

September 25, 2019

Richard K. Breitenstein
Pennsylvania Department of Environmental Protection
Permits Chief, Water Management Program
2 East Main Street
Norristown, PA 19401

**SUBJECT: MS-4 ANNUAL REPORT FORM – 2018-2019
NEW BRITAIN BOROUGH PAG-130154
BUCKS COUNTY, PENNSYLVANIA**

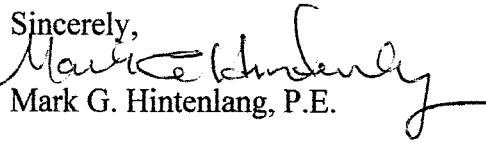
Dear Richard:

On behalf of New Britain Borough, please find attached the New Britain Borough's MS-4 annual report / package which includes the following:

1. MS4 Annual Report
2. 2018-2019 BMP Inspection records (9/23/19 & 9/24/19).
3. Public Education and Outreach Program.
4. PADEP MS-4 Target Audience List.
5. New Britain Borough Stormwater and Operations and Maintenance Program.
6. Public Involvement and Participation Program.
7. MS-4 portions of the newsletters for Fall, Spring and Summer.
8. Newspaper advertisements and invoices.
9. MS-4 violation letters (8).
10. Street sweeping invoices (3).
11. PRP & TMDL Plan.
12. Public meeting agenda for MS4 Annual Stormwater presentation
13. New Britain Borough Stormwater Facilities Plan w/ Watershed Mapping (sheets 1-4 of 4).

Please review the attached information and call with any comments or if any additional information is required.

Sincerely,


Mark G. Hintenlang, P.E.

cc: Sam Bryant, Borough Manager

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD March 10, 2018 TO JUNE 30, 2019

GENERAL INFORMATION					
Permittee Name:	New Britain Borough		NPDES Permit No.:	PAG130154	
Mailing Address:	45 Keeley Avenue		Effective Date:	March 9, 2019	
City, State, Zip:	18901		Expiration Date:	June 30, 2020	
MS4 Contact Person:	Mark G. Hintenlang		Renewal Due Date:	September 30, 2019	
Title:	Borough Engineer		Municipality:	New Britain Borough	
Phone:	215-348-4586		County:	Bucks County	
Email:	Mark@newbritainboro.com				
Co-Permittees (if applicable): N/A					
Appendix(ces) that permittee is subject to (select all that apply):					
<input type="checkbox"/> Appendix A <input checked="" type="checkbox"/> Appendix B <input type="checkbox"/> Appendix C <input type="checkbox"/> Appendix D <input checked="" type="checkbox"/> Appendix E <input checked="" type="checkbox"/> Appendix F					
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 the permittee's MS4 and provide the requested information (see instructions).					
Receiving Water Name	Ch. 93 Class.	Impaired?	Cause(s)	TMDL?	WLA?
Neshaminy Creek	TSF, MF	Yes	Pathogens, nutrients, organic enrichment, low D.O.	Yes	No
Pine Run	TSF, MF	Yes	Excessive algae growth	No	No
Cooks Run	WWF, MF	Yes	Nutrients	No	No
North Branch Neshaminy Creek	TSF, MF	Yes	Water / Flow variability	No	No

GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION

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

List the current entity responsible for implementing each MCM of your SWMP, along with contact name and phone number.

MCM	Entity Responsible	Contact Name	Phone
#1 Public Education and Outreach on Storm Water Impacts	New Britain Borough	Mark Hintenlang	215-348-5962
#2 Public Involvement/Participation	New Britain Borough	Mark Hintenlang	215-348-5962
#3 Illicit Discharge Detection and Elimination (IDD&E)	New Britain Borough	Mark Hintenlang	215-348-5962
#4 Construction Site Storm Water Runoff Control	New Britain Borough	Mark Hintenlang	215-348-5962
#5 Post-Construction Storm Water Management in New Development and Redevelopment	New Britain Borough	Mark Hintenlang	215-348-5962
#6 Pollution Prevention / Good Housekeeping	New Britain Borough	Mark Hintenlang	215-348-5962

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

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

- For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage?
☒ Yes ☐ No
- Date of latest annual review of PEOP: 5/18/19 Were updates made? ☒ Yes ☐ No
- What were the plans and goals for public education and outreach for the reporting period?
Additional public meeting presentations, continued advertisements in newspapers, newsletters and public discussion with residents, business owners and developers. Repainting and painted inlet stencils following paving operations.
- Did the MS4 achieve its goal(s) for the PEOP during the reporting period? ☒ Yes ☐ No
- Identify specific plans and goals for public education and outreach for the upcoming year:
Continued advertisements in newspapers, newsletters and public discussion with residents, business owners and developers. The Borough Ordinances (including the Stormwater Management Ordinances) are on the Borough web page making access of the MS-4 process convenient.

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

- For new permittees only, have the target audience lists been developed and implemented within the first year of permit coverage?
☐ Yes ☐ No
- Date of latest annual review of target audience lists: Were updates made? ☐ Yes ☐ No

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

- For new permittees only, were stormwater educational and informational items produced and published in print and/or on the Internet within the first year of permit coverage?

☐ Yes ☐ No

2. Date of latest annual review of educational materials:

Were updates made?

☒ Yes ☐ No

3. Do you have a municipal website? ☐ Yes ☐ No (URL:)

If Yes, what MS4-related material does it contain?

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:

5. Identify specific plans for the publication of stormwater materials for the upcoming year:

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

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

We presented at an additional Council meeting last year to increase public awareness. We've found that this method is very usefull based upon the questions, feedback and requests to further invesdtigate specifiac areas. We also distribute information in each newsletter (attached), and provide public information in the local newspaper in conjunction with Doylestown Township (attached).

MCM #1 Comments:

The meeting presentation / discussions appeared very helpful in educating as well as developing easy methods to aid in the erosion issues being discussed.

MCM #2 – PUBLIC INVOLVEMENT/PARTICIPATION

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

1. For new permittees only, was the PIPP developed and implemented within one year of permit coverage?

☐ Yes ☐ No

2. Date of latest annual review of PIPP:

Were updates made? ☐ Yes ☐ No

BMP #2: Advertise to the public and solicit public input on ordinances, SOPs, Pollutant Reduction Plans (PRPs) (if applicable) and TMDL Plans (if applicable), including modifications thereto, prior to adoption or submission to DEP:

1. Was an MS4-related ordinance, SOP, PRP or TMDL Plan developed during the reporting period? ☒ Yes ☐ No

2. If Yes, describe how you advertised the draft document(s) and how you provided opportunities for public review, input and feedback:

The PRP and TMDL plans were developed as part of the September 2017 NPDES application. These were reviewed and discussed at a public meeting on 9/10/19.

3. If an ordinance, SOP or plan was developed or amended during the reporting period, provide the following information:

Ordinance / SOP / Plan Name	Date of Public Notice	Date of Public Hearing	Date Enacted or Submitted to DEP
TMDL		9/8/17 and 5/8/18	10/18/17

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BMP #3: Regularly solicit public involvement and participation from the target audience groups using available distribution and outreach methods.

1. At least one public meeting or other MS4 event must be held during the 5-year permit coverage period to solicit participation and feedback from target audience groups. Was this meeting or event held during the reporting period?

☒ Yes ☐ No If Yes, Date of Meeting or Event: 9/8/17, 5/8/18, and 9/10/19

2. Report instances of cooperation and participation in MS4 activities; presentations the permittee made to local watershed and conservation organizations; and similar instances of participation or coordination with organizations in the community.

The presentation spiked public interest primarily regarding the Cooks Run Creek, and stabilization thereof.

3. Report activities in which members of the public assisted or participated in the meetings and in the implementation of the SWMP, including education activities or efforts such as cleanups, monitoring, storm drain stenciling, or others.

The Cooks Run residents discussion involving stream bank erosion which is primarily caused by lawn maintenance close to the stream bank. It was discussed not mowing this area and creating a Riparian Buffer Ordinance to aid in stabilization as well as to clean the runoff prior to it entering the stream. The Borough constructed a rain garden in this area to increase water quality. The Borough also constructed an infiltration BMP at the terminus of N. Tameden Avenue to increase water quality and to decrease sediment to the Pine Run Creek.

MCM #2 Comments:

The public Council meeting presentation / discussions appeared very helpful in educating as well as developing easy methods to aid in the erosion issues being discussed.

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

BMP #1: Develop and implement a written program for the detection, elimination, and prevention of illicit discharges into the regulated small MS4.

1. For new permittees only, was the written IDD&E program developed within one year of permit coverage?

☐ Yes ☐ No

2. Date of latest annual review of IDD&E program: Were updates made? ☐ Yes ☐ No

BMP #2: Develop and maintain map(s) that show permittee and urbanized area boundaries, the location of all outfalls and, if applicable, observation points, and the locations and names of all surface waters that receive discharges from those outfalls. Outfalls and observation points shall be numbered on the map(s).

1. Have you completed a map(s) that includes all components of BMP #2? ☒ Yes ☐ No

If Yes and you are a new permittee and have not submitted the map(s) previously, attach the map(s) to this report.

If No, date by which permittee expects map(s) to be completed:

2. Date of last update or revision to map(s): 9/23/19

3. Total No. of Outfalls in MS4: 40 Total No. of Outfalls Mapped: 40

4. Total No. of Observation Points: 40 Total No. of Observation Points Mapped: 40

5. During the reporting period, have you identified any existing outfalls that have not been previously reported to DEP in an NOI, application or annual report, or are any new MS4 outfalls proposed for the next reporting period?

☒ Yes ☐ No

If Yes, select: ☒ Existing Outfall(s) Identified ☐ New Outfall(s) Proposed

BMP #3: In conjunction with the map(s) created under BMP #2 (either on the same map or on a different map), the permittee shall develop and maintain map(s) that show the entire storm sewer collection system within the permittee's jurisdiction that are owned or operated by the permittee (including roads, inlets, piping, swales, catch basins, channels, and any other components of the storm sewer collection system), including privately-owned components of the collection system where conveyances or BMPs on private property receive stormwater flows from upstream publicly-owned components.

1. Have you completed a map(s) that includes all components of BMP #3? ☒ Yes ☐ No

If Yes and you are a new permittee and have not submitted the map(s) previously, attach the map(s) to this report.

If No, date by which permittee expects map(s) to be completed:

2. If Yes to #1, is the map(s) on the same map(s) as for outfalls and receiving waters? ☒ Yes ☐ No
3. Date of last update or revision to map(s): 9/23/19

BMP #4: Conduct dry weather screenings of MS4 outfalls to evaluate the presence of illicit discharges. If any illicit discharges are present, the permittee shall identify the source(s) and take appropriate actions to remove or correct any illicit discharges. The permittee shall also respond to reports received from the public or other agencies of suspected or confirmed illicit discharges associated with the storm sewer system, as well as take enforcement action as necessary. The permittee shall immediately report to DEP illicit discharges that would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property.

For new permittees, all identified outfalls (and if applicable observation points) must be screened during dry weather at least twice within the 5-year period following permit coverage. For existing permittees, all identified outfalls (and if applicable observation points) must be screen during dry weather at least once within the 5-year period following permit coverage and, for areas where past problems have been reported or known sources of dry weather flows occur on a continual basis, outfalls must be screened annually during each year of permit coverage.

1. How many unique outfalls (and if applicable observation points) were screened during the reporting period? 40
2. Indicate the percentage of all outfalls screened in the past five years. 100%
3. Indicate the percent of outfalls screened during the reporting period that revealed dry weather flows: 0%
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 MS4 Outfall Field Screening Report form (3800-FM-BCW0521) provided in the permit?
☐ Yes ☒ No
- If No, attach a copy of your screening report form.

