MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS – 4)
ANNUAL REPORT

FOR

Lower Allen Township, Cumberland Co.

Submitted

PERMIT YEAR 04/17 – 06/18

PREPARED BY:

LOWER ALLEN TOWNSHIP
CUMBERLAND COUNTY, PA

TABLE OF CONTENTS

TRANSMITTAL LETTER

Department of Environmental ProtectionAnnual Report Form for MS-4 Program -Form 3800-FM-BCW0491 9/2017

ATTACHMENTS TO ANNUAL REPORT

ATTACHMENT # 1 ..... ANNUAL PROGRAM REVIEW MEMO
ATTACHMENT # 2 ..... LOWER ALLEN TOWNSHIP TARGET AUDIENCE LIST
ATTACHMENT # 3 ..... WEBSITE UPDATES - MS-4 PAGE AND SCREENSHOTS
ATTACHMENT # 4 ..... TOWNSHIP NEWSLETTER ARTICLES & MEETING MINUTES
ATTACHMENT # 5 ..... TOWNSHIP'S MS-4 FACEBOOK POSTINGS
ATTACHMENT # 6 ..... TOWNSHIP EASTER EGG HUNT MS-4 FLYER
ATTACHMENT # 7 ..... TOWNSHIP GARDNER'S GATHERING EVENT - MS4 CONTENT
ATTACHMENT # 8 ..... EARTH DAY FESTIVAL BROCHURES
ATTACHMENT # 9 ..... CAPCOG ADVERTISEMENT
ATTACHMENT # 10 ..... CEDAR CLIFF HIGH SCHOOL PRESENTATION & QUIZ
ATTACHMENT # 11 ..... WEST SHORE RECREATION CAMP PRESENTATION & PICTURE
ATTACHMENT # 12 ..... MS-4 PAMPHLETS - FRONT COUNTER
ATTACHMENT # 13 ..... MS-4 HANDOUTS FOR NATIONAL NIGHT OUT
ATTACHMENT # 14 ..... POLLUTION REDUCTION PLAN INFORMATION
ATTACHMENT # 15 ..... ANNUAL MS4 MEETING ADVERTISMENT & INFORMATION
ATTACHMENT # 16 ..... YELLOW BREECHES CLEAN UP EVENT
ATTACHMENT # 17 ..... PADEP HANDOUT - CONSTRUCTION SITE RUNOFF
ATTACHMENT # 18 ..... MS4 TRAINING SCHEDULE & MS4 ACTIVITY SHEET
ATTACHMENT # 19 ... ANNUAL TRAINING AGENDA/PRESENTATION & SIGN IN SHEET
ATTACHMENT # 20 ..... OUTFALL SCREENING FORMS & PHOTOGRAPHS
ATTACHMENT # 21 ..... BMP INVENTORY & INSPECTION REPORTS
ATTACHMENT # 22 ..... PADEP PRP CORRESPONDENCE
ATTACHMENT # 23 ..... IDDE INVESTIGATIONS
ATTACHMENT # 24 ..... BMP INVENTORY FOR PRP PLAN IMPLEMENTATION
ATTACHMENT # 25 ..... PUBLIC WORKS OPERATION & MAINTENANCE REPORT
ATTACHMENT # 26 ..... PUBLIC WORKS FACILITIES LIST

TRANSMITTAL LETTER

September 24, 2018

Pennsylvania Department of Environmental Protection
Watershed Program Manager
Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110

RE: MS4 Annual Report Form
NPDES Permit Number PAI 133511

Good Morning:

Enclosed please find the MS4 Annual Report Form from Lower Allen Township, Cumberland County for the above referenced Permit. This report is for the report period April 1, 2017 to June 30, 2018.

Please contact our office with any questions.

Sincerely,

Rebecca L. Davis
MS4 Coordinator

cc: Thomas G. Vernau, Jr., Township Manager
Erin Trone, Assistant Manager
Daniel J. Flint, P.E., NSPE, Township Engineer/Public Works Director

ATTACHMENTS TO ANNUAL REPORT

LOWER ALLEN TOWNSHIP

MUNICIPAL SERERATE STORM SEWER SYSTEM (MS-4) PROGRAM

Department of Environmental Protection

Annual Report Form for MS-4 Program

Form 3800-FM-BCW0491

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD April 1, 2017 TO JUNE 30, 2018

GENERAL INFORMATION			
Permittee Name:	Lower Allen Township	NPDES Permit No.:	PA133511
Mailing Address:	2233 Gettysburg Road	Effective Date:	March 16, 2018
City, State, Zip:	Camp Hill, PA 17011	Expiration Date:	March 15, 2023
MS4 Contact Person:	Rebecca L. Davis	Renewal Due Date:	September 20, 2022
Title:	MS4 Coordinator	Municipality:	Lower Allen Township
Phone:	717-975-7575	County:	Cumberland
Email:	rdavis@latwp.org		

Co-Permittees (if applicable):

Appendix(ces) that permittee is subject to (select all that apply):

☐ Appendix A ☐ Appendix B ☐ Appendix C ☒ Appendix D ☐ Appendix E ☐ Appendix F

WATER QUALITY INFORMATION

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

Identify all surface waters that receive stormwater discharges from the permittee's MS4 and provide the requested information (see instructions).

Receiving Water Name	Ch. 93 Class.	Impaired?	Cause(s)	TMDL?	WLA?
Cedar Run	CWF	Yes	Pathogens	No	No
Yellow Breeches	CWF	Yes	Pathogens	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	Lower Allen Township	Rebecca L. Davis	717-975-7575 Ext. 1010
#2 Public Involvement/Participation	Same as above	Same as above	Same as above
#3 Illicit Discharge Detection and Elimination (IDD&E)	Same as above	Same as above	Same as above
#4 Construction Site Storm Water Runoff Control	Same as above	Same as above	Same as above
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Same as above	Same as above	Same as above
#6 Pollution Prevention / Good Housekeeping	Same as above	Same as above	Same as aove

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

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

1. For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage?

   ☐ Yes ☐ No

2. Date of latest annual review of PEOP: February 15, 2018 Were updates made? ☒ Yes ☐ No (See Attachment #1)

3. What were the plans and goals for public education and outreach for the reporting period?

   1. The Township may want to customize their Target Audience list to reach custormers within impaired watersheds.The PEOP was updated on April 4, 2018. The Target Audience list has been updated to add customers in impaired watersheds and continues to be updated as new Target Audience Groups in the Township are identified (See Attachment #2)

4. Did the MS4 achieve its goal(s) for the PEOP during the reporting period? ☒ Yes ☐ No

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

   1. Annually review, evaluate, and revise the Public Education and Outreach Program
   2. Review and update target audience groups as new groups are identified.

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

1. For new permittees only, have the target audience lists been developed and implemented within the first year of permit coverage?

   ☐ Yes ☐ No

2. Date of latest annual review of target audience lists: 2/15/2018 (See Attachment #1). Were updates made? ☒ Yes ☐ No

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

1. 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: 2/15/2018 (See Attachment #1). Were updates made? ☒ Yes ☐ No

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

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

The website has an MS4/Stormwater page that was updated in March of 2018. There is a pull down menu on the Township's webpage specifically dedicated to MS4. The MS4 page has general information on what the MS4 program is, how the Townhsip's MS4 Permit works, and information on each of the six MCMs of the permit. There are general resources for resdients to obtain information and reporting forms for illicit disharges and BMP inspections.There is also an image called "MS4 Updates" on the homepage that contains information about the Township's process of adopting a stormwater program and associated fee (See Attachment #3).

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

The Township newsletter publishes four times a year (See Attachment #4). Spring 2017 contained information regarding illicit discharges. Summer 2017 had information regarding care of your lawn and pesticide use. Fall 2017 had information on the Township's leaf collection services and on the Chesapeake Bay Pollution Diet. Winter 2018 had an article on why stormwater is a problem. Spring of 2018 had an article on pet waste and stormwater contamination. Summer 2018 had an article on lawn mulching and the benefits that it provides to the environment and your lawn. Summer 2018 also had a "Stormwater Program Update" article on the front page of the newsletter. The Township Facebook page posts links to various MS4 related activities (See Attachment #5).The Facebook page posted a link to our annual stormwater program update meeting held on March 12, 2018, at the Board of Commissioners Public Meeting. The MS4 website page update was posted on Facebook. The Gardern's Gathering event held on April 28, 2018, was posted on the Facebook Page. Links to issues of the Township newsletter were posted on Facebook. The Stormwater Program Fee meeting that was held on June 11, 2018 at the Board of Commissioners Meeting was posted on Facebook and the Township Website. The Township provided a stormwater coloring page that was put in participants giveaway bags at the Annual Easter Egg Hunt held on March 24, 2018 (See Attachment #6). The Township held their Annual Gardner's Gathering Event on April 28, 2018. This was advertised in the Township newsletter, website and facebook (See Attachment #'s 3,4, & 5). The Township offered a Stormwater Presentation to the public at the Gardner's Gathering. The topic was "Community Solutions for Stormwater - What are MS4s and how can I help?" (See Attachment #7). The Township provided informational pamphlets at the Earth Day Festival held in Mechanicsburg Borough on April 21, 2018 (See Attachment #8). The Township participated in the West Shore Council of Governments annual stormwater management advertisment in the Patriot Newspapaer on October 5, 2017 (See Attachment #9). The Township spoke to the Cedar Cliff High School Biology Class about stormwater. The students took a quiz titled "Grade your school for stormwater management". The students also heard a Powerpoint presentation on Stormwater Pollution (See Attachment #10).The Township spoke to children that were enrolled in the West Shore Recreation Summer Program on June 28, 2018. The topic was "What is a Watershed" and a video was also shared with the children on Stormwater Pollution (See Attachment #11). The Township created pamphlets for the front counter in the Community and Economic Development Department regarding Stormwater Pollution and Rain Garden Construction (See Attachment #12).

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

The Township will continue to update the webpage and Facebook with Stormwater Management Information. The Township will outreach to schools, businesses, and organizations to edcuate the community about stormwater manangment. The Township will participate in Earth Day events and speak at our annual Gardner's Gathering event. The Township will place articles in the quarterly newsletter regarding stormwater management and the stormwater fee adoption process. The Township will update information handed out with permits regarding stormwater management.

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).

The Township created two new pamphlets for stormwater educational outreach to target audiences (See Attachment #12.) The Township created a reporting mechanism on the website for reporting illicit discharges (See Attachment #3.) The Township presented to the Cedar Cliff High School Biology Class and the West Shore Recreation Summer Camp regarding Stormwater Pollution (See Attachments #10 & 11.) The Township Participated in the West Shore Council of Goverments Stormwater Pollution Advertisment in the Patriot Newspaper on October 5, 2017 (See Attachment #9.)The Township held public meetings on March 12, 2018 and June 11, 2018 regarding MS4 and Stormwater.

MCM #1 Comments:

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: February 15, 2018 (See Attachment #1) 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 Public Participation component of the PRP consisted of the following:

1. Advertisement in a newspaper of general circulation (Patriot News) on June 27, 2017.
2. The ad stated that the Draft PRP was available for review at the Township Office and on the Township website.
3. The ad stated that Public Comment would be received at the Board of Commissioners meeting on July 10, 2017.
4. The ad stated that written comments would be received until July 31, 2017

(See Attachment #15)

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
Chesapeake Bay Pollution Reduction Plan	June 27, 2017	July 10, 2017 (public meeting)	September 16, 2017

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: Annual MS4 Update meeting held on March 12, 2018 at theTownship Board of Commissioners meeting. This meeting was advertised in the Patriot News, on the Township's website, and also on Facebook (See Attachments #5 & #15).

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 Township participated in a streamside cleanup event that was organized by the Yellow Breeches Watershed Assocation. The date of the clean up event was March 31, 2018 (See Attachment #16).

The Township held it's annual National Night Out event at the Municipal Services Center on August 1, 2017. There was an informational table set up with MS4 brouches available to the attendees (See Attachment #13).

