativeplants/> for more information on native plants, including where to buy them.
- Spread mulch at the base of trees to keep mowers and weed whackers from opening up wounds in the bark. Spread mulch flat on the ground to a height of no more than two inches; do not smother the tree's roots and bark by building a cone or "volcano" around the tree.
- Provide the proper amount of water to keep your lawn and gardens stress-free. Water your lawn deeply, but only every several days and not at all if it rains. Mow your lawn to a height of 2 ½ to 3 inches.
- Get a soil test to determine if you need to use any fertilizers. Apply fertilizers only at the rate needed and never before a storm. A soil test kit can be cheaply obtained from your local Penn State Extension office (Delaware County: 610-690-2655, Chester County: 610-696-3500).
- When weeds sprout, hand dig or spot treat them with herbicides.
- Rotate your garden crops, just as farmers do. Do not plant tomatoes or peppers in the same place each year. Consider scattering species throughout your garden. If a tomato hornworm finds one of your tomato plants, for instance, it may easily move to all of your tomato plants if they are next to each other.
- If you find a pest damaging one of your plants, consider the following questions before deciding what approach to take.
 1. What is it? If you don't know, Penn State Extension's website, <http://extension.psu.edu/pests/ipm>, is a good place to start.
 2. Where does the pest live, breed, and what does it eat?
 3. How many pests are there?
 4. How many pests are too many?
 5. If I have "too many," what is the best way to get rid of the pest?
 6. What are the potential "side effects" of control methods?
- When pesticides are needed, use insecticidal soaps and *Bacillus thuringiensis* or "Bt."



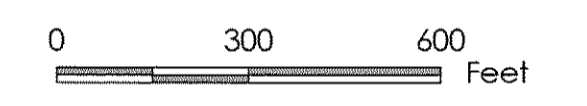
Being selective in your pesticide use and growing plants native to our region will increase the number of beneficial insects, such as butterflies and other pollinators, in your gardens.



Stantec
 1060 Andrew Drive Suite 140
 West Chester, PA 19380
 P: 610-840-2500

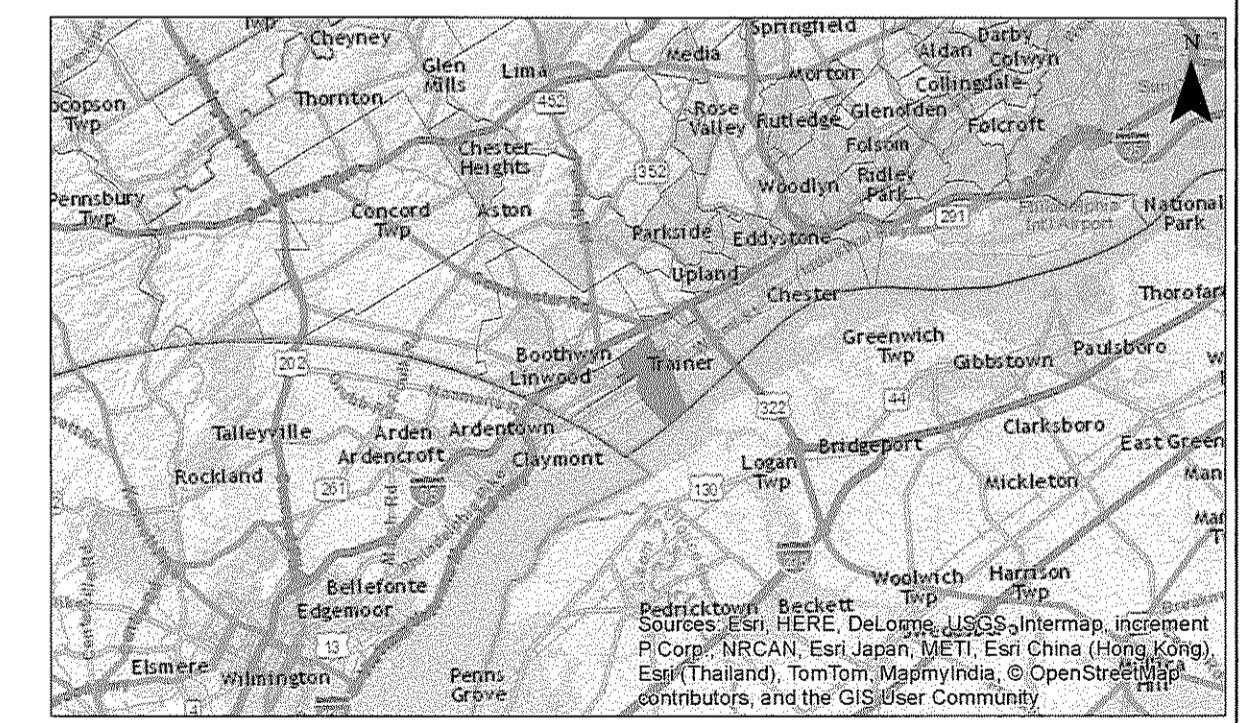
Legend
Outfall Number & Screening
Renewal Permit Effective 3/16/2013
Screening

- Outfall
- Storm Pipes
- Basins



1:3,600 (At original document size of 22x34)

Notes
 1. Coordinate System: NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet



Project Location
 Prepared by GKK on 2016-08-25

Client/Project
 Trainer Borough
 Delaware County, PA

Figure No.
1
 Title

NPDES STORM SYSTEM PLAN

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

G:\pca\delco\1\Trainer\mxd\Trainer Storm - 2016.mxd Revised: 2016-08-25 By: gfk/ak