BMP #5: Enact a Stormwater Management Ordinance or SOP to implement and enforce a stormwater management program that includes prohibition of non-stormwater discharges to the regulated small MS4.

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:
2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j) with respect to authorized non-stormwater discharges? ☐ Yes ☐ No
- If Yes to #2 and the ordinance or SOP has not been submitted to DEP previously, attach the ordinance or SOP.

3. Were there any violations of the ordinance or SOP during the reporting period? ☐ Yes ☐ No

If Yes to #3, complete the table below (attach additional sheets as necessary).

Violation Date	Nature of Violation	Responsible Party	Enforcement Taken

4. Did you approve any waiver or variance during the reporting period that allowed an exception to non-stormwater discharge provisions of an ordinance or SOP? ☐ Yes ☒ No

If Yes to #4, identify the entity that received the waiver or variance and the type of non-stormwater discharge approved.

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.

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? 6/1/18, 6/3/18, 6/6/18, and 6/7/18

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 #3 Comments:

MCM #4 – CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Are you relying on PA's statewide program for stormwater associated with construction activities to satisfy this MCM?

☐ Yes ☒ No

(If Yes, respond to questions for BMP Nos. 1, 2 and 3 only in this section. If No, respond to questions for all BMPs in this section)

BMP #1: The permittee may not issue a building or other permit or final approval to those proposing or conducting earth disturbance activities requiring an NPDES permit unless the party proposing the earth disturbance has valid NPDES Permit coverage (i.e., not expired) under 25 Pa. Code Chapter 102.

During the reporting period, did you comply with 25 Pa. Code § 102.43 (relating to withholding building or other permits or approvals until DEP or a county conservation district (CCD) has approved NPDES permit coverage)?

☐ Yes ☐ No ☒ Not Applicable (no building permit applications received)

BMP #2: A municipality or county which issues building or other permits shall notify DEP or the applicable CCD within 5 days of the receipt of an application for a permit involving an earth disturbance activity consisting of one acre or more, in accordance with 25 Pa. Code § 102.42.

During the reporting period, did you comply with 25 Pa. Code § 102.42 (relating to notifying DEP/CCD within 5 days of receiving an application involving an earth disturbance activity of one acre or more)?

☐ Yes ☐ No ☒ Not Applicable (no building permit applications received)

BMP #3: Enact, implement and enforce an ordinance or SOP to require the implementation and maintenance of E&S control BMPs, including sanctions for non-compliance, as applicable.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of E&S control BMPs? ☒ Yes ☐ No

If Yes, indicate the date of the ordinance or SOP: 9/12/17

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? ☐ Yes ☒ No

3. If Yes to #2 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #4: Review Erosion and Sediment (E&S) control plans to ensure that such plans adequately consider water quality impacts and meet regulatory requirements.

Specify the number of E&S Plans you reviewed during the reporting period: 3 +/-

BMP #5: Conduct inspections regarding installation and maintenance of E&S control measures during earth disturbance activities. Maintain records of site inspections, including dates and inspection results, in accordance with the record retention requirements in this permit.

Specify the number of E&S inspections you completed during the reporting period: 10 +/-

BMP #6: Conduct enforcement when installation and maintenance of E&S control measures during earth disturbance activities does not comply with permit and/or regulatory requirements.

Specify the number of enforcement actions you took during the reporting period for improper E&S: 0

BMP #7: Develop and implement requirements for construction site operators to control waste at construction sites that may cause adverse impacts to water quality. The permittee shall provide education on these requirements to construction site operators.

Specify the method(s) by which you are educating construction site operators on controlling waste at construction sites:

Pre-construction meetings / site inspections

BMP #8: 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.

1. A tracking system has been established for receipt of public inquiries and complaints. ☒ Yes ☐ No

2. Specify the number of inquiries and complaints received during the reporting period: 10 +/-

MCM #4 Comments:

Stormwater runoff and E&S from construction sites is handled via pre-construction meetings and intermittent construction inspection services until the site is fully stabilized.

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

BMP #1: Enact, implement and enforce an ordinance or SOP to require post-construction stormwater management from new development and redevelopment projects, including sanctions for non-compliance.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of post-construction stormwater management (PCSM) BMPs? ☒ Yes ☐ No
If Yes, indicate the date of the ordinance or SOP: 9/12/17
2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? ☐ Yes ☒ No
3. If Yes to #2 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #2: Develop and implement measures to encourage and expand the use of Low Impact Development (LID) in new development and redevelopment. Measures should also be included to encourage retrofitting LID into existing development. Enact ordinances consistent with LID practices and repeal sections of ordinances that conflict with LID practices.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that encourages and expands the use of LID in new development and redevelopment? ☐ Yes ☒ No
If Yes, indicate the date of the ordinance or SOP:
2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? ☐ Yes ☐ No
3. If Yes to #2 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #3: Ensure adequate O&M of all post-construction stormwater management BMPs that have been installed at development or redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale.

1. Do you have an inventory of all PCSM BMPs that were installed to meet requirements in NPDES Permits for Stormwater Discharges Associated with Construction Activities approved since March 10, 2003? ☒ Yes ☐ No
If Yes to #1, complete Table 1 on the next page.
2. Has proper O&M occurred during the reporting period for all PCSM BMPs? ☒ Yes ☐ No
3. If No to #2, explain what action(s) the permittee has taken or plans to take to ensure proper O&M.

If you are relying on PA's statewide program for stormwater associated with construction activities, you may skip to MCM #6, otherwise complete all questions for BMPs #4 - #6 in this section.

BMP #4: 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.

1. Specify the number of PCSM Plans reviewed during the reporting period for projects disturbing greater than or equal to one acre (including projects less than one acre that are part of a larger common plan of development or sale): 1
2. Has a tracking system been established and maintained to record qualifying projects and their associated BMPs?
☒ Yes ☐ No

PCSM BMP INVENTORY

Table 1. To complete the information needed for MCM #5, BMP #3, list all existing structural BMPs that discharge stormwater to the permittee's MS4 that were installed to satisfy PCSM requirements for earth disturbance activities under Chapter 102, and provide the requested information (see instructions).

BMP No.	BMP Name	DA (ac)	Entity Responsible for O&M	Latitude	Longitude	Date Installed	O&M Requirements	NPDES Permit No.
1				0 1 "	0 1 "			
2				0 1 "	0 1 "			
3				0 1 "	0 1 "			
4				0 1 "	0 1 "			
5				0 1 "	0 1 "			
6				0 1 "	0 1 "			
7				0 1 "	0 1 "			
8				0 1 "	0 1 "			
9				0 1 "	0 1 "			
10				0 1 "	0 1 "			
11				0 1 "	0 1 "			
12				0 1 "	0 1 "			
13				0 1 "	0 1 "			
14				0 1 "	0 1 "			
15				0 1 "	0 1 "			
16				0 1 "	0 1 "			

BMP #5: Ensure that controls are installed that shall prevent or minimize water quality impacts. The permittee shall inspect all qualifying development or redevelopment projects 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).

1. During the reporting period have you inspected all qualifying development and redevelopment projects during the construction phase to ensure proper installation of approved structural BMPs?

☒ Yes ☐ No ☐ Not Applicable (no qualifying projects during reporting period)

2. Has a tracking system been established and maintained to record results of inspections?

☒ Yes ☐ No

BMP #6: Develop a written procedure that describes how the permittee shall address all required components of this MCM.

Have you developed a written plan that addresses: 1) minimum requirements for use of structural and/or non-structural BMPs in plans for development and redevelopment; 2) criteria for selecting and standards for sizing stormwater BMPs; and 3) implementation of an inspection program to ensure that BMPs are properly installed? ☒ Yes ☐ No

MCM #5 Comments:

BMP's / PCMS plans are inspected by the Borough annually to ensure they are operating correctly.

MCM #6 – POLLUTION PREVENTION / GOOD HOUSEKEEPING

BMP #1: Identify and document all operations that are owned or operated by the permittee and have the potential for generating pollution in stormwater runoff to the MS4. This includes activities conducted by contractors for the permittee.

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? 9/23/19
3. When was it last updated? 9/23/19

BMP #2: Develop, implement and maintain a written O&M program for all operations that could contribute to the discharge of pollutants from the MS4, as identified under BMP #1. This program shall address stormwater collection or conveyance systems within the regulated MS4.

1. Have you developed a written O&M program for the operations identified in BMP #1? ☒ Yes ☐ No
2. Date of last review or update to written O&M program: 6/30/18

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 operations to the regulated small MS4. All relevant employees and contractors shall receive training.

1. Have you developed an employee training program? ☐ Yes ☒ No
2. Date of last review or update to training program: Date of latest training:

3. Training topics covered:

N/A

4. Name(s) of training presenter(s):

N/A

5. Names of training attendees:

N/A

MCM #6 Comments:

New Britain Borough relies on the Engineer to review plans, ensure good stormwater management, erosion control; construction management as well as to properly track / enforce these projects as part of the good housekeeping aspects of the MS-4 permitting processes.

POLLUTANT CONTROL MEASURES (PCMs)

Indicate the status of implementing PCMs in Appendices A, B and/or C by completing the table below. Skip this section if PCMs are not applicable.

Task	Date Completed	Attached	Anticipated Completion Date
Storm Sewershed Map(s)	6/30/18	<input checked="" type="checkbox"/>	
Source Inventory		<input type="checkbox"/>	9/30/22
Investigation of Suspected Sources		<input type="checkbox"/>	9/30/22
Ordinance/SOP for Controlling Animal Wastes		<input type="checkbox"/>	9/30/22

PCM Comments:

POLLUTANT REDUCTION PLANS (PRPs) AND TMDL PLANS

1. Complete this section if the development and submission of a PRP and/or TMDL Plan was required as an attachment to the latest NOI or application or was required by the permit, regardless of whether DEP has approved the plan(s).

Type of Plan	Submission Date	DEP Approval Date	Surface Waters Addressed by Plan
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			Chesapeake Bay
<input checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)	9/30/18		Neshaminy Creek
<input checked="" type="checkbox"/> TMDL Plan (Appendix F)	9/30/18		Neshaminy Creek
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			Chesapeake Bay,
<input type="checkbox"/> Combined PRP / TMDL Plan			
<input type="checkbox"/> Joint Plan (if checked, list the name of the MS4 group or names of all entities participating in the joint plan below) Joint Plan Participants:			

2. Identify the pollutants of concern and pollutant load reduction requirements under the permit (see instructions).

Type of Plan	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			
<input checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)			
<input checked="" type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			
<input type="checkbox"/> Combined PRP / TMDL Plan			

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: 9/30/18

4. Have any modifications to the plan(s) occurred since DEP approval? ☐ Yes ☒ No

If Yes to #4, was the updated plan(s) submitted to DEP? ☐ Yes ☐ No

If Yes to #4, did you comply with the public participation requirements of the applicable appendix? ☐ Yes ☐ No

If Yes to #4, describe the plan modifications.

5. Summary of progress achieved during reporting period.

Eliminated grit from winter salting. This is done to decrease sediment from entering streams. Providing additional street sweeping (twice annually instead of once). This is to also decrease sediment from entering streams as well as other pollutants from vehicles. The Borough has constructed a rain garden in immediate upstream area contributing to Cooks Run. The Borough has also constructed an infiltration facility in the immediate upstream area of Pine Run Creek.