Lower Allen Township presented to Cedar Cliff High School Students on May 23, 2018. The students participated in a stormwater quiz about their school and what they can do to help manage stormwater (See Attachment#10). Lower Allen Township presented to the West Shore Recreation Summer Progam on June 28, 2018. Children heard a presentation on watersheds and also watched a video on stormater pollution (See Attachment #11).

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 Township participated in a streamside cleanup event that was organized by the Yellow Breeches Watershed Assocation. The date of the clean up event was March 31, 2018 (See Attachment #16).

   The Township held it's annual National Night Out event at the Municipal Services Center on August 1, 2017. There was an informational table set up with MS4 brochures available to the attendes (See Attachment #13).

   Lower Allen Township presented to Cedar Cliff High School Students on May 23, 2018. The students participated in a stormwater quiz about their school and what they can do to help manage stormwater (See Attachmentt#10). Lower Allen Township presented to the West Shore Recreation Summer Progam on June 28, 2018. Children hear a presentation on watersheds and also watched a video on stormater pollution (See Attachment #11).

MCM #2 Comments:

The meeting minutes from Lower Allen Township Board of Commissioner's Public Meetings that dicuss MS-4 subjects are attached to this document in Attachment #4.

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: 2/15/2018 (see Attachment #1) 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): 5/31/2018

3. Total No. of Outfalls in MS4: 85 Total No. of Outfalls Mapped: 85

4. Total No. of Observation Points: 0 Total No. of Observation Points Mapped: 0

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): 5/31/2018

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? 22

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: 45%

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: Adopted 03/08/2004, amended 02/14/2011

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? A pamphlet titled "A Residential Guide for Preventing Stormwater Pollution" was created and placed in the Municipal Services Center Community and Economic Development Department Counter. The pamphlet was also handed out at the Township's Gardner's Gathering Event and the Mechanicsburg Earth Day Festival (See Attachment #12).The Township Website was updated with information regarding what an illicit discharge is and how to prevent and report them (See Attachment #3). The Townhsip spoke to the Cedar Cliff High School Biology Classes regarding illicit discharges and prevention (See Attachment #10). Township quarterly newsletter articles throughout the reporting period addressed illicit discharges (See Attachment #4).

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:

The Township website has been updated with a form filliable Illicit Discharge Reporting Form. E-mail and phone contacts for the MS-4 Coodinator have been provided on the website to the public (See Attachment #3).

Attachment #23 attached to this report contains illlicit discharge investigations and documentation. There were several investigations that occurred in Lower Allen Township during the reporting period.

The Township received a complaint from PADEP by phonecall and email on February 27, 2018. The complaint was regarding a possible illicit discharge at 1477 Maplewood Drive, New Cumberland, PA. The documentation regarding the investigation and all documentation are attached to this report in Attachment #23.

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: Adopted 03/08/2004, amended 02/14/2011

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:

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:

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:

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:

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:

MCM #4 Comments:

The Township hands out a PADEP informational sheet to all building permit applicants on managing stormwater runoff at construction sites (See Attachment #17).

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: Adopted 03/08/2004, amended 02/14/2011

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: Adopted 03/08/2004, amended 02/14/2011

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):

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	See Attachment #21 for PCSM BMP Inventory, BMP Inspection Reports, and Description of Operation & Maintenance Procedures			° ' "	° ' "			
2				° ' "	° ' "			
3				° ' "	° ' "			
4				° ' "	° ' "			
5				° ' "	° ' "			
6				° ' "	° ' "			
7				° ' "	° ' "			
8				° ' "	° ' "			
9				° ' "	° ' "			
10				° ' "	° ' "			
11				° ' "	° ' "			
12				° ' "	° ' "			
13				° ' "	° ' "			
14				° ' "	° ' "			

15				° ' "	° ' "			
16				° ' "	° ' "			

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:

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 permitee that have the potential to generate stormwater runoff into the MS4? ☒ Yes ☐ No

2. When was the inventory last reviewed? 3/21/2018

3. When was it last updated? 3/21/2018 - See Attachment #26 for the Facilities List

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: 3/21/2018

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: 4/1/2018 Date of latest training: 3/27/2018

3. Training topics covered:

   Signs and Labels for Good Housekeeping Compliance (See Attachment #19).

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

   Rebecca L. Davis, MS4 Coordinator

5. Names of training attendees:

   See Attachments #18 & #19 for content covered and attendees.

MCM #6 Comments:

All new employees that are hired at Lower Allen Township watch a MS4 Powerpoint Presentation as a part of their new employee orientation. A spreadsheet of all MS4 trainings that employees participated in is attached as Attachment #18 as well as a MS4 Activity Tracking Sheet for MS4 related activities that Lower Allen Township employees participated in. These trainings are in addition to the training that was held on 3/21/2018. Attachment #25 includes Lower Allen Township's Public Works Operation & Maintenance Report for 2017 and Attachment #26 includes Lower Allen Township's Facilities List.

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)		☐	
Source Inventory		☐	
Investigation of Suspected Sources		☐	
Ordinance/SOP for Controlling Animal Wastes		☐	

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
☒ Chesapeake Bay PRP (Appendix D)	9/16/2017	Has not been approved by PADEP to date.	Chesapeake Bay
☐ Impaired Waters PRP (Appendix E)			
☐ TMDL Plan (Appendix F)			

☐ Combined Chesapeake Bay / Impaired Waters PRP			Chesapeake Bay,
☐ Combined PRP / TMDL Plan			

☐ 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)
☒ Chesapeake Bay PRP (Appendix D)	317,931.59	TP goals are achieved when 10% reduction in sediment is achieved	TN goals are achieved when 10% reduction in sediment is achieved
☐ Impaired Waters PRP (Appendix E)			
☐ TMDL Plan (Appendix F)			
☐ Combined Chesapeake Bay / Impaired Waters PRP			
☐ Combined PRP / TMDL Plan			

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: TBD from PADEP once PRP is approved

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.

PRP submitted to PADEP on 9/16/17. Comments were received from PADEP at Lower Allen Township on June 11, 2018. A response letter was mailied on June 20, 2018 requiring clarification to several items in the comment letter. A response leter was received from PADEP on August 2, 2018. Lower Allen Township is in the process of addressing the comments for resubmission to PADEP and revising the PRP to address those comments (See Attachment #14 & 22).

6. Anticipated activities for next reporting period.

Obtain PRP approval from PADEP and beign implementation of basin retrofit projects to reduce TSS by reductions approved in the PRP.

PRP/TMDL Plan Comments:

The PRP proposes to retrofit 10 detention basins into bioretention facilities in the Township to meet the required load reductions. Four of the basins are Township owned and six basins are on private property.

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)
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	

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 Inspect -ion	Satis-factory?
	See Attachment #24					° ' "	° ' "				☐
						° ' "	° ' "				☐
						° ' "	° ' "				☐
						° ' "	° ' "				☐
						° ' "	° ' "				☐
						° ' "	° ' "				☐

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.

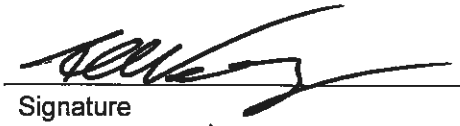
For All Permittees: I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage 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).

Thomas G. Vernau, Jr.	
Name of Responsible Official	Signature
717-975-7575	
Telephone No.	Date

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).

Thomas G. Vernau, Jr.	
Name of Responsible Official	Signature
717-975-7575	9/18/18
Telephone No.	Date

ATTACHMENT # 1

ANNUAL PROGRAM REVIEW MEMO

LOWER ALLEN TOWNSHIP
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

02.15.2018

Memo

To
Daniel Flint, P.E. (DF)

From
Rebecca Davis (RD)

CC
R. Allen (RA)

Re
Meeting Minutes
MS-4 Annual Review

On February 14, 2018, the staff members listed below gathered to review and revise as necessary the MS-4 program in Lower Allen Township. The program was discussed in the order of the six (6) Minimum Control Measures (MCMs) that make up the program.

Present:

Daniel Flint, P.E. (DF)
William P. Gralski (WPG)
Raymond Allen (RA)
Rebecca Davis (RD)

Comments:

The meeting began promptly at 1:00 PM and the discussions are described below:

MCM # 1 Public Education and Outreach

The main point discussed in this section of the meeting was the need for any modifications to target audience list. DF noted that we might want to customize the Target Audience List to reflect certain geographical regions of the Township by using GIS and mapping to determine Industrial and Commercial Areas to add to the list. RD discussed outreaching to schools, summer recreation programs, and the West Shore Chamber of Commerce. WG discussed the outreach that would occur with the possible adoption of a stormwater fee for the Township. DF indicated that there would be advertised public meetings to discuss the fee. DF also indicated that the annual public meeting to discuss MS4 would be occurring in March.

Lower Allen Township

Tel (717) 975-7575

2233 Gettysburg Rd.
Camp Hill, Pa. 17011

MCM # 2 Public Involvement and Participation

Under this MCM the group decided that the target audience list from above could be used for both MCM's. There was discussion about outreach efforts to local schools, business associations, businesses, and summer recreation programs to satisfy the requirements of this MCM.

MCM # 3 Illegal Discharge Detection and Elimination

WG asked when the last time outfalls were visited or reviewed. RA mentioned that the IDDE outfall visits were nearly complete for the permit year and for the permit cycle. The Outfall map has been revised slightly based on field visits and DEPs classification of "Outfalls".

The group discussed the need for establishing a list of priority outfalls to be visited more frequently in industrial or commercial areas. RD indicated that this is a goal that she would add for MCM #3 for the upcoming permit year.

WG and RD noted that the website should contain information regarding Illicit Discharges and a reporting mechanism for residents to utilize. DF indicated that the information could easily be added to the Township's website.

WG discussed the process of documenting the IDDE forms. RA noted that he is currently keeping copies of each form when he returns from a field visit. Scanning the forms into a PDF was suggested for record retention.

MCM # 4 Construction Site Stormwater Runoff Control

Since the Township deferred to the state program for this MCM, follow-up actions were not required. RD asked if the Township received reports from the Cumberland County Conservation District (CCCD) when they conducted inspections in the Township for Erosion and Sedimentation permits. DF noted that they are emailed to the Township and could be included in the annual report.

MCM # 5 Post Construction Stormwater Management in New Development and RE-development.

All parties discussed the Township's current O & M program of sending out inspection forms and letters. DF discussed customizing the letters by adding the type of BMP specific to the property and tax parcel ID# to the mailings. This could be done with the mail merge program by adding an additional field to the letters. RD discussed adding language to the letters for the next permit year requesting that pictures of the BMP accompany the completed reports. All parties discussed customizing the inspection forms for the type of BMP installed. RD to send out follow-up letters next month from those who have not responded to the initial mailing.

MCM # 6 Pollution Prevention/ Good Housekeeping

All parties discussed trainings to be conducted for Emergency Services (Police, Fire, EMS), and for Administrative staff on how to handle IDDE complaints. DF noted that training was conducted for Public Works staff last year and will occur every permit year. WG noted that proper signage should be installed at Township owned facilities to identify items such as recyclables, flammables, absorbents, spill kits, etc.

General Discussion

WG, DF, RA, and RD discussed the upcoming MS4 efforts for the year. The group will have to focus on the 2017-2018 Annual report. RD will reach out to Scott Arwood with PADEP to verify the annual report due date and the reporting period. In addition, the group will be tasked with implementation of the BMP projects outlined in the Chesapeake Bay Pollution Reduction Plan to meet the Township's required reduction loads.

The meeting was adjourned at 2:20 PM.