6. Anticipated activities for next reporting period.

Eliminated grit from winter salting. This is done to decrease sediment from entering streams. Providing additional street sweeping (twice annually instead of once). This is to also decrease sediment from entering streams as well as other pollutants from vehicles. The Borough will consider additional water quality deficits as available land and funding becomes available.

PRP/TMDL Plan Comments:

The reduction of grit from winter salting was implemented for the 2017-2019 winter seasons and has proven effective as the street sweepings have decreased somewhat from previous years. The additional proposed Fall street sweeping should also prove effective in removing other contaminants from the streams.

NEW BMPs FOR PRP/TMDL PLAN IMPLEMENTATION

Table 2. List all new structural BMPs installed and ongoing non-structural BMPs implemented during the reporting period that are being used toward achieving load reductions in the permittee's PRP and/or TMDL Plan (see instructions).

BMP No.	BMP Name	DA (ac)	% Imp.	BMP Extent	Units	Latitude	Longitude	Date Installed or Implemented	Planning Area?	Ch. 102?	Annual Sediment Load Reduction (lbs/yr)
						0 1 "	0 1 "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 1 "	0 1 "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 1 "	0 1 "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 1 "	0 1 "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 1 "	0 1 "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 1 "	0 1 "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 1 "	0 1 "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 1 "	0 1 "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 1 "	0 1 "		<input type="checkbox"/>	<input type="checkbox"/>	

BMP INVENTORY FOR PRP/TMDL PLAN IMPLEMENTATION

Table 3. List all existing structural BMPs that have been installed in prior reporting periods and are eligible to use toward achieving load reductions in the permittee's PRP and/or TMDL Plan (see instructions).

BMP No.	BMP Name	DA (ac)	% Imp.	BMP Extent	Units	Latitude	Longitude	Date Installed	Annual Sediment Load Reduction (lbs/yr)	Date of Latest Inspection	Satisfactory?
						0 1 "	0 1 "				<input type="checkbox"/>
						0 1 "	0 1 "				<input type="checkbox"/>
						0 1 "	0 1 "				<input type="checkbox"/>
						0 1 "	0 1 "				<input type="checkbox"/>
						0 1 "	0 1 "				<input type="checkbox"/>
						0 1 "	0 1 "				<input type="checkbox"/>
						0 1 "	0 1 "				<input type="checkbox"/>
						0 1 "	0 1 "				<input type="checkbox"/>
						0 1 "	0 1 "				<input type="checkbox"/>
						0 1 "	0 1 "				<input type="checkbox"/>

CERTIFICATION

For PAG-13 Permittees: I have read the latest PAG-13 General Permit issued by DEP and agree and certify that (1) the permittee continues to be eligible for coverage under the PAG-13 General Permit and (2) the permittee will continue to comply with the conditions of that permit, including any modifications thereto. I understand that if I do not agree to the terms and conditions of the PAG-13 General Permit, I will apply for an individual permit within 90 days of publication of the General Permit. I also acknowledge that any facility construction needed to comply with the General Permit requirements shall be designed, built, operated, and maintained in accordance with operative laws and regulations.

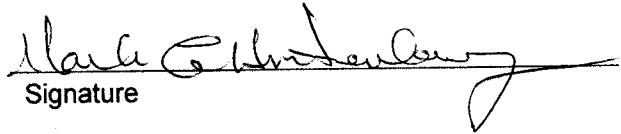
For All Permittees: I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage 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 knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Mark G. Hintenlang

Name of Responsible Official

215-348-5962

Telephone No.



Signature

9/23/19

Date

2019 MS-4 ANNUAL REPORT

BMP INSPECTIONS

9/23/2019 Temp. is 90 degrees and sunny

9/24/2019 Temp. is 80 degrees and partly sunny - no rain for about one (1) week, very dry

<u>Facility</u>	<u>Description</u>	<u>Detention</u>	<u>BMP</u>	<u>Functioning</u>	<u>Water Depth</u>
B-1	Foundations	Yes	WQ	Yes	0"
B-2	American Heritage	Yes	WQ	Yes	12"+/-
B-3	Perigrine (#15 Britain)	Yes	INF	Yes	NA
B-4	Perigrine (#75 Britain)	Yes	INF	Yes	0"
B-5A	1st Bank of Perk. (east)	Yes	INF	Yes	0"
B-5B	1st Bank of Perk. (west)	Yes	INF	Yes	0"
B-6	117 Aarons	Yes	INF	Yes	1"
B-7	Town Center	Yes	No	Yes	8" (at energy dissipator)
B-8	Fluehr	Yes	No	Yes	0"
B-9	Braccia	Yes	INF	Yes	0"
B-10	Bodden / Mallozi	Yes	No	Yes	0"
B-11	Unami Mews	Yes	No	Yes	0"
B-12A	Fredendall (north)	Yes	INF	Yes	0"
B-12B	Fredendall (south)	Yes	INF	Yes	0"
B-13	Chant	No	WQ	Yes	0"
B-14	Painted shutter	No	INF	Yes	NA
B-15	G&A office (350 E. Butler)	Yes	INF	Yes	0"
B-16	Seal Master	Yes	INF	Yes	0"
B-17A	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17B	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17C	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17D	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17E	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17F	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17G	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17H	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17I	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17J	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17K	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17L	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17M	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-17N	Gilmore (65 E. Butler)	Yes	INF	Yes	0"
B-18	Caruso	Yes	INF	Yes	0"
B-19	Del Val College Parking Lot	Yes	INF	Yes	0"
B-20	#97 Britain	Yes	INF	Yes	0"
B-21	Foundations parking	Yes	INF	Yes	0"
B-22	Economy Roofing	No	WQ	Yes	0", (8" @ inlet box)
B-23	Del Val Stadium Field	Yes	WQ	Yes	0" (at inlet @ SW stand corner)
B-24	Pine Run School	Yes	INF	Yes	16"
B-25A	Chant Rain Gardens (NW)	Yes	WQ	Yes	6"
B-25B	Chant Rain Gardens (SW)	Yes	WQ	Yes	0"
B-25C	Chant Rain Gardens (NE)	Yes	WQ	Yes	0"
B-25D	Chant Rain Gardens (NE)	Yes	WQ	Yes	0"
B-26	111 Woodland	Yes	INF	Yes	0"
B-27	#51 Britain	Yes	INF	Yes	0"
B-28	Hidden Meadows	Yes	WQ	Yes	0"
B-29A	701 E. Butler (rear)	Yes	INF	Yes	0"
B-29B	701 E. Butler (front)	Yes	INF	Yes	0"
B-31	76 Lamp Post	Yes	INF	Yes	0"
B-32	141 Aarons rain garden	No	WQ	Yes	0"
B-33	Tamenend terminus	Yes	INF	Yes	0"
B-34	University City	Yes	WQ	Yes	3' +/-
B-35	Sandy Ridge Walk (lot 5)	Yes	INF	Yes	0"
B-35A	Sandy Ridge Walk (lot 2)	Yes	INF	Yes	0"
B-35B	Sandy Ridge Walk (lot 3)	Yes	INF	Yes	0"

INF Infiltration system
WQ Water quality system
NA Not accessible

PUBLIC EDUCATION AND OUTREACH PROGRAM
NEW BRITAIN BOROUGH, BUCKS COUNTY, PA
PADEP – MS-4 PROGRAM

Prepared June 30, 2018

Prepared by: Mark G. Hintenlang, P.E.

The annual public education and outreach program developed for New Britain Borough consists of creating awareness of the MS-4 stormwater management requirements to borough residents, business owners and developers.

The public (residences, businesses and developers) are involved in the MS-4 process through various methods. Advertisements are listed in the local newspaper and regarding hazardous substance disposal, spill clean up procedures, storing hazardous substances, recyclable products, keeping storm drains clean and clear, as well as other environmental issues. Stormwater issues including water quality, water recharge and stormwater volume control are discussed with most borough developers / applicants that apply for land development, subdivision, plot plans, building additions, etc.. These requirements are enforced for all applications as well as for voluntary stormwater / water quality / recharge controls where possible. The issues are also discussed at public meetings such that the public residences, business owners and developers are aware of the requirements of MS-4 program.

PADEP MS-4 TARGET AUDIENCE LIST
NEW BRITAIN BOROUGH, BUCKS COUNTY, PA

Prepared June 30, 2018
Prepared by: Mark G. Hintenlang, P.E.

PUBLIC EDUCATION AND OUTREACHE PROGRAM
TARGET AUDIENCE LIST FOR 2016-2017:

<u>Target Audience</u>	<u>Method</u>
Residences	Newsletters, inlet stenciling, advertisements in local newspapers, public meetings
Business owners	Newsletters, inlet stenciling, advertisements in local newspapers, public meetings
Developers	Application / review / approval process.

NEW BRITAIN BOROUGH STORMWATER OPERATIONS AND MAINTENANCE PROGRAM:

June 30, 2018

DEFINITION:

Operation and maintenance of the municipal stormwater system are essential parts of the successful functioning of a stormwater management system. The stormwater management system is composed of both private and public facilities such as roadways, gutterlines, stormwater inlets, collection systems, headwalls, swale stabilization, detention / infiltration / BMP facilities, streams, ponds and water courses, as well as contributing areas. Failure to properly operate and maintain these facilities can lead to system impairments, collapse, failure from sediment collection, etc.. The affects of the failure can be catastrophic such as flooding, failure of a system (such as a dam break), damage to downstream structures, bridges, private and public properties, and public endangerment.

FACILITY IDENTIFICATION:

Each system is duly noted as follows:

1. Contributing areas to streets, pipes, ditches or streams that may pose a threat of carrying pollutants such as over fertilized yards or industrial waste discharge.
2. Borough Streets and gutters
3. Private driveways and parking areas
4. Public and private collection systems
5. BMP (Best Management Practices) – This includes both detention / infiltration / water quality systems.

REQUIREMENT FOR MAINTENANCE AND INSPECTION:

Inspection and any required maintenance of stormwater facilities is required for all detention / infiltration / BMP facilities (installed after may of 2005) per the Neshaminy Creek Stormwater Agreement for each of the individual systems. These are ‘permitted’ systems which require an official private O&M agreement, the same inspection and maintenance procedures are enforced for facilities constructed prior to ‘permitting’. The Borough provides annual inspections per the same agreement. Any facilities that are not performing satisfactorily are required to be corrected immediately by the owner.

Streets, pipes and ditches are inspected by the Borough Road Superintendent on a weekly basis and any corrective actions taken immediately. This inspection also serves as notification for any visible illicit discharges, trash deposited in unsuitable locations, unauthorized leaf dumping, etc.. Streets are swept annually (in the Spring) to remove excess ash, salt, heavy metals and other contaminants from the roads in order to reduce pollutants being washed into water courses.

Inspection and correction records shall be maintained for submission of annual MS-4 reports.

PUBLIC INVOLVEMENT
AND
PARTICIPATION PROGRAM
NEW BRITAIN BOROUGH, BUCKS COUNTY, PA
PADEP – MS-4 PROGRAM

Prepared June 30, 2018

Prepared by: Mark G. Hintenlang, P.E.

The Public Involvement and Participation Program (PIPP) consists of educating local residences, business owners and developers through Borough Council meetings as to the requirements of MS-4. The residents, business owners and developers have the opportunity to become involved in the MS-4 procedures through permitting of applicants (land development, subdivision, plot plans, building additions), or by becoming involved in more local projects such as park and stream clean ups, litter patrols.



NEWS OF

NEW BRITAIN BOROUGH

"A Friendly Place to Live"

Volume 27 ~ Number 3

Fall 2018

New Britain Borough Awarded the PECO Green Region Grant

Jackie D'Agostino • *Shade Tree Commission*

Once again, our Borough was awarded a grant! The PECO Green Region Grant in the amount of \$10,000 will be used to replant the only public green space along Butler Avenue within our Borough, commonly referred to as "the islands."

The first island, known as "Island A," is located at the intersection of Tamenend and Butler Avenues. Unfortunately, the Ash Trees located there have been infested with the Emerald Ash Borer, an invasive Beetle native to Asia which feeds on the inner bark of Ash Trees, disrupting the tree's ability to transport water and nutrients which ultimately kills the tree. Despite attempts to treat some of these Ash Trees, they are now unhealthy, showing outward signs of Emerald Ash Borer infestation, and require removal. In fact, some are already dead.

The second island, known as "Island B," along Butler Avenue is located in front of the New Britain Post Office and is actually sectioned into two individual islands. Not only are many of the trees planted there Callery Pear Trees, an invasive tree which provides no benefit to the environment, but many of them have been badly damaged over the years by automobile accidents and less than ideal trimming practices.

Rather than just removing the trees and reseeding the areas with grass, this PECO grant will provide funds to help support replanting of these areas. Our New Britain Borough Shade Tree Commission will create the plans to landscape the islands with trees and shrubs that are more suitable and will better thrive in these locations.

A special thanks to Tess LaMontagne for applying for this grant so work can be done to improve these areas because properly planted trees can increase property values, provide shade to our walking paths, and improves our quality of life.

To learn more about more about the Emerald Ash Borer and other topics such as choosing the right tree or shrub to plant on your property, please visit the Borough's website at www.newbritainborough.com > Committees > Shade Tree Commission. You can also check out the *Fall is For Planting (Natives)!* article in this issue for other planting suggestions. 🍁



The \$10,000 PECO Green Region Grant check presented to the Borough on behalf of Council Members and the Mayor at the September 11, 2018 Borough Council meeting.

From left to right:

David Holewinski, Borough Mayor;
Mary Pat Holewinski, Councilmember;
Michael Peters, Borough Solicitor;
Tess LaMontagne, Committee Member;
Robert Binkley, Councilmember;
Theodore Dorand, PECO Representative;
Robyne Kelemen, Council President;
Tom Price, Councilmember;
Lori Kesilman, Councilmember;
Sam Bryant, Borough Manager;
Peter LaMontagne, Council Vice President;
Mark Hintenlang, Borough Engineer.



A Message From Our Borough Engineer

Mark Hintenlang ❖ Borough Engineer & Roadmaster

RIGHT-OF-WAY MAINTENANCE

For traffic visibility purposes, please make sure that all vegetation is trimmed 8' over sidewalks, around street signs and at driveway and street intersections.

Level or replace sidewalk, curbing, or driveway aprons which have settled, creating tripping hazards.

Mailbox faces must be positioned 6" - 8" back from the face of curb/edge of road such that they are not affected by plows this winter (the top of box should be 42" - 46" above the lawn surface). Please ensure that the mail box posts are solid.

Be Kind to the Environment

STREAM PROTECTION

Limit use of herbicides and fertilizers. Dispose of hazardous materials such as oil, paint, medications, etc. to a hazardous waste drop-offs, never flush or dump. Maintain your vehicle by checking and repairing oil and antifreeze leaks. Any illegal dumping or drainage activities should be reported immediately to New Britain Borough. If you notice any signs of stream pollution or have any questions, notify the Borough administration office @ 215-348-4586.

RAINWATER RUNOFF

Consider reducing runoff to help your downstream neighbors by installing rain barrels on your downspouts, lowered planting beds (rain garden), connecting roof drains to stone pits, etc. These methods provide ground water infiltration and help to mitigate rainwater runoff.

POOL WATER DISCHARGE

Pool owners are required to dispose of water properly. Waste water containing chemicals such as chlorine and muriatic acid must be neutralized prior to disposal. Filter backwash should also be discharged to a grassy area, and never to a street, pond, stream, or toward your neighbor's property. If you have any questions, please contact the Borough office @ 215-348-4586

CONSTRUCTION

Stormwater controls are required for most additions of impervious surfaces, which may require permits. Please contact the Borough office to determine if permits are required, 215-348-4586.

STORMWATER INFORMATION

Additional information is available at: <http://www.dep.state.pa.us/dep/deputate/watermgt/wc/npdsm4/ms4cd/Education/RainDrainBrochure.pdf> and the Borough's website: www.newbritainboro.com

Thank you. Please feel free to call with any questions.
Mark Hintenlang, New Britain Borough Engineer
215-348-4586 (office)
267-254-2782 (cell)
roads@newbritainboro.com ~

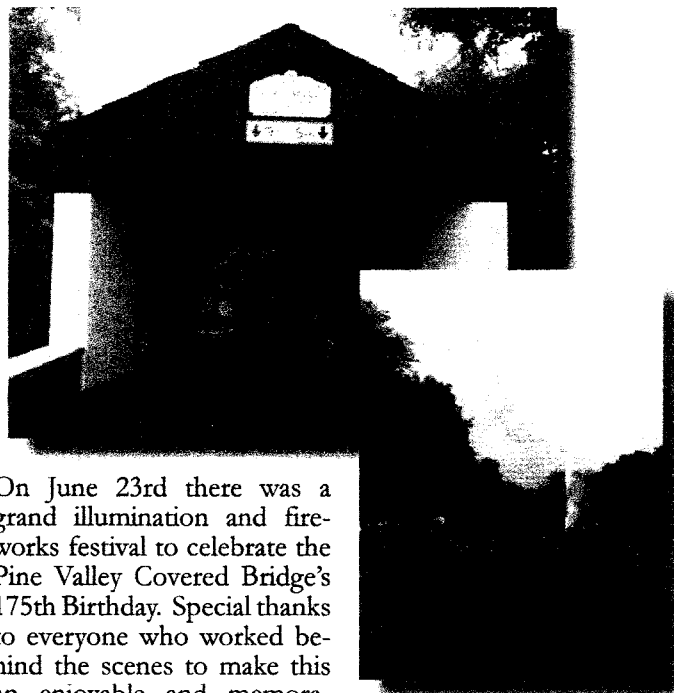
TRUNK OR TREAT!

Join us for a fun Halloween community event at American Heritage Federal Credit Union on the evening of **Tuesday, October 30th from 5:00 PM to 7:00 PM.**

This is a safe way for kids to enjoy Halloween. Please come out and enjoy games, refreshments, and family fun. Come dressed in a costume to Trick-Or-Treat and enjoy fun activities for the whole family! ~



The Covered Bridge is Lit!



On June 23rd there was a grand illumination and fireworks festival to celebrate the Pine Valley Covered Bridge's 175th Birthday. Special thanks to everyone who worked behind the scenes to make this an enjoyable and memorable event for local residents.

The bridge is now lit every evening and it's beautiful!

~ Happy Birthday, Pine Valley Covered Bridge!!! ~



NEWS OF NEW BRITAIN BOROUGH

"A Friendly Place to Live"

Volume 28 • Number 1

Spring 2019

Single Hauler Trash Service in New Britain Borough

Samantha Bryant • *Borough Manager*

Last year, after noticing the increased amount of trash haulers registered to do work in the Borough, as well as news stories regarding substantial price increases for trash and recycling service, Council instructed Borough staff to do additional research on single hauler contracted trash and recycling service. This follows a similar effort and survey in 2016.

As a result of this research, Borough Council agreed to put a bid out to review the possible rates for such service. In December 2018, Borough Council approved moving forward with the bid from Advanced Disposal to help Borough residents save money on their trash and recycling service, to save Borough taxpayer money on road maintenance and repairs (due to road damage caused by multiple trash haulers' heavy trash trucks and their frequency on Borough roads), and to reduce traffic, noise, and pollution from these vehicles.

This bid is for residential properties, except those in the Unami Trail Mews, Forest Park, and Carousel Circle Home Owner Associations (HOAs). Commercial properties will be unaffected. For an all-inclusive 2019 quarterly rate of \$62.43, Advanced Disposal will provide once weekly pickup of 96 gallons of trash, 96 gallons of recycling, 90 gallons of yard waste (approximately 3 bags), and one bulk item. Residents who need an additional 96 gallon trash container can request one from Advanced Disposal at no extra cost.

Residents will be billed for their service directly by Advanced Disposal. This rate will increase to \$64.49 per quarter in 2020 and to \$66.62 per quarter in 2021. After 2021, the Borough would have the option to bid again for competitive rates or to return to a private collection system.

Borough staff are working with Advanced Disposal to finalize the details of the contract and to provide an Ordinance to Borough Council to advertise in February and approve in March. With this timeline, our current projected service schedule will be once weekly, every Wednesday, starting on April 3, 2019. If you need trash service in the interim, please call Advanced Disposal at 610-440-3700 and choose the "Norristown" option to begin the process of setting up new service. When signing up, please mention you are a New Britain Borough resident and would like them to honor the 2019 contracted rate mentioned above, \$62.43.

Advanced Disposal has been given a list of the residential addresses in the Borough and will be automatically dropping off trash and recycling containers to your residence sometime within the week or two before the April 3rd start date so **you do not need to call to set up the newly contracted service, this process is going to take place automatically.** The only action you should need to take is, if you currently have trash service with another hauler, and are going to keep their service up and until April 3, 2019, you should contact them prior to the end of March to let them know you will be terminating their service on March 31, 2019. If you have prepaid with your current hauler for multiple months, you should request a refund from them for any unused portion.

We strongly encourage you to check out the comprehensive **FAQ** section on single hauler trash service found on the Borough's website, which you can find at www.tinyurl.com/NBBTrash for more detailed information. Upon review, if you have any additional questions or comments, please contact me directly at sam@newbritainboro.com or 267-406-4442. ~



Advanced Disposal





A Message From Our Borough Engineer



Mark Hintenlang ♦ Borough Engineer & Roadmaster



CLEAN STREAMS:

As part of an annual permit process New Britain Borough is required to reduce pollution to the streams which pass through the Borough. The following pollutants/stream locations have been identified by the State:

- **Pine Run Creek** – Excessive algae.
- **Cooks Run** – Nutrients.
- **Neshaminy Creek** – Pathogens, nutrients, organics, low dissolved oxygen, siltation and suspended solids.

We need everyone's help in reducing these pollutants by limiting/eliminating lawn fertilizers. Fertilizers contain nitrogen, nutrients and phosphorus, etc. which is the main source of pollution which causes other ill affects such as algae, organics, etc. especially in slow moving water and ponds. Please consider eliminating the use fertilizers on your property and if you have a lawn care service, please let them know our concerns and also ask them for the reduction/elimination of fertilizing wherever possible.

Sediment is also a major stream pollutant and the State is implementing major constraints on limiting these contaminants which affect stream quality, fish and micro-organisms. Please ensure any yard disturbances due to construction, gardening, and/or unstable areas are provided with sediment controls to avoid adversely affecting streams/waterway quality.

HAZARDOUS MATERIALS: Always dispose of hazardous materials properly. Dispose of hazardous materials before they leak or are knocked over. Additional stormwater information is available at: www.dep.state.pa.us/dep/deputate/water-mgt/wc/npsdms4/ms4cd/Education/RainDrainBrochure.pdf and also at: www.newbritainboro.com

For more information on hazardous waste disposal, please visit Bucks County's website at: www.buckscounty.org

YARD WASTE: Help us keep our streams and ponds free of fertilizer and debris by directing lawn mower discharge back onto your yards, not into the streets where it is quickly washed into the storm collection system and then goes untreated directly into streams and local waterways. Dispose of leaves, grass clippings, and yard waste properly (outside of floodplains and waterways so they don't get washed downstream causing pollution and possibly blocking pipes, inlets and restrictions in streams). If you notice an inlet clogged please call the Borough @ 215-348-4586.