ATTACHMENT # 2

LOWER ALLEN TOWNSHIP TARGET AUDIENCE LIST

Lower Allen Township MS - 4 Target Audience List

Township Businesses

Name	Street	City	Zip	State
2K Kases	3989 Capital City Mall Drive	Camp Hill	17011-7003	PA
975-9877	41 Argali Ln	Mechanicsburg	17055-4859	PA
AD Marble Co.	3913 Hartzdale Drive	Camp Hill	17011	PA
Adability, Inc.	3607 Rosemont Ave	Camp Hill	17011	PA
ADM Alliance Nutrition	2000 Hummel Ave	Camp Hill	17011	PA
Admin. Offices of PA Courts	5035 Ritter Rd	Mechanicsburg	17055	PA
ADP Training/Sales	930 Century Drive	Mechanicsburg	17055	PA
Aeropostale	3568 Capital City Mall Drive	Camp Hill	17011-7003	PA
Ajilon	5001 Louise Drive	Mechanicsburg	17055	PA
Al-Huda School	1007 Rana Villa Ave	Camp Hill	17011	PA
Allen Middle School	4225 Gettysburg Rd	Camp Hill	17011	PA
Allied Carton	3491 Capital City Mall Drive	Camp Hill	17011-7003	PA
Alpha Graphics	3401 Hartzdale Drive	Camp Hill	17011	PA
Alternative Services Concepts	5010 Ritter Rd	Mechanicsburg	17055	PA
American Eagle Outfitters	3522 Capital City Mall Drive	Camp Hill	17011-7003	PA
American General Life & Accide	2415 Gettysburg Rd	Camp Hill	17011	PA
American Homecare Supply Co	2300 Gettysburg Rd	Camp Hill	17011	PA
American Homepatient	3825 Hartzdale Drive	Camp Hill	17011	PA
American Lung Association of F	3001 Gettysburg Rd	Camp Hill	17011	PA
Americhoice Federal Credit Un	433 S. 18th St	Camp Hill	17011	PA
Angie's Bark Avenue	4912 Louise Drive	Mechanicsburg	17055	PA
Animal Hospital	1010 Wesley Drive	Mechanicsburg	17055	PA
Apple Fasteners	3617 Simpson Ferry Rd	Camp Hill	17011	PA
Appleton Paper	2850 Appleton St	Camp Hill	17011	PA
Applied Research Associates, Ir	3605 Hartzdale Drive	Camp Hill	17011	PA
Armstrong Cabinets	4700 Westport Drive	Mechanicsburg	17055	PA
ASF-Keystone	3420 Simpson Ferry Rd	Camp Hill	17011	PA
Asian American Market	3507 Simpson Ferry Rd	Camp Hill	17011	PA
Asplundh Tree Experts	5020 Ritter Rd	Mechanicsburg	17055	PA
AT&T	3588 Capital City Mall Drive	Camp Hill	17011-7003	PA
Auntie Anne's	3475 Capital City Mall Drive	Camp Hill	17011-7003	PA
Auto Body Pros	141 Creek Rd	Camp Hill	17011	PA
Auto Camp Tire & Auto Service	3609 Hartzdale Drive	Camp Hill	17011	PA
Automatic Data Processing	930 Century Drive	Mechanicsburg	17055	PA
AutoZone	5012 Simpson Ferry Rd	Mechanicsburg	17050	PA
Avian & Feline Hospital	3300 Hartzdale Drive	Camp Hill	17011	PA
Bair Machine Company	153 Creek Rd	Camp Hill	17011	PA
Barbara Slabe, DMD	1776 Carlisle Rd	Camp Hill	17011	PA
Barbush & Hoffman, CPA	1104 Fernwood Ave	Camp Hill	17011	PA
Bath & Body Works	3573 Capital City Mall Drive	Camp Hill	17011-7003	PA

Batteries Plus	2501 Gettysburg Rd	Camp Hill	17011	PA
Beaudry's Oral Surgery	3600 Gettysburg Rd	Camp Hill	17011	PA
Beauty Nails	5202 Simpson Ferry Rd	Mechanicsburg	17050	PA
Becker's Service Center	3150 Getttysburg Rd	Camp Hill	17011	PA
Benny's Pet Depot	5202 Simpson Ferry Rd	Mechanicsburg	17050	PA
Best Buy Mobile	3537 Capital City Mall Drive	Camp Hill	17011-7003	PA
Bethany Towers	335 Wesley Drive	Mechanicsburg	17055	PA
Bethany Village Retirement Ce	325 Wesley Drive	Mechanicsburg	17055	PA
BJ's Wholesale Club	3805 Hartzdale Drive	Camp Hill	17011	PA
Bleacher Bums	3533 Capital City Mall Drive	Camp Hill	17011-7003	PA
Body Central	3455 Capital City Mall Drive	Camp Hill	17011-7003	PA
Bortek Industries, Inc.	4716 Gettysburg Rd	Mechanicsburg	17055	PA
Brewhouse Grille	2050 State Rd	Camp Hill	17011	PA
Brookside Montessori	3708 Rosemont Ave	Camp Hill	17011	PA
Brothers Pizza	4910 Louise Drive	Mechanicsburg	17055	PA
Bruster's	3521 Hartzdale Drive	Camp Hill	17011	PA
Build-A-Bear Store	3519 Capital City Mall Drive	Camp Hill	17011-7003	PA
Builder's Supply	308 S. 18th St	Camp Hill	17011	PA
Burger King	3555 Gettysburg Rd	Camp Hill	17011	PA
CACI, Inc.	5000 Ritter Rd	Mechanicsburg	17055	PA
Caf	4700 Gettysburg Rd	Mechancsburg	17055	PA
Camp Hill Auto and Truck-Beck	3303 Hartzdale Drive	Camp Hill	17011	PA
Camp Hill Family Chiropractic	3401 Hartzdale Drive	Camp Hill	17011	PA
Camp Hill Motel	3803 Glenwood Ave	Camp Hill	17011	PA
Capital Area Pregnancy Center	2515 Gettysburg Rd	Camp Hill	17011	PA
Capital City Car Wash	3525 Hartzdale Drive	Camp Hill	17011	PA
Capital City Dental Center	3401 Hartzdale Drive	Camp Hill	17011	PA
Capital City Mall	3506 Capital City Mall Drive	Camp Hill	17011-7003	PA
Capital City News	3977 Capital City Mall Drive	Camp Hill	17011-7003	PA
Capital City Plaza	3401 Hartzdale Drive	Camp Hill	17011	PA
Capital Vision Center	3100 Gettysburg Rd	Camp Hill	17011	PA
Capitol Presort Services	25 Utley Drive	Camp Hill	17011	PA
Cartridge World	5250 Simpson Ferry Rd	Mechanicsburg	17050	PA
Cassimatis and Desseyn, Esqs.	4999 Louise Drive	Mechanicsburg	17055	PA
Cedar Cliff High School	1301 Carlisle Rd	Camp Hill	17011	PA
Cedar Place Apt. Office	2101 Cedar Run Drive	Camp Hill	17011	PA
Cell Works Cellular	3506 Capital City Mall Drive	Camp Hill	17011-7003	PA
Cellular One	3506 Capital City Mall Drive	Camp Hill	17011-7003	PA
Center for Applied Managemer	3609 Gettysburg Rd	Camp Hill	17011	PA
Century 21 Walak Associates	3803 Cedar Ave	Camp Hill	17011	PA
Changing Spaces	2240 Gettysburg Rd	Camp Hill	17011	PA
Charles F. Sullivan, CPA	1513 Cedar Cliff Drive	Camp Hill	17011	PA
Charles Rector, Esq.	1104 Fernwood Ave	Camp Hill	17011	PA
Charlotte Russe	3574 Capital City Mall Drive	Camp Hill	17011-7003	PA
Cheran Inc. Electrical Contracto	3552 Gettysburg Rd	Camp Hill	17011	PA
Chic Hair Design	3816 Gettysburg Rd	Camp Hill	17011	PA
Christ Community Church	1201 Slate Hill Rd	Camp Hill	17011	PA

Christ Presbyterian Church	421 Deerfield Rd	Camp Hill	17011	PA
Christian Life Assembly	2645 Lisburn Rd	Camp Hill	17011	PA
Christopher Banks	3507 Capital City Mall Drive	Camp Hill	17011-7003	PA
Ciao Pizzeria	1150 Lowther Rd	Camp Hill	17011	PA
Cingular Wireless	3588 Capital City Mall Drive	Camp Hill	17011-7003	PA
CitiFinancial	3401 Hartzdale Drive	Camp Hill	17011	PA
Citizen's Bank	1510 Cedar Cliff Drive	Camp Hill	17011	PA
City Looks	1104 Carlisle Rd	Camp Hill	17011	PA
Claires Boutique	3572 Capital City Mall Drive	Camp Hill	17011-7003	PA
Classic Dry Cleaners	5028 Simpson Ferry Rd	Mechanicsburg	17050	PA
Coble's Transfer & Storage	1500 Hummel Ave	Camp Hill	17011	PA
Comfort Inn	1012 Wesley Drive	Mechanicsburg	17055	PA
Communications Services	2929 Gettysburg Rd	Camp Hill	17011	PA
Concentra Medical Center	4910 Ritter Rd	Mechanicsburg	17055	PA
Conforti Rehab Services	920 Century Drive	Mechanicsburg	17055	PA
Cornwell Door Service	3300 Hartzdale Drive	Camp Hill	17011	PA
Costea's Auction	2228 Gettysburg Rd	Camp Hill	17011	PA
Country Inn & Suites	4943 Gettysburg Rd	Mechanicsburg	17055	PA
Country Patchwork	1603 Carlisle Rd	Camp Hill	17011	PA
Country Walk Apartments	1400 Hillcrest Ct	Camp Hill	17011	PA
Courtyard by Marriott	4921 Gettysburg Rd	Mechanicsburg	17055	PA
CPO2, Inc.	5268 Simpson Ferry Rd	Mechanicsburg	17050	PA
Crazy 8	3523 Capital City Mall Drive	Camp Hill	17011-7003	PA
Creative Looks	3808 Gettysburg Rd	Camp Hill	17011	PA
Creston Apartments	4420 Gettysburg Rd	Camp Hill	17055	PA
Crimson Frog	1104 Carlisle Rd	Camp Hill	17011	PA
Crown Trophy	1106 Carlisle Rd	Camp Hill	17011	PA
Cumberland Perry Housing	829 Lisburn Rd	Camp Hill	17011	PA
CVS Pharmacy	1116 Carlisle Rd	Camp Hill	17011	PA
Dairy Farmers of America, Inc.	4825 Gettysburg Rd	Mechanicsburg	17055	PA
Dairy Queen/Orange Julius	3652 Capital City Mall Drive	Camp Hill	17011-7003	PA
DalTile	4750 Westport Drive	Mechanicsburg	17055	PA
David L. Reisman Lawn Service	4705 Gettysburg Rd	Mechanicsburg	17055	PA
Dead Sea Legend	3506 Capital City Mall Drive	Camp Hill	17011-7003	PA
Deanne Burch Photography	3602 Rosemont Ave	Camp Hill	17011	PA
DHC	5021 Louise Drive	Mechanicsburg	17055	PA
Diakon Lutheran Social Ministr	960 Century Drive	Mechanicsburg	17055	PA
Dist. Coun./Assembly of God Cl	4651 Westport Drive	Mechanicsburg	17055	PA
Dollar General	5034 Hann Rd	Mechanicsburg	17050	PA
Dollar General	1104 Carlisle Rd	Camp Hill	17011	PA
Donald McCione	1104 Fernwood Ave	Camp Hill	17011	PA
Dr. Frederick Minium	1509 Cedar Cliff Drive	Camp Hill	17011	PA
DriveKore	101 Wesley Drive	Mechanicsburg	17055	PA
E.M. Wagman, OD	1140 Carlisle Rd	Camp Hill	17011	PA
Earth Engineering, Inc	5010 Ritter Rd	Mechanicsburg	17055	PA
Eastern Consolidation & Dist.	405 Sterling St	Camp Hill	17011	PA
EB Games	3656 Capital City Mall Drive	Camp Hill	17011-7003	PA