SWIMMING POOLS: Pool owners are required to discharge water responsibly as per Borough and PADEP rules and regulations. The Clean Stream Law prohibits the discharge of chemically contaminated water into streams or storm sewers. Contaminated pool water quickly makes its way to streams via storm inlets on Borough streets where aquatic life can be harmed or killed because that water passes untreated directly into our streams. Please call Bucks County Water and Sewer Authority @ 215-343-2538 if you have contaminated water that needs to be removed.

STORMWATER MANAGEMENT: Stormwater control/reduction is an important method to reduce erosion, sediment and suspended solids in our streams. While the Borough's ordinances require developers to provide methods to reduce runoff, existing residential lots and businesses can do their part to prevent excessive runoff by providing their own source of stormwater management such as the following:

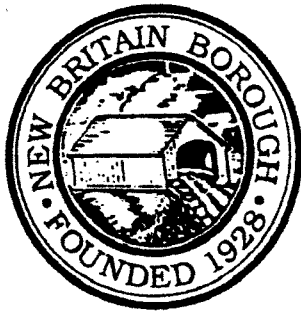
1. 'Rain barrels' are a great way to conserve water and save on your water bill during the dry summer months ahead. Simply place a 55 gallon drum under one or more of your downspouts with a valve and a hose bib at the bottom, then use to water your garden/yard. The rain barrels act as little detention basins that help decrease stream flooding. Decorative wooden wine/rain barrels are also a great way to spruce up a porch.
2. 'Rain gardens' are also a popular method of decreasing runoff and beautifying your property with landscaping and/or water features.
3. Planting trees and vegetation effectively benefits sediment reduction by reducing runoff quantity and velocity. Please consider planting native species trees, especially if trees are removed from your property. Additional information can be obtained by contacting New Britain Borough.
4. If you notice illegal dumping or drainage activities, please report it immediately to New Britain Borough @ 215-348-4586.

SIDEWALK SAFETY:

Sidewalks are provided for your safety and to promote pedestrian activity. We are working on a plan to provide sidewalk/trail along Keeley Avenue. It important to properly maintain your sidewalk; please be considerate and trim branches that extend over sidewalk and into the street. Also, check your sidewalks that there are no uneven joints that could cause injury.

Mark Hintenlang, New Britain Borough Engineer
215-348-4586 (office) 267-254-2782 (cell) or email: mark@newbritainboro.com





NEWS OF

NEW BRITAIN BOROUGH

"A Friendly Place to Live"

Volume 28 • Number 2

Summer 2019

New Britain Borough's WQNP Committee Receives Governor's Award for Environmental Excellence

The Pennsylvania Department of Environmental Protection announced on March 15th that New Britain Borough's Wilma Quinlan Nature Preserve Committee is one of this year's recipients of the 2019 Governor's Award for Environmental Excellence, the highest statewide honor bestowed to individuals, organizations, businesses, and local governments for environmental performance and innovation. New Britain Borough was the only borough to earn this prestigious award this year.

The projects of this year's 18 award winners were evaluated by DEP "for their degree of environmental protection, innovation, partnership efforts, economic impact, consideration of climate change, sustainability and the results achieved." In his congratulations to this year's award recipients, Governor Tom Wolf said, "Prioritizing and protecting our environment is fundamental to maintaining Pennsylvania's natural resources and preserving our commonwealth for future generations. I'm so pleased to present awards to these deserving Pennsylvanians, and I thank them for their contributions."

The Nature Preserve Committee received the Governor's Award for its "Ecological Restoration of the Wilma Quinlan Nature Preserve." Over the past several years, the all-volunteer committee of Borough residents has engaged in intensive efforts at habitat restoration in the Preserve by removing invasive plant species, and planting hundreds of native trees, shrubs, and wildflowers in their place. It has also addressed erosion issues, made trail improvements, and installed new benches, signage, and nesting boxes throughout the Preserve.

This is the second year in a row that the Nature Preserve Committee has been recognized for its stewardship efforts. In 2018, the Committee was the recipient of the Land Ethics Award given out by Bowman's Hill Wildflower Preserve.

The Wilma Quinlan Nature Preserve is owned by New Britain Borough and was established in 1971, after Councilwoman Wilma Quinlan and a handful of like-minded residents raised the funds needed to purchase the 24-acre Sidebotham Tract, the largest piece of undeveloped land remaining in the Borough. The intent of the purchase was to preserve open space, conserve natural habitat for wildlife, and create a place for Borough residents to enjoy passive recreation.

Through several land donations and purchases, the Nature Preserve has expanded to 32 acres today. It is managed and maintained by the 12-member Nature Preserve Committee with the help of many other work-day volunteers, who together are continuing the conservation work of Wilma Quinlan and others, who had the foresight almost fifty years ago to, in Mrs. Quinlan's words, "secure for our grandchildren and their children, open lands and open space."

The Wilma Quinlan Nature Preserve is a 32+ acre natural area located along the Neshaminy Creek that is owned and maintained by New Britain Borough. The woods and fields of the Preserve are set aside for habitat preservation and passive recreation. The Preserve's numerous trails are intended for nature study, wildlife observation, and birding. The Preserve includes "Miriam's Meadow" a 2.7 acre wildflower meadow on the former property of Miriam Groner, donated to New Britain Borough in 2005. The main entrance to the Nature Preserve is located on Mathews Avenue which must be accessed using Sand Road off of Butler Avenue. Another entrance exists near Miriam's Meadow on Landis Mill Road, although parking for that entrance is limited. ♪



Governor's Award for
ENVIRONMENTAL
Excellence

2019







A Message From Our Borough Engineer...

Mark Hintenlang ❖ Borough Engineer & Roadmaster



CLEAN STREAMS:

Please consider reducing or eliminating lawn fertilizers on your property, and if you have a lawn care service, please let them know of our concerns and also ask them for the reduction or elimination of fertilizing wherever possible. Fertilizers have been found to be a major source of pollution to our local streams (Pine Run Creek, Cooks Run, Neshaminy Creek), not to mention that they result in increased lawn maintenance costs. *Furthermore, Pennsylvania has adopted policies forcing local municipalities to be responsible to treat this issues.* Fertilizers contain nitrogen, nutrients and phosphorus, etc. which are the main sources of pollution which causes other ill affects such as algae, organics, etc. especially in slow moving water and ponds. 

Sediment is also a major stream pollutant. Again, Pennsylvania is implementing constraints limiting these contaminants which affect stream quality, fish, and micro-organisms. Please ensure any yard disturbances due to construction, gardening, and/or unstable areas are provided with sediment controls to avoid adversely affecting streams/waterway quality. Ensure that grass clippings and leaves are disposed of properly. Direct clippings and leaves back onto your yard and **NOT** into the street where they are carried directly to streams through stormwater drains on your street. 

RECYCLE: To limit volume in landfills dispose of branches, leaf litter and biodegradable trash by starting a compost pile (not near a stream that may flood). Add a rain garden or rain barrel to reduce runoff, enable you to re-use stormwater which reduces your water bill, and provide increased water quality.

HAZARDOUS MATERIALS: Always dispose of hazardous materials properly. Dispose of hazardous materials before they leak or get knocked over. Additional stormwater information is available at: <http://www.dep.state.pa.us/dep/deputate/watermgt/wc/npdsm4/ms4cd/Education/RainDrainBrochure.pdf> and at <http://www.newbritainboro.com/> For more information on hazardous waste disposal, please visist Bucks County's website at: www.buckscounty.org

SWIMMING POOLS: Pool owners are required to discharge water responsibly as per Borough and PA-DEP rules and regulations. The Clean Stream Law prohibits the discharge of chemically contaminated water into streams or storm sewers. Contaminated pool water quickly makes its way into streams directly (untreated) via stormwater drains on Borough streets where aquatic life can then be harmed or killed. Please call Bucks County Water and Sewer Authority @ 215-343-2538 if you have contaminated water that needs to be removed.

STORMWATER MANAGEMENT: Stormwater control/reduction is an important method to reduce erosion, sediment, and suspended solids in our streams. While the Borough's ordinances require developers to provide methods to reduce runoff, existing residential lots and businesses can do their part to prevent excessive runoff by providing their own source of stormwater management such as the following:

1. 'Rain barrels' are a great way to conserve water and save on your water bill during the dry summer months ahead. Simply place a 55 gallon drum under one or more of your downspouts with a valve and a hose bib at the bottom, then use to water your garden/yard. The rain barrels act as little detention basins that help decrease stream flooding. Decorative wooden wine/rain barrels are also a great way to spruce up a porch.


2. 'Rain gardens' are also a popular method of decreasing runoff and beautifying your property with landscaping and/or water features.



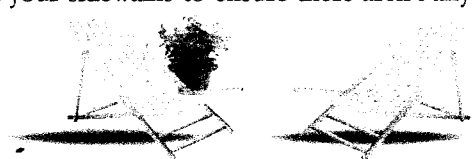
3. Planting trees and vegetation effectively benefits sediment reduction by reducing runoff quantity and velocity. The Nature Preserve volunteers planted 123 free trees last year in the Wilma Quinlan Nature Preserve. Please consider planting native species trees, especially if trees have been or will be removed from your property. Additional information can be obtained by contacting New Britain Borough.

4. If you notice illegal dumping or drainage activities, please report it immediately to New Britain Borough @ 215-348-4586.

SIDEWALK SAFETY:

Sidewalks are provided for your safety and to promote pedestrian activity. Please enjoy the sidewalks and use them. For safety reasons, wherever possible, please avoid walking in the street. Properly maintain your sidewalk; please be considerate and trim branches that extend over sidewalk and into the street, and check your sidewalks to ensure there aren't any uneven joints that could cause injury. 

Mark Hintenlang, New Britain Borough Engineer
215-348-4586 (office) 267-254-2782 (cell)
or email: mark@newbritainboro.com



Bucks County, SS.

DOYLESTOWN TOWNSHIP
425 WELLS ROAD
DOYLESTOWN, PA 18901

3-069612001

0007296408

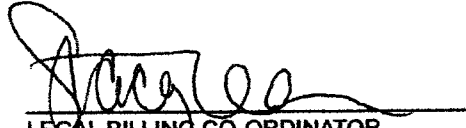
Stacey Lear being duly affirmed according to law, deposes and says that he/she is the Legal Billing Co-ordinator of the INTELLIGENCER INCORPORATED, Publisher of The Intelligencer, a newspaper of general circulation, published and having its place of business at Doylestown, Bucks County, Pa. and Horsham, Montgomery County, Pa.; that said newspaper was established in 1886; that securely attached hereto is a facsimile of the printed notice which is exactly as printed and published in said newspaper on

June 26, 2019

June 28, 2019

June 30, 2019

and is a true copy thereof, and that this affiant is not interested in said subject matter of advertising; and all of the allegations in this statement as to the time, place and character of publication are true.


LEGAL BILLING CO-ORDINATOR



Affirmed and subscribed to me before me this 26th day of June 2019 A.D.

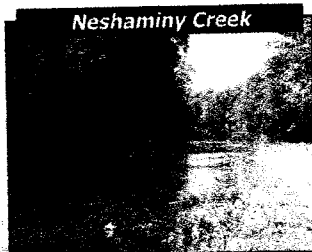
Commonwealth of Pennsylvania - Notary Seal
Kristen Smith, Notary Public
Bucks County
My commission expires March 5, 2022
Commission number 1324227

Resolve ... to protect your drinking water

From the well or the tap,
the watershed is the
source of your
drinking water.