Eberly's Mill Church of God	115 Creek Rd	Camp Hill	17011	PA
Edible Arrangements	3401 Hartzdale Drive	Camp Hill	17011	PA
Edu-Care Services	3401 Hartzdale Drive	Camp Hill	17011	PA
El Sol	3401 Hartzdale Drive	Camp Hill	17011	PA
Elderly Day Activities	3401 Hartzdale Drive	Camp Hill	17011	PA
Emery Transmission	1599 Hummel Ave	Camp Hill	17011	PA
Enterprise Rent-A-Car	3401 Hartzdale Drive	Camp Hill	17011	PA
Envirodyne Systems, Inc.	75 Zimmerman Drive	Camp Hill	17011	PA
Erie Insurance	4901 Louise Drive	Mechanicsburg	17055	PA
Excitement Video	3401 Hartzdale Drive	Camp Hill	17011	PA
Express Dual Gender	3579 Capital City Mall Drive	Camp Hill	17011-7003	PA
Family Eye Care	3623 Gettysburg Rd	Camp Hill	17011	PA
Farr Family Heat Tech	3537 Hartzdale Drive	Camp Hill	17011	PA
Farr Family Tire	3537 Hartzdale Drive	Camp Hill	17011	PA
Farr Family Tires	3537C Hartzdale Drive	Camp Hill	17011	PA
Federal Aviation Administratio	3905 Hartzdale Drive	Camp Hill	17011	PA
Federal Mediation & Conciliatic	4999 Louise Drive	Mechanicsburg	17055	PA
Fernwood Office Management	1104 Fernwood Ave	Camp Hill	17011	PA
Finish Line	3518 Capital City Mall Drive	Camp Hill	17011-7003	PA
First Choice Hairstyling	2022 State Rd	Camp Hill	17011	PA
Flamers	3636 Capital City Mall Drive	Camp Hill	17011-7003	PA
Fleet Operation	1304 Slate Hill Rd	Camp Hill	17011	PA
Flinchy's	1833 Hummel Ave	Camp Hill	17011	PA
FMC BioPolymer	4500 Westport Drive	Mechanicsburg	17055	PA
Footlocker	3567 Capital City Mall Drive	Camp Hill	17011-7003	PA
Forever 21	3453 Capital City Mall Drive	Camp Hill	17011-7003	PA
Freedom Wireless	3493 Capital City Mall Drive	Camp Hill	17011-7003	PA
FYE	3581 Capital City Mall Drive	Camp Hill	17011-7003	PA
Gallary Card & Gift	3531 Capital City Mall Drive	Camp Hill	17011-7003	PA
Game Stop	3547 Capital City Mall Drive	Camp Hill	17011-7003	PA
Gap/Gap Kids	3526 Capital City Mall Drive	Camp Hill	17011-7003	PA
Garden Club Federation of PA	1525 Cedar Cliff Drive	Camp Hill	17011	PA
Garfield's	3524 Capital City Mall Drive	Camp Hill	17011-7003	PA
General Hydraulics	2117 Orchard Rd	Camp Hill	17011	PA
GEO Services	1525 Cedar Cliff Drive	Camp Hill	17011	PA
George's Cleaners	1104 Carlisle Rd	Camp Hill	17011	PA
George's Cleaners	4201 Gettysburg Rd	Camp Hill	17011	PA
Gertrude Hawk Chocolates	3563 Capital City Mall Drive	Camp Hill	17011-7003	PA
Gibson-Thomas Eng. Co. Inc.	3552 Gettysburg Rd	Camp Hill	17011	PA
Gift & Associates	1205 Manor Drive	Mechanicsburg	17055	PA
Gish's Furniture	3424 Simpson Ferry Rd	Camp Hill	17011	PA
Glass Gallery	3506 Capital City Mall Drive	Camp Hill	17011-7003	PA
Global Supply Chain	2850 Appleton St	Camp Hill	17011	PA
GNC	3566 Capital City Mall Drive	Camp Hill	17011-7003	PA
GO Games	3506 Capital City Mall Drive	Camp Hill	17011-7003	PA
God's Missionary Church	3807 Rosemont Ave	Camp Hill	17011	PA
Goddard School	5049 Ritter Rd	Mechanicsburg	17055	PA

Gold's Gym	3401 Hartzdale Drive	Camp Hill	17011	PA
Goodall Pools	3501 Simpson Ferry Rd	Camp Hill	17011	PA
Gordon's Jewelers	3551 Capital City Mall Drive	Camp Hill	17011-7003	PA
GoWags Baseball	2015 State Rd	Camp Hill	17011	PA
Grace Evangelical Lutheran Chu	1610 Carlisle Rd	Camp Hill	17011	PA
Graystone Bank	3599 Gettysburg Rd	Camp Hill	17011	PA
Greenhorne & O'Mara, Inc.	5000 Ritter Rd	Mechanicsburg	17055	PA
Guiseppe's Brother's Pizza	301 S. 18th St	Camp Hill	17011	PA
Gulf	4840 Gettysburg Rd	Mechanicsburg	17055	PA
Gulf	3635 Simpson Ferry Rd	Camp Hill	17011	PA
Gullifty's	1104 Carlisle Rd	Camp Hill	17011	PA
Gymboree	3565 Capital City Mall Drive	Camp Hill	17011-7003	PA
H & H Sales Associates	4510 Westport Drive	Mechanicsburg	17055	PA
H. Douglas Cluck	1106 Carlisle Rd	Camp Hill	17011	PA
Hallmark Gold Crown/House of	3583 Capital City Mall Drive	Camp Hill	17011-7003	PA
Hampton Inn	4950 Ritter Rd	Mechanicsburg	17055	PA
Happy Nails	3401 Hartzdale Drive	Camp Hill	17011	PA
Happy Tails				
Harris TV & Applicances	3536/3538 Gettysburg Rd	Camp Hill	17011	PA
Harrisburg Korean Presbyterian	1127 Slate Hill Rd	Camp Hill	17011	PA
Harrisburg Office Furniture	3300 Hartzdale Drive	Camp Hill	17011	PA
HARSCO Corporation	4718 Gettysburg Rd	Mechanicsburg	17055	PA
Hartman & Associates	2101 Orchard Rd	Camp Hill	17011	PA
Hat World	3553 Capital City Mall Drive	Camp Hill	17011-7003	PA
HealthSouth Rehab	175 Lancaster Blvd	Mechanicsburg	17055	PA
Hempt Brothers	205 Creek Rd	Camp Hill	17011	PA
Henderson & Co Jewelers	5202 Simpson Ferry Rd	Mechanicsburg	17050	PA
Herr Foods, Inc.	25 Utley Drive	Camp Hill	17011	PA
Highland Elementary School	1325 Carlisle Rd	Camp Hill	17011	PA
Highland Gardens	423 S. 18th St	Camp Hill	17011	PA
Holiday Hair	3592 Capital City Mall Drive	Camp Hill	17011-7003	PA
Hollister	3545 Capital City Mall Drive	Camp Hill	17011-7003	PA
Homewood Suites	5001 Ritter Rd	Mechanicsburg	17055	PA
Hot Topic	3555 Capital City Mall Drive	Camp Hill	17011-7003	PA
Humana Marketpoint, Inc.	5000 Ritter Rd	Mechanicsburg	17055	PA
Hunan Express	1010 Wesley Drive	Mechanicsburg	17055	PA
Hydraulic & Chroming	2009 State Rd	Camp Hill	17011	PA
Institute of Real Estate Studies	1521 Cedar Cliff Drive	Camp Hill	17011	PA
Insurance Alliance of Central P/	75 Utley Drive	Camp Hill	17011	PA
Interstate Towing & Recovery	Rt 15 & St. John's Rd	Camp Hill	17011	PA
Isaac's Deli, Inc.	4940 Ritter Rd	Mechanicsburg	17055	PA
ISI Financial	1513 Cedar Cliff Drive	Camp Hill	17011	PA
J & J Service	3537 Hartzdale Drive	Camp Hill	17011	PA
J. Michael Brill & Associates, In	5053 Ritter Rd	Mechanicsburg	17055	PA
Jackson's	1121 Slate Hill Rd	Camp Hill	17011	PA
JC Penney	3501 Capital City Mall Drive	Camp Hill	17011-7003	PA
Jenny's	4500 Gettysburg Rd	Mechanicsburg	17055	PA

Jim Browand Auto Body Shop	1121 Slate Hill Rd	Camp Hill	17011	PA
Jones Daly Coldren Assoc.	25 West Shore Drive	Camp Hill	17011	PA
Journey's	3539 Capital City Mall Drive	Camp Hill	17011-7003	PA
Justice	3516 Capital City Mall Drive	Camp Hill	17011-7003	PA
Justice Eakin of PA Supreme Cc	4720 Gettysburg Rd	Mechanicsburg	17055	PA
K & G Distribution	3801 Rosemont Ave	Camp Hill	17011	PA
Kathie's Christmas	3309 Hartzdale Drive	Camp Hill	17011	PA
Kay Jewelers	3538 Capital City Mall Drive	Camp Hill	17011-7003	PA
KCI Technologies Inc.	5001 Louise Drive	Mechanicsburg	17055	PA
Keiser's Service Center	2401 Gettysburg Rd	Camp Hill	17011	PA
Kemper National Insurance	5001 Louise Drive	Mechanicsburg	17055	PA
Keystone Oil Products	1600 Hummel Ave	Camp Hill	17011	PA
Keystone Rail Equipment	3420 Gettysburg Rd	Camp Hill	17011	PA
Keystone Super Service	4195 Gettysburg Rd	Camp Hill	17011	PA
Kilgore Signs	4501 Gettysburg Rd	Mechanicsburg	17055	PA
Kilmore Eye Associates	890 Century Drive	Mechanicsburg	17055	PA
Kitchen Collection	3587 Capital City Mall Drive	Camp Hill	17011-7003	PA
Kohl Building Products	860 Wesley Drive	Mechanicsburg	17055	PA
Kollas & Kennedy, Attys.	1104 Fernwood Ave	Camp Hill	17011	PA
Kranzel's Hobbies	2202 A Gettysburg Rd	Camp Hill	17011	PA
Kreamer Brother's Glass	1714 Hummel Ave	Camp Hill	17011	PA
L.B. Smith, Inc.	2001 State Rd	Camp Hill	17011	PA
LA Nails	3504 Capital City Mall Drive	Camp Hill	17011-7003	PA
LAM Systems	4700 Westport Drive	Mechanicsburg	17055	PA
Lane Enterprise Inc.	3905 Hartzdale Drive	Camp Hill	17011	PA
Larson Lightning Protection	2405 Gettysburg Rd	Camp Hill	17011	PA
Law Office of Shumaker & Willi	3425 Simpson Ferry Rd	Camp Hill	17011	PA
Leggetts, Inc.	1989 Hummel Ave	Camp Hill	17011	PA
LeTort	3130 Morningside Drive	Camp Hill	17011	PA
Lewis B. Buchanan, Inc.	2511 Gettysburg Rd	Camp Hill	17011	PA
Liberty Forge Golf Course Mini	3804 Lisburn Rd	Mechanicsburg	17055	PA
Liberty Mutual	5000 Ritter Rd	Mechanicsburg	17055	PA
Liberty Mutual Insurance Co.	5021 Louise Drive	Mechanicsburg	17055	PA
Lifecare Hospital of Mechanics	4950 Wilson Ln	Mechanicsburg	17055	PA
Linlo Properties III, LP	1215 Manor Drive	Mechanicsburg	17055	PA
Lisburn Church of God	1621 Main St	Mechanicsburg	17055	PA
Littman Jewelers	3541 Capital City Mall Drive	Camp Hill	17011-7003	PA
LKGC, Inc	3425 Simpson Ferry Rd	Camp Hill	17011	PA
Lower Allen Elementary School	4100 Gettysburg Rd	Camp Hill	17011	PA
Lower Allen Veterinarian Clinic	943 Kranzel Drive	Camp Hill	17011	PA
Lower Allen VFW Post 7530	4545 Westport Drive	Mechanicsburg	17055	PA
Lynda.com	4909 Louise Drive	Mechanicsburg	17055	PA
Macy's	3550 Capital City Mall Drive	Camp Hill	17011-7003	PA
Madeira Chiropractic	2507 Gettysburg Rd	Camp Hill	17011	PA
Madison at Society Hill	2902 Chesterbrook Ct	Camp Hill	17011	PA
Maggie Adams, Ltd.	3605 Gettysburg Rd	Camp Hill	17011	PA
Maid to Perfection	2929 Gettysburg Rd	Camp Hill	17011	PA