It's precious...

- Water makes up three-quarters of our planet.
- Only 1% of all the water on earth is accessible and clean enough for our consumption.
- All people, plants and animals must share this same 1% water supply.



Neshaminy Creek

Remember...
**small actions make
a big difference.**
It's that simple.

Make every drop count...

- A watershed is all the land that drains into a common water body, such as a creek, stream or lake.
- Neshaminy Creek watershed encompasses 233 square miles and provides drinking water, recreation opportunities and flood protection for thousands of people living and working in Bucks and Montgomery counties.
- Preserving the Neshaminy Creek watershed means protection our drink water resources and our way of life.

RESOLVE TO DO MORE...

- Call your local Central Bucks NPDES Task Force member for more information about how you can protect the Neshaminy Creek watershed.

A partnership of the Central Bucks NPDES Task Force:
Doylestown Borough (215-345-4140), New Britain Borough (215-348-4586),
New Britain Township (215-822-1391), Warrington Township (215-343-9350)
and Doylestown Township (215-348-9915). For more information, call your
local Central Bucks NPDES Task Force member.

RECEIVED

SEP 03 2019

DOYLESTOWN TOWNSHIP

RECEIVED AUG 05 2019

INVOICE

Doylestown Township

425 Wells Road
Doylestown, PA 18901
Phone: 215-348-9915

INVOICE #:

06756

Page 1

CUSTOMER #:

2812

Sold To:

New Britain Borough
Attn Sam Bryant
45 Keeley Avenue
New Britain, PA 18901-
USA

Shipped To:

New Britain Borough
Attn Sam Bryant
45 Keeley Avenue
New Britain, PA 18901-
USA

Invoice Date	Your Order #	Payment Terms	Salesperson	Order Source	Shipped Via	
8/1/2019		Net 30				
Work Performed					Tax	Amount
Stormwater Advertising					<input type="checkbox"/>	\$148.52
Comments: Stormwater Advertising 01-446-341					Subtotal:	\$148.52
Stormwater Ad running 6/26/- 6/30/2019					Freight:	\$0.00
New Britain Borough Portion					Tax:	\$0.00
					Tax 2:	\$0.00
					Other:	\$0.00
					TOTAL:	\$148.52
					AMOUNT DUE:	\$148.52

General 406.34

Doylestown Township
406.34 · Advertising

8/7/2019
Stormwater Advertising 01-446-341, 6/26/19 thru 6/3

228

148.52

Penn Comm Gen Fun Inv #06756

148.52

PRODUCT SSLT104

USE WITH 91663 ENVELOPE

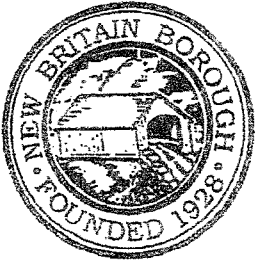
Deluxe Corporation 1-800-328-0304 or www.deluxe.com/shop

8470468301

042F23 STRDK04 05/18/2019 04:25:12

8/1/2019	Net 30		
Work Performed		Tax	Amount
Stormwater Advertising			\$148.52
Comments: Stormwater Advertising 01-446-341		Subtotal:	\$148.52
Stormwater Ad running 6/26/- 6/30/2019		Freight:	\$0.00
New Britain Borough Portion		Tax:	\$0.00
		Tax 2:	\$0.00
		Other:	\$0.00
		TOTAL:	\$148.52
		AMOUNT DUE:	\$148.52

General 406.34



New Britain Borough

45 Keeley Avenue • New Britain, Pennsylvania 18901 • 215-348-4586
FAX 215-348-5953

August 21, 2019

Sylvan Pools
Attn.: Corey Coughenoer
3739 Easton Road
Doylestown, PA 18902

**SUBJECT: VANPARYS RESIDENCE / POOL RESTOATION
#113 FRANCIS MEYERS ROAD - TMP # 25-2-18
NEW BRITAIN BOROUGH, BUCKS COUNTY, PENNSYLVANIA**

Dear Corey:

I witnessed the subject pool being drained to the road with a three (3") discharge pump on 8/16/19 by J.C Pools Tile and Coping. I checked the chlorine level and found it unacceptable (10ppm) for discharge to the street / stormwater system. The road was also damaged due to the large pump being utilized to transfer the pool water to the street gutter.

I had the worker stop pumping immediately, approximately 50% of the pool had already been drained. I also explained that the road must be repaired. You called shortly following explaining that the pool had been sufficiently drained for the work to continue (the pool was being drained for coping repair). I gave permission to work to resume and noted that the road damage needed to be repaired, or the Borough reimbursed for the repair (estimated at \$1,000.-).

Please have the street repaired by the end of next month 9/30/19, or issue a check in the above amount to 'New Britain Borough'.

Please call should you have any questions.

Sincerely,

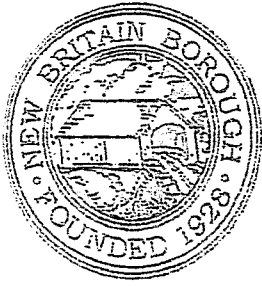
Mark G. Hintenlang, P.E.

cc: Samantha Bryant
J.C. Pools

Attachments

C:\D\NB\Boro\113FrancisMeyers\Poolrestoration\poolrestoration.doc

Mark G. Hintenlang - 34 Francis Meyers Road
New Britain, Pennsylvania 18901 - (215) 348-5962



New Britain Borough

45 Keeley Avenue New Britain, Pennsylvania 18901 215-348-4586
FAX 215-348-5953

July 15, 2019

Louis Vanparys
113 Francis Meyers Road
New Britain, PA 18901

**SUBJECT: NEW BRITAIN BOROUGH - GRASS CLIPPINGS
NEW BRITAIN, PA 18901**

Dear Louis:

The Pennsylvania Department of Environmental Protection has required New Britain Borough to reduce stream pollutants. The Pine Run Creek has specifically been classified as an impaired water body due to excessive algae growth and the Borough has been tasked with correcting this situation.

One major source of contamination is **lawn fertilizers and grass clippings**.

Please ensure that grass clippings are not directed to the roadway where they are quickly washed into streams and cause issues, especially with the summer temperatures. If you maintain your yard, or if you have a lawn service please ensure that clippings are directed into your yard, or removed.

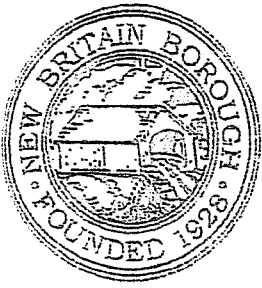
Thank you for your cooperation, please feel free to call should you have any questions or wish to discuss further. The Borough usually has a note in the Newsletter regarding these issues, please keep an eye out in the next issue.

Sincerely,

Mark G. Hintenlang, P.E., New Britain Borough Engineer

cc: Sam Bryant

C:\DNBBoro\MS4applications\2019\grassclippings\113FrancisMeyers.doc



New Britain Borough

45 Keeley Avenue • New Britain, Pennsylvania 18901 • 215-348-4586
FAX 215-348-5953

July 15, 2019

Dennis Penko
180 North Tamenend
New Britain, PA 18901

**SUBJECT: NEW BRITAIN BOROUGH - GRASS CLIPPINGS
NEW BRITAIN, PA 18901**

Dear Dennis:

The Pennsylvania Department of Environmental Protection has required New Britain Borough to reduce stream pollutants. The Pine Run Creek has specifically been classified as an impaired water body due to excessive algae growth and the Borough has been tasked with correcting this situation.

One major source of contamination is **lawn fertilizers and grass clippings**.

Please ensure that grass clippings are not directed to the roadway where they are quickly washed into streams and cause issues, especially with the summer temperatures. If you maintain your yard, or if you have a lawn service please ensure that clippings are directed into your yard, or removed.

Thank you for your cooperation, please feel free to call should you have any questions or wish to discuss further. The Borough usually has a note in the Newsletter regarding these issues, please keep an eye out in the next issue.

Sincerely,

Mark G. Hintenlang, P.E., New Britain Borough Engineer

cc: Sam Bryant

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New Britain Borough

45 Keeley Avenue • New Britain, Pennsylvania 18901 • 215-348-4586
FAX 215-348-5953

July 3, 2019

Morgan Arbogast
81 Pawnee
New Britain, PA 18901

**SUBJECT: NEW BRITAIN BOROUGH - GRASS CLIPPINGS
NEW BRITAIN, PA 18901**

Dear Morgan:

The Pennsylvania Department of Environmental Protection has required New Britain Borough to reduce stream pollutants. The Pine Run Creek has specifically been classified as an impaired water body due to excessive algae growth and the Borough has been tasked with correcting this situation.

One major source of contamination is **lawn fertilizers and grass clippings**.

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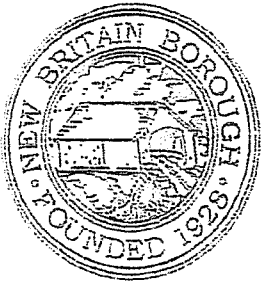
Thank you for your cooperation, please feel free to call should you have any questions or wish to discuss further. The Borough usually has a note in the Newsletter regarding these issues, please keep an eye out in the next issue.

Sincerely,

Mark G. Hintenlang, P.E., New Britain Borough Engineer

cc: Sam Bryant

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New Britain Borough

45 Keeley Avenue New Britain, Pennsylvania 18901 215-348-4586
FAX 215-348-5953

July 3, 2019

Elizabeth Ronky
95 Sioux
New Britain, PA 18901

**SUBJECT: NEW BRITAIN BOROUGH - GRASS CLIPPINGS
NEW BRITAIN, PA 18901**

Dear Elizabeth:

The Pennsylvania Department of Environmental Protection has required New Britain Borough to reduce stream pollutants. The Pine Run Creek has specifically been classified as an impaired water body due to excessive algae growth and the Borough has been tasked with correcting this situation.

One major source of contamination is **lawn fertilizers and grass clippings**.

Please ensure that grass clippings are not directed to the roadway where they are quickly washed into streams and cause issues, especially with the summer temperatures. If you maintain your yard, or if you have a lawn service please ensure that clippings are directed into your yard, or removed.

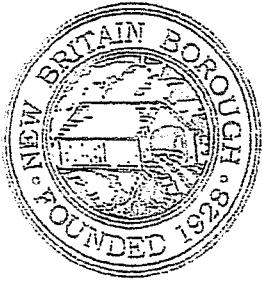
Thank you for your cooperation, please feel free to call should you have any questions or wish to discuss further. The Borough usually has a note in the Newsletter regarding these issues, please keep an eye out in the next issue.

Sincerely,

Mark G. Hintenlang, P.E., New Britain Borough Engineer

cc: Sam Brant

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New Britain Borough

45 Keeley Avenue • New Britain, Pennsylvania 18901 • 215-348-4586
FAX 215-348-5953

July 3, 2019

Richard Summers
126 North Tamenend
New Britain, PA 18901

SUBJECT: NEW BRITAIN BOROUGH - GRASS CLIPPINGS
NEW BRITAIN, PA 18901

Dear Richard:

The Pennsylvania Department of Environmental Protection has required New Britain Borough to reduce stream pollutants. The Pine Run Creek has specifically been classified as an impaired water body due to excessive algae growth and the Borough has been tasked with correcting this situation.

One major source of contamination is **lawn fertilizers and grass clippings**.