Mallard Run Apartments	820 Lisburn Rd	Camp Hill	17011	PA
Management Office	3506 Capital City Mall Drive	Camp Hill	17011-7003	PA
Masala Bistro	3401 Hartzdale Drive	Camp Hill	17011	PA
Massage Therapy Associates	2507 Gettysburg Rd	Camp Hill	17011	PA
Matty's Kitchen, Inc.	4916 Louise Drive	Mechanicsburg	17055	PA
McDonalds	1100 Carlisle Rd	Camp Hill	17011	PA
McDonalds	1014 Wesley Drive	Mechanicsburg	17055	PA
Mechanicsburg Diner	4729 Gettysburg Rd	Mechanicsburg	17055	PA
Medco Health Soulutions, Inc.	5010 Ritter Rd	Mechanicsburg	17055	PA
Meiyu Automation	4940 Ritter Rd	Mechanicsburg	17055	PA
Members First Credit Union	5000 Louise Drive	Mechanicsburg	17055	PA
Meridian West Shore				
Metro Bank	5032 Simpson Ferry Rd	Mechanicsburg	17050	PA
Metro Bank	112	Camp Hill	17011	PA
Michael L. Bangs, Attorney	302 S. 18th St	Camp Hill	17011	PA
Michael's	3415 Simpson Ferry Rd	Camp Hill	17011	PA
Middle Dist. Inspection Agency	3901 Hartzdale Drive	Camp Hill	17011	PA
Miller & Miller Insurance Agen	2929 Gettysburg Rd	Camp Hill	17011	PA
Mineral Makeup	3506 Capital City Mall Drive	Camp Hill	17011-7003	PA
Moe's Bar & Grill	4709 Gettysburg Rd	Mechanicsburg	17055	PA
Monarch	5069 Ritter Rd	Mechanicsburg	17055	PA
Moneyline Lending	3401 Hartzdale Drive	Camp Hill	17011	PA
Monkey Joe's	3608 Hartzdale Drive	Camp Hill	17011	PA
Motel Sleepers, Inc.	5022 Arthur Drive	Mechanicsburg	17055	PA
Motherhood Maternity	3523 Capital City Mall Drive	Camp Hill	17011-7003	PA
Mount Olivet United Methodis	5000 Simpson Ferry Rd	Mechanicsburg	17050	PA
Mullin & Lonergan Assoc.	3909 Hartzdale Drive	Camp Hill	17011	PA
Neato Burrito	5238 Simpson Ferry Rd	Mechanicsburg	17050	PA
Neurological Surgery, Ltd.	920 Century Drive	Mechanicsburg	17055	PA
New China Restaurant	1104 Carlisle Rd	Camp Hill	17011	PA
New England Motor Freight	2800 Appleton St	Camp Hill	17011	PA
New York & Company	3975 Capital City Mall Drive	Camp Hill	17011-7003	PA
New York & Company	3521 Capital City Mall Drive	Camp Hill	17011-7003	PA
Nikoli's Pizza	3904 Gettysburg Rd	Camp Hill	17011	PA
Nissley Winery	3993 Capital City Mall Drive	Camp Hill	17011-7003	PA
Northwest Consumer Discount	3401 Hartzdale Drive	Camp Hill	17011	PA
O.L. Jacobs' & Son	1131 Primrose Ave	Camp Hill	17011	PA
Oak Wood Center	880 Century Drive	Mechanicsburg	17055	PA
Occupant	702 Lisburn Rd	Camp Hill	17011	PA
Office of Chief Counsel	55 Utley Drive	Camp Hill	17011	PA
Office of Helen P O'Planick	2220 Gettysburg Rd	Camp Hill	17011	PA
Office of Law Examiners	5035 Ritter Rd	Mechanicsburg	17055	PA
Office of Victim Services	50 Utley Drive	Camp Hill	17011	PA
Old Navy	3503 Capital City Mall Drive	Camp Hill	17011-7003	PA
OMNI Interactive Systems	2415 Gettysburg Rd	Camp Hill	17011	PA
Orchard Apartments	2204 Cedar Run Drive	Camp Hill	17011	PA
Orth-Rodgers & Associates	4999 Louise Drive	Mechanicsburg	17055	PA

Out Tech	3607 Rosemont Ave	Camp Hill	17011	PA
Oxford Manor Apartments	5349 Oxford Drive	Mechanicsburg	17055	PA
P N C Bank, N A	5288 Simpson Ferry Rd	Mechanicsburg	17050	PA
PA American Water Company	852 Wesley Drive	Mechanicsburg	17055	PA
PA Assoc.of Retired School Edu	878 Century Drive	Mechanicsburg	17055	PA
PA Center Co.	3425 Simpson Ferry Rd	Camp Hill	17011	PA
PA Dept. of Corrections, Annex	75 Utley Drive	Camp Hill	17011	PA
PA Motor Truck Association	910 Linda Ln	Camp Hill	17011	PA
PA Pipe	1250 St. John's Rd	Camp Hill	17011	PA
Pacific Sunwear	3535 Capital City Mall Drive	Camp Hill	17011-7003	PA
Padden, Guerrini & Assoc. CPA	3425 Simpson Ferry Rd	Camp Hill	17011	PA
Panda	3644 Capital City Mall Drive	Camp Hill	17011-7003	PA
Papa John's Pizza	1010 Wesley Drive	Mechanicsburg	17055	PA
Parsons	4999 Louise Drive	Mechanicsburg	17055	PA
Passiton	2202C Gettysburg Rd	Camp Hill	17011	PA
Pavex, Inc.	4400 Gettysburg Rd	Camp Hill	17011	PA
PAWA	4601 Gettysburg Rd	Mechanicsburg	17055	PA
Payless Shoe Source	3585 Capital City Mall Drive	Camp Hill	17011-7003	PA
Paytime, Harrisburg, Inc.	5070B Ritter Rd	Mechanicsburg	17055	PA
Pearl Vision	3593 Capital City Mall Drive	Camp Hill	17011-7003	PA
Peppermill Restaurant	1010 Wesley Drive	Mechanicsburg	17055	PA
Performance Pathways, Inc.	5010 Ritter Rd	Mechanicsburg	17055	PA
Perfume Gallery	3506 Capital City Mall Drive	Camp Hill	17011-7003	PA
Petroleum Auto & Tire Center	1599 Hummel Ave	Camp Hill	17011	PA
PFA Professional Group	704 Lisburn Rd	Camp Hill	17011	PA
PHEAA	4600 Westport Drive	Mechanicsburg	17055	PA
Piercing Pagoda	3495 Capital City Mall Drive	Camp Hill	17011-7003	PA
Pinnacle Health Family Care	910 Century Drive	Mechanicsburg	17055	PA
Pinnacle Health Neurological S	920 Century Drive	Mechanicsburg	17055	PA
Pizza Grille	3817 Gettysburg Rd	Camp Hill	17011	PA
Pizza Hut	3300 Hartzdale Drive	Camp Hill	17011	PA
Pizza Town	5228 Simpson Ferry Rd	Mechanicsburg	17050	PA
PNC Bank, N A	1104 Carlisle Rd	Camp Hill	17011	PA
Precision Medical Devices, Inc	5020 Ritter Rd	Mechanicsburg	17055	PA
Prelude System Training Cente	3907 Hartzdale Drive	Camp Hill	17011	PA
Prelude Systems	3911 Hartzdale Drive	Camp Hill	17011	PA
Premeire Eye Care	1524 Cedar Cliff Drive	Camp Hill	17011	PA
Presence	3580 Gettysburg Rd	Camp Hill	17011	PA
Prevail Salon	1 Commercial Drive	Camp Hill	17011	PA
Print-O-Stat, Inc	5040 Louise Drive	Mechanicsburg	17055	PA
Professional Insurance Agents	5050 Ritter Rd	Mechanicsburg	17055	PA
Progressive Insurance	3950 Hartzdale Drive	Camp Hill	17011	PA
Prologis	2400 Gettysburg Rd	Camp Hill	17011	PA
Prosthetic Care	940 Century Drive	Mechanicsburg	17055	PA
QFS Factory Outlet	2407 Gettysburg Rd	Camp Hill	17011-7306	PA
QS/1 Data Systems	930 Century Drive	Mechanicsburg	17055	PA
Quality Copiers	75 Utley Dr	Camp Hill	17011	

Quality Copiers				
QualVantage	1525 Cedar Cliff Drive	Camp Hill	17011	PA
Quest Diagnostics	3401 Hartzdale Drive	Camp Hill	17011	PA
Quick Delivery	2240-B Gettysburg Rd	Camp Hill	17011	PA
Radio Shack	3590 Capital City Mall Drive	Camp Hill	17011-7003	PA
Rainbow Nails	1010 Wesley Drive	Mechanicburg	17011	PA
Ram Motors	2850 Appleton St	Camp Hill	17011	PA
Red Wing Shoes	2224 Gettysburg Rd	Camp Hill	17011	PA
Reed Minerals	5040 Louise Drive	Mechanicsburg	17055	PA
Reflections Hair Design	3885 Rosemont Ave	Camp Hill	17011	PA
Regis Hairstylists	3591 Capital City Mall Drive	Camp Hill	17011-7003	PA
Remington Lamps	2500 Gettysburg Rd	Camp Hill	17011	PA
Representative Sheryl Delozier	2929 Gettysburg Rd	Camp Hill	17011	PA
Ressler's Bagel & Deli	5284 Simpson Ferry Rd	Mechanicsburg	17050	PA
RF Fager. Inc.	2058 State Rd	Camp Hill	17011	PA
Rita's Italian Water Ice	5204 Simpson Ferry Rd	Mechanicsburg	17050	PA
Rite Aid	5280 Simpson Ferry Rd	Mechanicsburg	17050	PA
Rite Aid Print Shop	2310 Gettysburg Rd	Camp Hill	17011	PA
Rite Aid Service Support Cente	5280 Simpson Ferry Rd	Mechanicsburg	17055	PA
Riverview Heights Apartments	1104 Fernwood Ave	Camp Hill	17011	PA
Robert Half International, Inc.	4999 Louise Drive	Mechanicsburg	17055	PA
Roland Builders	1706 Liberty Cove	Mechanicsburg	17055	PA
Rolling Green Cemetary	1811 Carlisle Rd	Camp Hill	17011	PA
Ronald Leik, CPA	1517 Cedar Cliff Drive	Camp Hill	17011	PA
Rosewein Reality, Inc.	702 Lisburn Rd	Camp Hill	17011	PA
Rossmoyne Elementary School	1225 Rossmoyne Rd	Mechanicsburg	17055	PA
Royer's & Stephenson's Flower	3015 Gettysburg Rd	Camp Hill	17011	PA
Salad Works	3645 Capital City Mall Drive	Camp Hill	17011-7003	PA
Sally Rooney, MS	4930 Ritter Rd	Mechanicsburg	17055	PA
SAMTEC, Inc.	4930 Ritter Rd	Mechanicsburg	17055	PA
Sarago Brothers Pizza	1308 Slate Hill Rd	Camp Hill	17011	PA
Sbarro	3620 Capital City Mall Drive	Camp Hill	17011-7003	PA
Sears	3595 Capital City Mall Drive	Camp Hill	17011-7003	PA
SECCO	1111 Primrose Ave	Camp Hill	17011	PA
Select Capital Corporation	4718 Gettysburg Rd	Mechanicsburg	17055	PA
Select Comfort	3559 Capital City Mall Drive	Camp Hill	17011-7003	PA
Select Medical Corporation	4716 Gettysburg Rd	Mechanicsburg	17055	PA
Servant's Heart	3825 Hartzdale Drive	Camp Hill	17011	PA
Shear Magic	2214 Gettysburg Rd	Camp Hill	17011	PA
Sherwin-Williams Company	5258 Simpson Ferry Rd	Mechanicsburg	17050	PA
Shumaker Williams	3425 Simpson Ferry Rd	Camp Hill	17011	PA
Sidoti's Italian Grille	1055 Carlisle Rd	Camp Hill	17011	PA
Sieber Eye Associates	3623 Gettysburg Rd	Camp Hill	17011	PA
Sign-a-Rama	3300 Simpson Ferry Rd	Camp Hill	17011	PA
Signs by Tommorrow	3401 Hartzdale Drive	Camp Hill	17011	PA
Simplex Grinnell	4700 Westport Drive	Mechanicsburg	17055	PA
Slate Hill Mennonite Church	1352 Slate Hill Rd	Camp Hill	17011	PA

Smilecrafters Orthodontics	1106 Carlisle Rd	Camp Hill	17011	PA
Smoker's Express	5236 Simpson Ferry Rd	Mechanicsburg	17050	PA
Smoothie Joe's Juice and Java	5258 Simpson Ferry Rd	Mechanicsburg	17050	PA
Snoke Family Practice	1800 Carlisle Rd	Camp Hill	17011	PA
Sonny Nail	1104 Carlisle Rd	Camp Hill	17011	PA
Sovereign Bank	3556 Gettysburg Rd	Camp Hill	17011	PA
Space Mart	4715 Westport Drive	Mechanicsburg	17055	PA
Sparkle Car Wash	3 S. 40th St	Camp Hill	17011	PA
Specialty Cakes by Bob Miller	5246 Simpson Ferry Rd	Mechanicsburg	17050	PA
Spencers	3570 Capital City Mall Drive	Camp Hill	17011-7003	PA
Sprint	3604 Capital City Mall Drive	Camp Hill	17011-7003	PA
St. John's Chiropractic	304 St. John's Rd	Camp Hill	17011	PA
Stackpole Books	5067 Ritter Rd	Mechanicsburg	17055	PA
Starbuck's	3981 Capital City Mall Drive	Camp Hill	17011-7003	PA
State Auto Insurance Compani	4900 Ritter Rd	Mechanicsburg	17055	PA
State Correctional Institute of (	2500 Lisburn Rd	Camp Hill	17011	PA
Sterling Optical	3648 Capital City Mall Drive	Camp Hill	17011-7003	PA
Steven M. Zeigler, CPA, PC	4909 Lousie Drive	Mechanicsburg	17055	PA
Stock Building Supply	2035 State Rd	Camp Hill	17011	PA
Strawberry	3527 Capital City Mall Drive	Camp Hill	17011-7003	PA
Stroehman's Bakery Outlet	2214 Gettysburg Rd	Camp Hill	17011	PA
Subway	3608 Capital City Mall Drive	Camp Hill	17011-7003	PA
Subway	1104 Carlisle Rd	Camp Hill	17011	PA
Subway	1010 Wesley Drive	Mechanicsburg	17055	PA
Subway	4910 Louise Drive	Mechanicsburg	17055	PA
Summit Family Restaurant	2210 Gettysburg Rd	Camp Hill	17011	PA
Sun-up Exxon	2205 Gettysburg Rd	Camp Hill	17011	PA
Sunglass Hut	3600 Capital City Mall Drive	Camp Hill	17011-7003	PA
Sunset Tees	2236 Gettysburg Rd	Camp Hill	17011	PA
Supply Source	2400 Gettysburg Rd	Camp Hill	17011	PA
Supreme Court of PA CLE Boar	5035 Ritter Rd	Mechanicsburg	17055	PA
Susquehanna Financial Service	4999 Louise Drive	Mechanicsburg	17011	PA
Susquehanna Valley Credit Uni	3850 Hartzdale Drive	Camp Hill	17011	PA
Sylvan Learning Center	3401 Hartzdale Drive	Camp Hill	17011	PA
T-Mobile	3628 Capital City Mall Drive	Camp Hill	17011-7003	PA
Taco Bell/KFC	3632 Capital City Mall Drive	Camp Hill	17011-7003	PA
Taylor Wharton	4718 Gettysburg Rd	Mechanicsburg	17055	PA
Terminix	5040 Louise Drive	Mechanicsburg	17055	PA
Texaco Food Mart	1500 Cedar Cliff Drive	Camp Hill	17011	PA
Texas Roadhouse	1101 Lower Allen Drive	Camp Hill	17011	PA
Thai Caf	5202-112 Simpson Ferry Rd	Mechanicsburg	17050	PA
The Auto Connection	5200 Simpson Ferry Rd	Mechanicsburg	17050	PA
The Bon-Ton	3525 Gettysburg Rd	Camp Hill	17011	PA
The Children's Place	3578 Capital City Mall Drive	Camp Hill	17011-7003	PA
The Ellis Group LLC.	900 Century Drive	Mechanicsburg	17055	PA
The Limited	3517 Capital City Mall Drive	Camp Hill	17011-7003	PA
The Picture People	3577 Capital City Mall Drive	Camp Hill	17011-7003	PA

The Plum	3801 Gettysburg Rd	Camp Hill	17011	PA
The Restaurant Store	3435 Simpson Ferry Rd	Camp Hill	17011	PA
The Shoe Department	3589 Capital City Mall Drive	Camp Hill	17011-7003	PA
The Woods At Cedar Run	824 Lisburn Rd	Camp Hill	17011	PA
Theo's Bar and Grille	3315 Hartzdale Drive	Camp Hill	17011	PA
Things Remembered	3499 Capital City Mall Drive	Camp Hill	17011-7003	PA
Thomas E. Brown Auto Body Sh	5030 Authur Ave	Mechanicsburg	17055	PA
Thomas Somerville Co.	1401 Slate Hill Rd	Camp Hill	17011	PA
Timothy's - A Hair Salon	3605 Gettysburg Rd	Camp Hill	17011	PA
Today's Home and Leisure	5202 Simpson Ferry Rd	Mechanicsburg	17050	PA
Tokyo Diner	5202 Simpson Ferry Rd	Mechanicsburg	17050	PA
Toppers Hair Design	3702 Hartzdale Drive	Camp Hill	17011	PA
Total Vision Care	3401 Hartzdale Drive	Camp Hill	17011	PA
Tranquility Sensations, Nails an	3300 Hartzdale Drive	Camp Hill	17011	PA
Trans-America Printing	3544 Gettysburg Rd	Camp Hill	17011	PA
Tressler Lutheran Services	960 Century Drive	Mechanicsburg	17055	PA
Triangle Car Wash	2232 Gettysburg Rd	Camp Hill	17011	PA
Trinity High School	3601 Simpson Ferry Rd	Camp Hill	17011	PA
Trinity Spiritual Center	3601 Simpson Ferry Rd	Camp Hill	17011	PA
Triple Crown Corporation	100 Georgetown Rd	Mechanicsburg	17055	PA
Trix of the Trade	3540 Gettysburg Rd	Camp Hill	17011	PA
TSR	4900 Ritter Rd	Mechanicsburg	17055	PA
TSR	2005 Hummel Ave	Camp Hill	17011	PA
Turkey Hill Minit Market	5150 Simpson Ferry Rd	Mechanicsburg	17050	PA
U-Haul Rental	4725 Gettysburg Rd	Mechanicsburg	17055	PA
U.S. Customs & Border Protect	1215 Manor Drive	Mechanicsburg	17055	PA
Uber's Tire Sales & Auto Servic	1101 Carlisle Rd	Camp Hill	17011	PA
Uni-Mart Store #4274	1004 Wesley Drive	Mechanicsburg	17055	PA
Unisource	4501 Westport Drive	Mechanicsburg	17055	PA
United Cerebral Palsy	925 Linda Ln	Camp Hill	17011	PA
United Methodist Home for Ch	5120 Simpson Ferry Rd	Mechanicsburg	17050	PA
Universal Media Inc.	4999 Louise Drive	Mechanicsburg	17055	PA
US MEPS	4641 Westport Drive	Mechanicsburg	17055	PA
USA localgovinfo.com	5053 Ritter Rd	Mechanicsburg	17055	PA
Utility Services Group	1302 Slate Hill Rd	Camp Hill	17011	PA
Vanessa's, A Salon of Beauty	3617 Gettysburg Rd	Camp Hill	17011	PA
Verizon	3973 Capital City Mall Drive	Camp Hill	17011-7003	PA
Verizon	2875 Appleton St	Camp Hill	17011	PA
Vi's Nails	4914 Louise Drive	Mechanicsburg	17055	PA
Victoria's Secret	3528 Capital City Mall Drive	Camp Hill	17011-7003	PA
Village At Highland Park	1149 Columbus Ave	Lemoyne	17043	PA
VIP Fitness	5260 Simpson Ferry Rd	Mechanicsburg	17050	PA
Vitamin World	3534 Capital City Mall Drive	Camp Hill	17011-7003	PA
Waddell & Reed	4999 Louise Drive	Mechanicsburg	17055	PA
Walmart				
Ward Trucking	1115 Slate Hill Rd	Camp Hill	17011	PA
Warrell Corporation	1250 Slate Hill Rd	Camp Hill	17011	PA

Weavadou School of Dance	920 Linda Ln	Camp Hill	17011	PA
Weis Market	1195 Lowther Rd	Camp Hill	17011	PA
Weis Market	5140 Simpson Ferry Rd	Mechanicsburg	17050	PA
Wendy's Restaurant	3465 Simpson Ferry Rd	Camp Hill	17011	PA
Wesley Park Apartments	135 Wesley Drive	Mechanicsburg	17055	PA
West Shore Academy of Martia	3348 Gettysburg Rd	Camp Hill	17011	PA
West Shore Rec Board	704 Lisburn Rd	Camp Hill	17011	PA
West Shore School District	507 Fishing Creek Rd	Lewisberry	17319	PA
West Shore Tax Bureau	3607 Rosemont Ave	Camp Hill	17011	PA
Western PA School for the Dea	3820 Hartzdale Drive	Camp Hill	17011	PA
Wet Seal	3557 Capital City Mall Drive	Camp Hill	17011-7003	PA
White Barn Candle Co.	3575 Capital City Mall Drive	Camp Hill	17011-7003	PA
White Hill Caf	1712 Hummel Ave	Camp Hill	17011	PA
Wiltech Garage	1601 Main St	Mechanicsburg	17055-5944	PA
Woold/Strite Insurance	2929 Gettysburg Rd	Camp Hill	17011	PA
World Cup Ski & Cycle	4500 Gettysburg Rd	Mechanicsburg	17055	PA
Yamaha of Camp Hill	3809 Hartzdale Drive	Camp Hill	17011	PA
Yankee Candle	3562 Capital City Mall Drive	Camp Hill	17011-7003	PA
Yorktown Funding	1104 Fernwood Ave	Camp Hill	17011	PA
Yummy Japan	3612 Capital City Mall Drive	Camp Hill	17011-7003	PA

Facility Name
Capital City Mall - PR CC Limited Partnership
Capital Call Mall Drive - Macys
Camp Hill Correctional Institution
Yetter Court Enterprises LLC
Amerach LP
AMSI Investors - BJs Wholesale Club
YCH Properties LP - BJs Fueling Staion
Monkey Joe's/Camp Hill Tennis Club
Capital Plaza Associates, Inc. - Retail Shops
Wal-Mart
Theo's Restaurant
Camp Hill Partners LLC
David Becker
Batteries Plus
Highland Elementary School
William Grace
David & Stephanie Peffley
F&L Fitting Company
TSR Inc.
Flinchy's
Flinchbaugh/Bolinger Properties
Leggett Plumbing
GPS Mart Gas Station LLC
RF Fager & Company
RF Fager & Company
Smith Land Development & Improvement Corporation
Smith Land Development & Improvement Corporation
Consolidated Nutrition LLC
Highland Gardens/Guiseppe's Pizza Shop
Triangle Car Wash - Lower Allen Shopping Center
Old Gettysburg Associates
Old Gettysburg Associates
Old Gettysburg Associates
Thirteen Sac Self Storage
McDonald's Corporation
Diversified Wesley Drive LP (Retail Shops)
920 Century LP
Palumbo Real Estate
Pennsylvania American Water Company
856 Century Drive LLC