Please ensure that grass clippings are not directed to the roadway where they are quickly washed into streams and cause issues, especially with the summer temperatures. If you maintain your yard, or if you have a lawn service please ensure that clippings are directed into your yard, or removed.

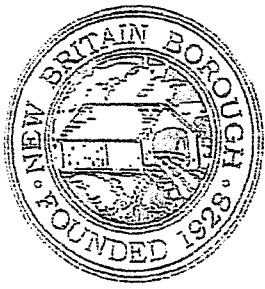
Thank you for your cooperation, please feel free to call should you have any questions or wish to discuss further. The Borough usually has a note in the Newsletter regarding these issues, please keep an eye out in the next issue.

Sincerely,

Mark G. Hintenlang, P.E., New Britain Borough Engineer

cc: Sam Bryant

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New Britain Borough

45 Keeley Avenue ○ New Britain, Pennsylvania 18901 ○ 215-348-4586

FAX 215-348-5953

July 3, 2019

Peter Lamantagne
190 North Tamenend
New Britain, PA 18901

**SUBJECT: NEW BRITAIN BOROUGH - GRASS CLIPPINGS
NEW BRITAIN, PA 18901**

Dear Peter:

The Pennsylvania Department of Environmental Protection has required New Britain Borough to reduce stream pollutants. The Pine Run Creek has specifically been classified as an impaired water body due to excessive algae growth and the Borough has been tasked with correcting this situation.

One major source of contamination is **lawn fertilizers and grass clippings**.

Please ensure that grass clippings are not directed to the roadway where they are quickly washed into streams and cause issues, especially with the summer temperatures. If you maintain your yard, or if you have a lawn service please ensure that clippings are directed into your yard, or removed.

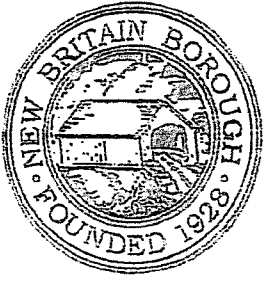
Thank you for your cooperation, please feel free to call should you have any questions or wish to discuss further. The Borough usually has a note in the Newsletter regarding these issues, please keep an eye out in the next issue.

Sincerely,


Mark G. Hintenlang, P.E., New Britain Borough Engineer

cc: Sam Bryant

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New Britain Borough

45 Keeley Avenue • New Britain, Pennsylvania 18901 • 215-348-4586

FAX 215-348-5953

June 4, 2019

Mike McCarthy
Delaware Valley Concrete
248 E. County Line Road
P.O. Box 457
Hatboro, PA 19040

**SUBJECT: DELAWARE VALLEY CONCRETE
 20 SOUTH SHADY RETREAT ROAD
 NEW BRITAIN, PA 18901**

Dear Mike:

Please schedule a roadway sweeping and inlet clean outs on Shady Retreat Road. The easterly inlet is full of sediment from the concrete plant and it appears that a new 'soil saver' (inlet filter) is required.

We would also appreciate you monitoring these facilities in the future and maintaining as necessary.

Sincerely,

Mark G. Hintenlang, P.E., New Britain Borough Road Master

cc: Sam Bryant

C:\D\NBBoro\DelValConcrete\SShady7.doc



Chalfont Borough
40 North Main Street
Chalfont , PA 18914
(215) 822-7295 Phone (215) 822-5528 Fax

Name: New Britain Borough

Address: 56 Keeley Avenue

City: New Britain

State: PA

Zip: 18901

Reason: 2019 Street Sweeping proposal (Fall)

DATE September 25, 2019

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
24.00	Labor (3 days)	53.12	\$1,274.88
36.00	Equipment Fuel	2.3972	86.30
0.50	Main Broom (1/2 of the Replacement cost)	315.00	157.50
1.00	Gutter Broom (full cost of one broom)	80.00	80.00
	if sweeping exceeds 3 days(24hrs) an additional charge at the established per hourly rate listed above will be added		
		SUBTOTAL	1,598.68
Miscellaneous Costs (additional 10% of charges)			159.87
this includes sweeper wear cost, insurance			
			\$1,758.55

MAKE ALL CHECKS PAYABLE TO:
Chalfont Borough

PAY THIS
AMOUNT



Chalfont Borough
40 North Main Street
Chalfont , PA 18914
(215) 822-7295 Phone (215) 822-5528 Fax

Name: New Britain Borough

Address: 56 Keeley Avenue
City: New Britain
State: PA
Zip: 18901

DATE April 30, 2019

Reason: 2019 Street Sweeping proposal (Spring)

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
24.00	Labor (3 days)	53.12	\$1,274.88
36.00	Equipment Fuel	2.4021	86.48
0.50	Main Broom (1/2 of the Replacement cost)	315.00	157.50
1.00	Gutter Broom (full cost of one broom)	80.00	80.00
3.00	Labor for transporting street sweeping to Glasgow Quarry, Montgomeryville	45.01	135.03
2.00	Glasgow, Inc charge for 2 loads of street sweepings	70.00	140.00
	if sweeping exceeds 3 days(24hrs) an additional charge of \$45.01 per hour will be added		
		SUBTOTAL	1,873.89
Miscellaneous Costs (additional 10% of charges)			187.39
this includes sweeper wear cost, insurance			
			\$2,061.27
MAKE ALL CHECKS PAYABLE TO: Chalfont Borough			PAY THIS AMOUNT



Chalfont Borough
40 North Main Street
Chalfont , PA 18914
(215) 822-7295 Phone (215) 822-5528 Fax

Name: New Britain Borough

Address: 56 Keeley Avenue

City: New Britain

State: PA

Zip: 18901

Reason: 2018 Street Sweeping proposal (Fall)

DATE October 30, 2018

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
8.00	Labor (8 hours)	51.63	\$413.04
12.00	Equipment Fuel	2.4492	29.39
0.00	Main Broom (1/2 of the Replacement cost)	315.00	0.00
0.00	Gutter Broom (full cost of one broom)	80.00	0.00
	if sweeping exceeds 3 days(24hrs) an additional charge of \$45.00 per hour will be added		
		SUBTOTAL	442.43
Miscellaneous Costs (additional 10% of charges)			44.24
this includes sweeper wear cost, insurance			
			\$486.67
MAKE ALL CHECKS PAYABLE TO: Chalfont Borough			PAY THIS AMOUNT

Ok to pay
Marie [Signature]
11/6/18

POLLUTANT REDUCTION PLAN (PRP)
TOTAL MAXIMUM DAILY LOAD (TMDL)
NEW BRITAIN BOROUGH, BUCKS COUNTY, PA
PADEP – MS-4 PROGRAM

Prepared December 17, 2018

Prepared by: Mark G. Hintenlang, P.E.

This plan is prepared for New Britain Borough for the following Impaired Waters and reasons:

Pine Run –	Excessive Algae
Cooks Run -	Nutrients
Neshaminy Creek TMDL -	Siltation, suspended solids
North Branch Neshaminy -	Water / flow variability
Neshaminy Creek-	Pathogens, Nutrients, Organic Enrichment / Low D.O.

It is noted that Pine Run contributes to the North Branch Neshaminy Creek and that both the Pine Run and Cooks Run contribute to Neshaminy Creek eventually. New Britain Borough does not directly contribute to North Branch Neshaminy, nor the Neshaminy Creek, so only the Pine Run and Cooks Run Pollutants should need to be considered. However New Britain Borough will also demonstrate pollution reduction to the North Branch Neshaminy and to the Neshaminy Creeks via the Pine Run and Cooks Run discharges.

TMDL Planning Area: The TMDL planning area consists of the entire New Britain Borough as outlined on the Watershed Map. The Borough is split by a ridge that runs along the Butler Avenue corridor. The north drains to the Pine Run Creek which eventually gets to the North Branch Neshaminy Creek in Chalfont; the southern part of the Borough drains to Cooks Run which drains to the Neshaminy Creek at New Britain Township. The entire area consists of 820 acres and is split with 250 acres draining to Pine Run and 570 acres to Cooks Run.

The area break downs are as follows:

	<u>Land Cover Type</u>	<u>Area (acres)</u>	<u>Adjusted (parsed)</u> <u>(acres)</u>
Pine Run Creek:	Impervious	64.4	63.8
	Lawn	125.7	124.6
	Undeveloped	60	59.5
Parsed areas:	PennDOT Roadways	2	
	Planning Area Total	248	

	<u>Land Cover Type</u>	<u>Area (acres)</u>	<u>Adjusted (parsed)</u> <u>(acres)</u>
Cooks Run:	Impervious	239.8	236.4
	Lawn	288.2	284.1
	Undeveloped	42	41.4
Parsed areas:	PennDOT Roadways	8	
	Planning Area Total	562	

The required pollutant reduction for impaired streams is as follows:

Pollutant	Required reduction
Siltation	10% (North Branch and Neshaminy Creeks only)
Nutrients / Low D.O.	5%

Existing / Proposed Loading computations:

Stream	Existing Sediment* TSS (lb/yr)	Existing Nutrient (TN) (lb/yr)	Existing Phosphorous (TP) (lb/yr)
<u>Pine Run</u>	1,215,718	2,486	290
Reduction %	10%	5%	
Reduction	121,572	124	
Proposed load	1,094,146	2,362	
 <u>Cooks Run</u>	 4,475,134	 6,337	 848
Reduction %	10%	5%	
Reduction	447,513	317	
Proposed load	4,027,621	6,020	

Per PADEP PRP Instructions – Attachment B

*Only algae growth and nutrients are required to be removed via the streams that New Britain Borough discharge to (Pine Run and Cooks Run). Therefore, sediment is not required to be addressed however the Borough will continue to remove all sediment possible. It is noted that the Pine Run and Cooks Run are not impaired with sediment.

Short- and long- term objectives:

Short-term objectives are being met with the current plan. Long-term objectives include monitoring and adjusting the short-term plan to adapt with future development and available funding. No short / long term objectives are required for the Pine and Cooks Run as they do not have defined sediment issues. Ultimate Waste Load Allocations (WLA's) will be considered with the long-term objectives as the plan progresses.

BMP's:

Due to eliminating grit in the salt mixture the Borough is eliminating 25 tons (100 tons of salt / grit used average annually (25% grit)). Based upon bi-annual street sweeping removal (eight (8) loads of 2.5 tons / load (20 tons) is removed. This equates to a total of approximately fifty 50 tons (100,000 pounds) of grit that is removed from the streets / streams.