900 Century Drive
890 Century Drive
Capital Area RT Asscoiates
Pennsylvania Association of School Retirees
PA Business Center LP
Asbury Atlantic
Bethany Development Corporation
Asbury Atlantic Inc.
Asbury Atlantic Inc.
Weis Markets Inc.
Weis Markets Inc.
Turkey Hill Mini Market
Commerce Bank
PLK Real Estate LLC
West Shore Window & Door
Bridge Street Parking
Autozone
Dollar General
Thomas Brown Autobody
Etter Investments
Motel Sleepers
JMD Industries
Moe's Bar & Grill
David & Anita Reisman

Lower Allen Township MS-4 Target Audience List

Cedar Run Watershed

Owner Name	Street	City
C/O Preit-Rubin Inc.	3506 Capital CityMall Drive	Camp Hill
May Department Stores Co.	3506 Capital City Mall Drive	Camp Hill
PA Industrial School	2500 Lisburn Road	Camp Hill
	2700 Yetter Court	Camp Hill
C/O Craig Eisenbert	2800 Appleton Street	Camp Hill
C/O Ryan LLC	3805 Hartzdale Drive	Camp Hill
YCH Properties	3809 Hartzdale Drive	Camp Hill
Elizabeth Grace	3608 Hartzdale Drive	Camp Hill
Capital Plaza Associates, Inc	3401 Hartzdale Drive	Camp Hill
Wal-Mart Real Estate Business Trust	3400 Hartzdale Drive	Camp Hill
Theodore & Mosca Kalathas	3315 Hartzdale Drive	Camp Hill
	3309 Hartzdale Drive	Camp Hill
David Becker	3303 Hartzdale Drive	Camp Hill
Farrow Holdings, LLC	2501 Gettysburg Road	Camp Hill
West Shore School District	1325 Carlisle Road	Camp Hill
William Grace	1850 State Road	Camp Hill
David & Stephanie Peffley	22-26 Hummel Avenue	Camp Hill
Cora Bay Ltd. LLC	1825 Hummel Avenue	Camp Hill
Robert & Kathleen Kuhn	2005 Hummel Avenue	Camp Hill
Flinchy's Property Management, LLC	1833 Hummel Avenue	Camp Hill
Flinchbaugh/Bolinger Properties	1993 Hummel Avenue	Camp Hill
Earnst, Leggett	1989 Hummel Avenue	Camp Hill
Jagtar Singh	2205 Gettysburg Road	Camp Hill
RF Fager & Company	2051 State Road	Camp Hill
RF Fager & Company	2056 & 2058 State Road	Camp Hill
Smith Land Development & Improvement Corp.	2015-2035 State Road	Camp Hill
Smith Land Development & Improvement Corp.	2010 & 2020 State Road	Camp Hill
C/O ADM Alliance Nutrition	2000 Hummel Avenue	Camp Hill
Leonard & Margaret Sorensen	301 S. 18th St - 423 S. 18th St	Camp Hill
Thomas Ntzanis	2232 Gettysburg Road	Camp Hill
Select Capital Corporation	4732 Gettysburg Road	Camp Hill
Select Capital Corporation	4718 Gettysburg Road	Camp Hill
Select Capital Corporation	4720 Gettysburg Road	Camp Hill
	4725 Gettysburg Road	Camp Hill
Richard Woodruff II	1014 Wesley Drive	Mechanicsburg
C/O Apple Property Management	1010 Wesley Drive	Mechanicsburg
	920 Century Drive	Camp Hill
	4729 Gettysburg Road	Camp Hill
	852 Wesley Drive	Mechanicsburg
	856 Century Drive	Camp Hill

Shawn, Ellis	900 Century Drive	Camp Hill
Holly Anne, Kilmore	890 Century Drive	Camp Hill
C/O Holy Spirit Hospital	880 Century Drive	Camp Hill
	878 Century Drive	Camp Hill
	860 Wesley Drive	Camp Hill
	335 RR Wesley Drive	Camp Hill
Bethany Village	335 Wesley Drive	Mechanicsburg
Bethany Village	325 Wesley Drive	Mechanicsburg
Bethany Village	5225 Wilson Lane	Mechanicsburg
Weis Markets Inc.	5140 Simpson Ferry Road	Mechanicsburg
Weis Markets Inc.	5144 Simpson Ferry Road	Mechanicsburg
Dillon Real Estate Inc.	5150 Simpson Ferry Road	Mechanicsburg
Commerce Bank	5032 Simpson Ferry Road	Mechanicsburg
PLK Real Estate LLC	5028 Simpson Ferry Road	Mechanicsburg
William & Patricia Werzyn	5024 Simpson Ferry Road	Mechanicsburg
Bridge Street Parking LP	5016 Simpson Ferry Road	Mechanicsburg
Autozone Inc #1883	5012 Simpson Ferry Road	Mechanicsburg
Dolgencorp Inc.	5034 Hann Way	Mechanicsburg
Lance Bonsall	5030 Arthur Avenue	Mechanicsburg
Etter Investments	5035 Arthur Avenue	Mechanicsburg
Motel Sleepers Inc.	5022 Arthur Avenue	Mechanicsburg
JMD Industries	4713 Gettysburg Road	Mechanicsburg
G&L Castle Properties LLC	4709 Gettysburg Road	Mechanicsburg
David & Anita Reisman	4705 Gettysburg Road	Mechanicsburg

State	Zip	Parcel #
PA	17011	13-09-0547-006
PA	17011	13-23-0551-149
PA	17011	13-09-0547-007EX
PA	17011	13-10-0258-012
PA	17011	13-25-0020-055A
PA	17011	13-24-0799-178A
PA	17011	13-24-0799-256
PA	17011	13-24-0799-236
PA	17011	13-24-0801-009 & 13-23-0551-111C
PA	17011	13-23-0551-111
PA	17011	13-23-0551-147
PA	17011	13-23-0551-146
PA	17011	13-23-0551-145
PA	17011	13-23-0551-112
PA	17011	13-23-0545-442
PA	17011	13-22-0536-057
PA	17011	13-22-0536-038
PA	17011	13-22-0536-010B
PA	17011	13-22-0536-006
PA	17011	13-22-0536-009
PA	17011	13-22-0536-002 & 007
PA	17011	13-022-0536-008
PA	17011	13-23-0549-020B
PA	17011	13-23-0549-014
PA	17011	13-23-0549-011
PA	17011	13-23-0549-013
PA	17011	13-22-0536-055
PA	17011	13-22-0536-001
PA	17011	13-23-0547-035
PA	17011	13-23-0549-008
PA	17011	13-24-0795-168
PA	17011	13-24-0795-005A
PA	17011	13-24-0795-005B
PA	17011	13-25-0022-004
PA	17055	13-24-0795-180
PA	17055	13-24-0795-169
PA	17011	13-24-0795-173
PA	17011	13-25-0022-005
PA	17055	13-09-0545-011
PA	17011	13-24-0795-163

PA	17011	13-24-0795-176
PA	17011	13-24-0795-175
PA	17011	13-24-0795-174A
PA	17011	13-24-0795-174
PA	17011	13-24-0795-164
PA	17011	13-09-0545-005
PA	17055	13-09-0545-005A
PA	17055	13-09-0545-005B
PA	17055	13-09-0545-006
PA	17055	13-23-0559-078
PA	17055	13-23-0559-078A
PA	17055	13-23-0559-077
PA	17055	13-23-0559-080
PA	17055	13-23-0559-081
PA	17055	13-23-0559-090
PA	17055	13-23-0559-082
PA	17055	13-23-0559-086
PA	17055	13-23-0559-085
PA	17050	13-23-0559-087
PA	17050	13-23-0559-089
PA	17050	13-23-0559-088
PA	17050	13-25-0022-033
PA	17050	13-25-0022-002
PA	17050	13-25-0022-001

Lower Allen Township MS-4 Target

Contractor Name	Contact	Street
Charter Homes		1190 Dillerville Road
Firefly Homes		3335 Morgantown Road, PO Box 7
EK Services	Bill Freels	260 Old York Road
UGI Utilities		1301 Airport Drive
Musser Home Builders	Matt Musser	10 Barrens Valley Road
PA American Water Co.		852 Wesley Drive
Berks Homes		145 Limekiln Road
Triple Crown Corporation		5351 Jaycee Avenue

Audience List

City	State	Zip
Lancaster	PA	17601
Mohnton	PA	19540
New Cumberland	PA	17070
Middletown	PA	17057
Dillsburg	PA	17019
Mechanicsburg	PA	17055
New Cumberland	PA	17070
Harrisburg	PA	17112

Facility Name	Owner Name
Liberty Forge Golf Course	LFGC Inc.
Charter Homes at Highpoint	
Lisburn Community Fire Co.	
West Shore Soccer Club	
Hooper Roger & Lisa	
Ward, Larry & Jennifer	
Lesher, Ruth C/O Strong & Detweiler Partnership	
Lesher, Ruth	
Arcona Strand Partners	
PP & L	C/O PP&L EU Svc's.
Zambrano Thoms J. & Ann L.	
Carey Gary	
Naewon Limited Partnership	
Hempt Brothers Incorporated	
Christian Life Assembly of God	
Camp Hill Correctional Institution	

Lower Allen Township MS - 4 Target Audience List

Lower Yellow Breeches Watershed

Street	City	State	Zip
3804 Lisburn road	Mechanicsburg	PA	17055
1190 Dillerville Road	Lancaster	PA	17601
1800 Main St.	Mechanicsburg	PA	17055
P.O. Box 334	New Cumberland	PA	17070
1541 Thompson Lane	Mechanicsburg	PA	17055
1847 Ward Lane	Mechanicsburg	PA	17055
1340 Rossmoyne Road	Mechanicsburg	PA	17055
1340 Rossmoyne Road	Mechanicsburg	PA	17055
1190 Dillerville Road	Lancaster	PA	17601
827 Hausman Road	Allentown	PA	18104-9392
1420 Indian Lane	Mechanicsburg	PA	17055
1909 Sheepford Road	Mechanicsburg	PA	17055
Lisburn Road	Camp Hill	PA	17011
205 Creek Road	Camp Hill	PA	17011
2645 Lisburn Road	Camp Hill	PA	17011
2500 Lisburn Road	Camp Hill	PA	17011

Parcel #
13-11-0270-042
13-10-0256-092
13-31-2134-027EX
13-31-2134-026
13-27-0258-070
13-10-0258-070
13-10-0256-031
13-10-0256-011
13-10-0256-185
13-10-0256-012PU
13-10-0256-014
13-11-0270-004
13-11-0272-010
13-09-0549-005 & 13-09-0549-001
13-10-0258-015
13-09-0547-007

ATTACHMENT # 3

Website Updates – MS4 Page

Lower Allen Township

MS4 Stormwater Program

Illicit Discharge Reporting Form

Date:_____

Name:_____

Email:_____

Phone:_____

What type of incident do you wish to report? (Circle all that apply)

Dumping down a storm drain
Suspicious Discharge from a pipe into a stream
Unusual Color of Water in a Stream
Strange Smells in Stream
Suspicious Suds or other Substances Floating on Water
Death of Aquatic Creatures

Where did the incident take place?

Address (if applicable):_____
Name of Street:_____
Name of Closest Cross Street:_____
Name of Body of Water Impacted:_____

Date of Incident:_____
Time of Incident:_____

Send this form along with any additional information and photographs to:

Lower Allen Township
MS4 Coordinator, Rebecca Davis
2323 Gettysburg Road
Camp Hill, PA 17011
PH: 717-975-7575 Ext. 1010
rdavis@latwp.org

1. STORMWATER/MS4 INFORMATION

WHAT IS MS4?

MS4 stands for Municipal Separate Storm Sewer System.