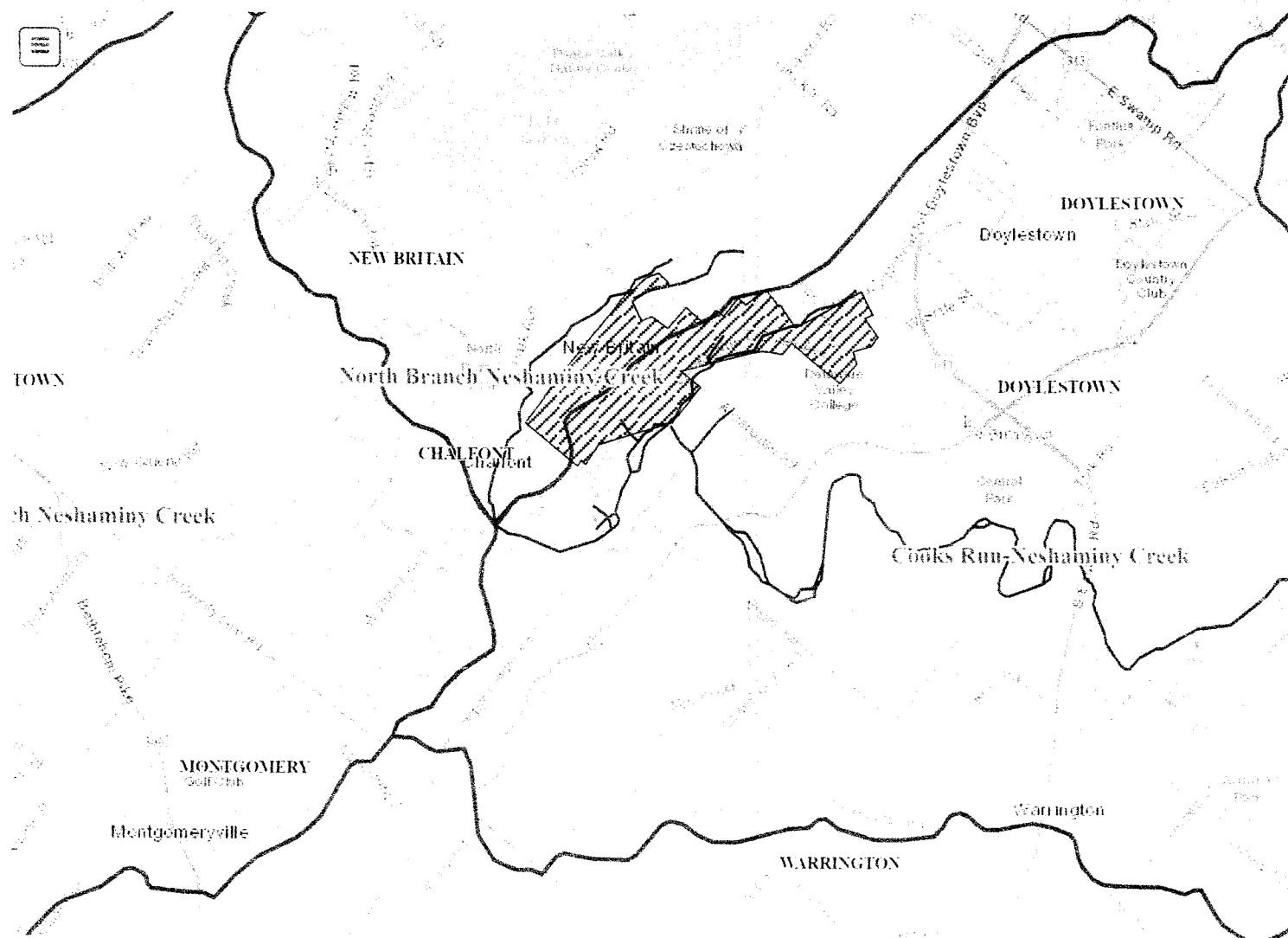
Nutrients will also be removed via public education and outreach by limiting the amounts of fertilizers utilized on residential and business lawns. It is noted that there is no farming in New Britain Borough. The Borough has also ceased to spray weed killer along the curb lines in order to help improve steam quality.

New improvements proposed within the Borough are required to provide infiltration stormwater facilities where adequate percolation exists, or rain gardens and possibly contribute the Borough's tree bank (which funds public tree plantings). The Borough is currently involved in a tree planting project grant, in addition to the trees planted at the nature preserve last year. The infiltration facilities will accept any site runoff and prevent it from entering streams.

All BMP's are owned and operated by the property owners. As such, the facilities / BMP's are the responsibility of the owners to construct, maintain, or replace as per the Operations and maintenance agreement with each BMP.

Funding Mechanisms: New Britain Bough has initiated a 'stormwater fund' in which \$6,000.- is invested annually. These funds may be utilized for stormwater improvements and the cost of increased salt costs due to 'grit removal' as well as for tree plantings. It is anticipated that future development with the construction of additional infiltration facilities will greatly aid in sediment removal as well as other pollutant removals.

New Britain will be following the five (5) year permit term to determine the best projects to utilize the funding for.



MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Bucks County						
MIDDLETOWN TWP	PAG130028	Yes	TMDL Plan	Delaware River Unnamed Tributaries to Neshaminy Creek Silver Lake Queen Anne Creek Magnolia Lake Lake Luxembourg Neshaminy Creek TMDL Mill Creek Neshaminy Creek	Appendix C-PCB (4a) Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5) Appendix E-Siltation (5) Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5) Appendix E-Nutrients, Suspended Solids (4a) TMDL Plan-Siltation, Suspended Solids (4a) Appendix C-PCB (4a), Appendix E-Siltation (5) Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c) Other Habitat Alterations (5) Other Habitat Alterations, Water/Flow Variability (4c) Other Habitat Alterations, Water/Flow Variability (4c)
MILFORD TWP	PA1130022	Yes	SP, IP	Unnamed Tributaries to Unami Creek Unnamed Tributaries to Beaver Run Tohickon Creek Morgan Creek Delmont Lake Beaver Run	Appendix E-Siltation (5) Appendix E-Nutrients, Siltation (5) Appendix E-Nutrients, Siltation (5) Appendix E-Siltation (5)	Water/Flow Variability (4c) Other Habitat Alterations (4c) Exotic Species (5) Water/Flow Variability (4c)
MORRISVILLE BORO	PAG130104	No		Delaware River Rock Run Martins Creek	Appendix C-PCB (4a) Appendix E-Siltation (5) Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c) Flow Alterations (4c)
NEW BRITAIN BORO	PAG130154	Yes	TMDL Plan	Pine Run Cooks Run Neshaminy Creek TMDL North Branch Neshaminy Creek Neshaminy Creek	Appendix E-Excessive Algal Growth (5) Appendix E-Nutrients (5) TMDL Plan-Siltation, Suspended Solids (4a) Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)

County	Category	Acres	TN lbs/acre/yr	TP lbs/acre/yr	TSS (Sediment) lbs/acre/yr
McKean	impervious developed	38.7	20.93	3.21	1,843.27
	pervious developed	5.3	22.58	1.45	249.26
Mifflin	impervious developed	5,560.2	21.83	1.79	1,979.13
	pervious developed	16,405.5	21.13	0.71	296.07
Montour	impervious developed	5,560.2	21.83	1.79	1,979.13
	pervious developed	16,405.5	21.13	0.71	296.07
Northumberland	impervious developed	8,687.3	25.73	1.54	2,197.08
	pervious developed	25,168.3	24.63	0.54	367.84
Perry	impervious developed	5,041.1	26.77	1.32	2,314.7
	pervious developed	9,977	23.94	0.51	343.16
Potter	impervious developed	2,936.3	16.95	2.75	1,728.34
	pervious developed	2,699.3	17.11	1.09	265.2
Schuylkill	impervious developed	5,638.7	30.49	1.56	1,921.08
	pervious developed	14,797.2	29.41	0.57	264.04
Snyder	impervious developed	4,934.2	28.6	1.11	2,068.16
	pervious developed	14,718.1	24.35	0.4	301.5
Somerset	impervious developed	1,013.6	25.13	2.79	1,845.7
	pervious developed	851.2	25.71	1.14	293.42
Sullivan	impervious developed	3,031.7	19.08	2.85	2,013.9
	pervious developed	3,943.4	21.55	1.31	301.58
Susquehanna	impervious developed	7,042.1	19.29	2.86	1,405.73
	pervious developed	14,749.7	20.77	1.21	203.85
Tioga	impervious developed	7,966.9	12.37	2.09	1,767.75
	pervious developed	18,090.3	12.22	0.76	261.94
Union	impervious developed	4,382.6	22.98	2.04	2,393.55
	pervious developed	14,065.3	20.88	0.69	343.81
Wayne	impervious developed	320.5	18.69	2.89	1,002.58
	pervious developed	509	21.14	1.31	158.48
Wyoming	impervious developed	3,634.4	16.03	2.53	2,022.32
	pervious developed	10,792.9	13.75	0.7	238.26
York	impervious developed	10,330.7	29.69	1.18	1,614.15
	pervious developed	40,374.8	18.73	0.29	220.4
All Other Counties	impervious developed	-	23.06	2.28	1,839
	pervious developed	-	20.72	0.84	264.96

Notes:

- 1 These land loading rate values may be used to derive existing pollutant loading estimates under DEP's simplified method for PRP development. MS4s may choose to develop estimates using other scientifically sound methods.
- 2 Acres and land loading rate values for named counties in the Chesapeake Bay watershed are derived from CAST. (The column for Acres represents acres within the Chesapeake Bay watershed). For MS4s located outside of the Chesapeake Bay watershed, the land loading rates for "All Other Counties" may be used to develop PRPs under Appendix E; these values are average values across the Chesapeake Bay watershed.
- 3 For land area outside of the urbanized area, undeveloped land loading rates may be used where appropriate. When using the simplified method, DEP recommends the following loading rates (for any county) for undeveloped land:
 - TN – 10 lbs/acre/yr
 - TP – 0.33 lbs/acre/yr
 - TSS (Sediment) – 234.6 lbs/acre/yr

These values were derived by using the existing loads for each pollutant, according to the 2014 Chesapeake Bay Progress Run, and dividing by the number of acres for the unregulated stormwater subsector.



Agenda for the Regular Meeting of the New Britain Borough Council September 10, 2019

1. Pledge of Allegiance
2. Announcement of Executive Session Held August 29th to Discuss Public Safety
3. Review Minutes of August 13, 2019
4. Resident Remarks on Agenda Items and Comments are Welcome
5. Building/Zoning, EMS, Fire, Resident, Road, and Police Reports
6. Treasurer's Report and Review of Bills
 - A. Announcement of 2020 Pension Minimum Municipal Obligation
7. President's Report
8. Manager's Report
9. Mayor's Report
10. Committee Activity Review, Questions, and Announcements
 - A. Borough Historian Presentation
11. Unfinished Business
 - A. Discussion of Police Services (Town Hall, Newsletter, Building, 2020 Budget)
12. New Business
 - A. Consideration of Approval of Active Transportation Plan
 - B. Consideration of Advertisement of Ordinance Regarding Open Burning
 - C. Consideration of Advertisement of Ordinance Regarding Donation Bins
 - D. Annual Stormwater Presentation
 - E. Consideration of Contractor for Keeley Ave Trail
13. Resident Remarks
14. Executive Session to Discuss Public Safety and Personnel
15. Adjournment

Upcoming Committee Meetings

Appointment Advisory	Thursday, September 26	7:30PM	Admin Office
Bird Town	Monday, September 9	6:30PM	Admin Office
Borough Council	Tuesday, September 10	7:30PM	Burkart Hall
Community and Business	Thursday, September 12	7:30PM	Admin Office
Facilities	Tuesday, September 24	7:00PM	Burkart Hall
Financial Advisory	Wednesday, September 25	7:30PM	Admin Office
Historic Preservation	Wednesday, September 18	10:00AM	Admin Office
Human Relations	Tuesday, October 1st	7:30PM	Burkart Hall
Nature Preserve	Monday, September 16	7:30PM	Admin Office
Parks & Recreation	Monday, September 9	8:30PM	Admin Office
Planning Commission	Tuesday, October 15	7:30PM	Burkart Hall
Police Commission	Thursday, September 26	7:00PM	Chalfont Borough Hall
Public Safety	TBD	TBD	Admin Office
Shade Tree Commission	Monday, September 23	7:30PM	Admin Office
Zoning Hearing Board	N/A	7:30PM	Burkart Hall

Committee Vacancies:

Historic Preservation – always welcome to new members;
Nature Preserve – 1 vacancy;
Parks and Recreation – 1 vacancy;
Public Safety – 1 vacancy;