The stormwater requirements of the federal Clean Water Act are administered under the Pennsylvania Department of Environmental Protection's Municipal Separate Storm Sewer (MS4) Program. In December 2002, DEP issued a General Permit ("PAG-13") for use by MS4s that fall under the National Pollutant Discharge Elimination System (NPDES) Phase II program, requiring the implementation of a stormwater management program for minimizing the impacts from runoff.

The intent of the MS4 program is to reduce pollutants into waters of the commonwealth. The program is regulated by both the Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Protection (DEP).

Federal Regulation requires a permit for our community. The Pennsylvania Department of Environmental Protection created a state permitting program to meet federal regulations.

HOW DOES THE PERMIT WORK?

Lower Allen Township acquires a National Pollutant Discharge Elimination System (NPDES) permit that covers a 5-year period. The permit requires us to measure our efforts to reduce pollutants in 6 different areas, referred to as minimum control measures (MCMs). The MCMs must be revaluated annually to determine compliance.

The 6 Minimum Control Measures are:

MCM 1 – Public Education and Outreach

MCM 2 – Public Involvement and Participation

MCM 3 – Illicit Discharge Detection and Elimination

MCM 4 – Construction Site Stormwater Runoff Control

MCM 5 – Post Construction Stormwater Management

MCM 6 – Pollution Prevention/Good Housekeeping

Each MCM has several suggested Best Management Practices (BMPs) associated with it to guide Lower Allen Township in program development, tracking, and reporting.

2. LOWER ALLEN TOWNSHIP MS4 INFORMATION

Lower Allen Township's 2018 General MS4 Permit is effective from March 16, 2018 through March 15, 2023. The Township is required to report annually to the Pennsylvania Department of Environmental Protection (PA DEP), since the entirety of the township is located within the urbanized area. The Township will monitor the Stormwater Management Program (SWMP) and update it as necessary, including the Good Housekeeping Operation & Maintenance Program targeting Minimum Control Measure (MCM) #6. As part of the Township's authorization to discharge runoff from the MS4 to surface waters of the Commonwealth, there are specific requirements that include pollution prevention and good housekeeping for municipal operations to improve water quality.

LOWER ALLEN TOWNSHIP MS4 PROGRAM NEAR TERM EFFORTS

- Complete and submit annual report
- Refine and continue implementation of the SWMP
- Increase program documentation
- Evaluate new permit requirements and prepare implementation schedule
- Implement Chesapeake Bay Pollution Reduction Plan (PRP)

LOWER ALLEN TOWNSHIP MS4 PROGRAM LONG TERM EFFORTS

- Revise and update target audience list as needed
- Step up our public involvement and participation and outreach programs
- Prepare for the changes in the new PAG-13 Permit (2018-2023)
- Put a greater emphasis on water quality

LOWER ALLEN TOWNSHIP'S POLLUTION REDUCTION PLAN (PRP)

- Lower Allen Township prepared the Pollution Reduction Plan by using Instructions from PA Department of Environmental Protection (PADEP).
- Lower Allen Township is required to reduce pollutants within the next 5-year permit term period by a 10% reduction in sediment.
- The PRP proposes to retrofit 10 Stormwater Management Basins to bioretention areas/basins in the Township to reduce pollutants to the waters of the commonwealth. Four of the areas where the basins are located are owned by Lower Allen Township. Six of the locations are privately owned and will require easements.
- The details of the retrofit projects will be determined after the PRP is approved by PADEP.

LOWER ALLEN TOWNSHIP STORMWATER MANAGEMENT ORDINANCE (LINK)

LOWER ALLEN TOWNSHIP ANNUAL PUBLIC INFORMATIONAL MEETING – 2018 POWERPONT PRESENTATION (LINK)

LOWER ALLEN TOWNSHIP MS4 ANNUAL REPORTS (LINK)

LOWER ALLEN TOWNSHIP DRAFT CHESAPEAKE BAY POLLUTION REDUCTION PLAN AND APPENDICES (LINK)

3. PUBLIC PARTICIPATION & EDUCATION

You can help in many ways! If you are interested in working with the Township to increase public awareness or get involved in one of our public participation programs (a few are outlined below), please call us at 717-975-7575 ext. 1010

- **Marking Inlets:** Marking storm drain inlets within neighborhoods and developments can create more awareness with our residents, especially children. This is particularly impactful because it is a hands-on project for those who are involved, but also one that leaves behind a visual reminder to everyone that notices the drains marked with catchy phrases like *"Only Rain Down the Drain"* or *"Drains to Stream, Keep it Clean."* This can also be effective in encouraging our residents to keep watch of what is flowing into our drains and waterways, a critical objective of our Illicit Discharge Detection & Elimination program. Additional assistance from residents can help identify pollutants early and initiate a prompt cleanup response from the Township and/or emergency responders.

- **Leaf Composting:** Lower Allen Township owns and operates equipment that is used for removing leaves and other tree debris from Township streets. A scheduled leave pick-up program is scheduled in the fall of every year. The leaves are collected and composted at the Township composting facility. The final composted material is made available to Township residents and is available for sale to commercial entities.

- **Yard Waste Drop Off:** To reduce the amount of material going to landfills, the Township actively participates in recycling as much natural material as possible. Grants obtained through PA Department of Environmental Protection allowed the Township to construct a 1.4-acre pad for the staging and processing of yard waste material. Each Township residence can drop off four truckloads of yard waste and four bulk items per year at no charge. Public Works personnel periodically grinds this pile into wood chips. The Township shares the use of recycling equipment owned by Cumberland County with several other municipalities. Finished wood chips are made available to Township residents as the material becomes available.

- **Distributing Educational Information:**

  Homeowner's Guide to Stormwater BMP Maintenance (PDF)

  Stream Maintenance Booklet (PDF)

  Stormwater Smart Video Link:

  http://files.dep.state.pa.us/Water/BPNPSM/StormwaterManagement/StormwaterSmartPADEP.mp4

  PA DEP BMP Manual (PDF)

4. ILLICIT DISCHARGES

What is an Illicit Discharge?

An illicit discharge is an unlawful act of disposing, dumping, spilling, emitting, or other discharge of any substance other than stormwater into the stormwater drainage system. The stormwater drainage system includes streets, ditches, catch basins, yard inlets, and streams.

Examples of Illicit Discharge include:

- Paint being poured into or near the storm drainage system

- Changing oil or antifreeze over or near a storm structure
- Washing vehicles where the runoff could drain into the storm drainage system
- Washing dumpster pads and allowing the runoff to drain into the storm drainage system
- Dumping grass clippings into a stormwater basin or inlet or into the street

Illicit discharges cause water pollution by sending pollutants directly into creeks, streams, ponds, and lakes. Be sure you know what illicit discharges are so you can help prevent water pollution and keep our streams clean!

Please help Lower Allen Township to prevent water pollution. Call the Township at 717-975-7575 ext. 1010 to report an illicit discharge or any type of water pollution in our streams or stormwater drainage system. You can also complete the illicit discharge reporting form below and e-mail it to Rebecca Davis, Township MS4 Coordinator, at rdavis@latwp.org.

Illicit Discharge Reporting Form – (PDF)

5. BEST MANAGEMENT PRACTICES (BMPs)

Best Management Practices include designed stormwater management systems as well as non-engineered facilities like keeping areas as open space for stormwater management.

The goal of BMPs is to reduce the impact of development and impervious cover on downstream properties, streams, and lakes by:

- Minimizing runoff
- Slowing down runoff
- Runoff Infiltration and filtering
- Evapotranspiration of runoff (Vegetation)

Some examples of BMPs include:

- Rain Gardens (Bioretention Areas)
- Infiltration Trenches
- Pervious Pavement
- Vegetated Swales

If you have a BMP on your property you are required to make sure that it is functioning properly. This includes yearly inspections and maintenance to the BMP. Typically, a maintenance agreement for the BMP is recorded and

would be discovered during the title search for your property. The Township will send yearly inspection reports for completion and return to ensure that the BMP is being maintained as required. A guide for BMP maintenance is included below as well as a BMP Reporting form.

PADEP Homeowner BMP Guide (PDF)

BMP Reporting Form (PDF)

6. RESOURCES

Pennsylvania Department of Environmental Protection – www.dep.pa.gov

Environmental Protection Agency – www.epa.gov

Penn State College of Agricultural Science – www.agrisci.psu.edu

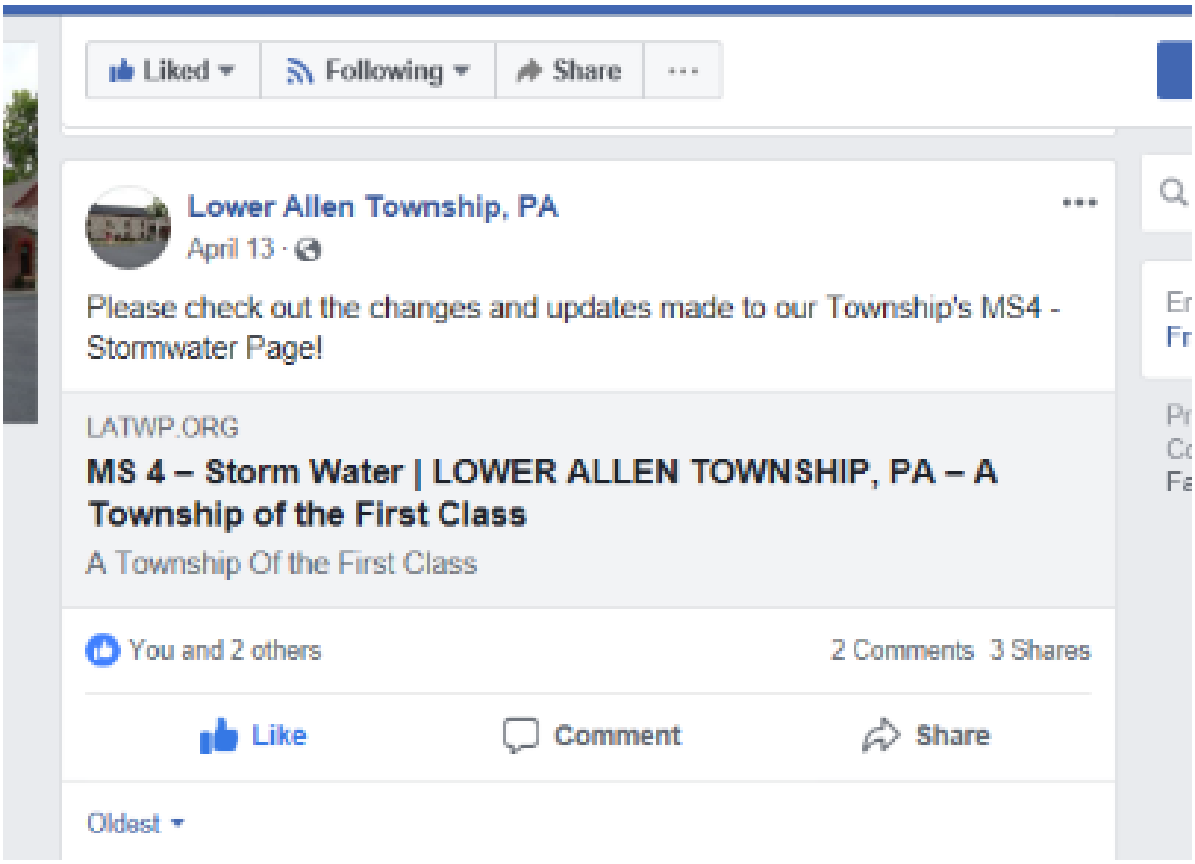
Stormwater PA MS4 Website – www.stormwaterpa.org

Cumberland County Recycling and Waste Disposal – www.ccpa.net

Alliance for the Chesapeake Bay – www.stormwater.allianceforthebay.org

Homeowner's Guide to Stormwater – www.stormwaterguide.org

Post on Township's Facebook Page on 4/13/18 – Township's MS4 Webpage updates!

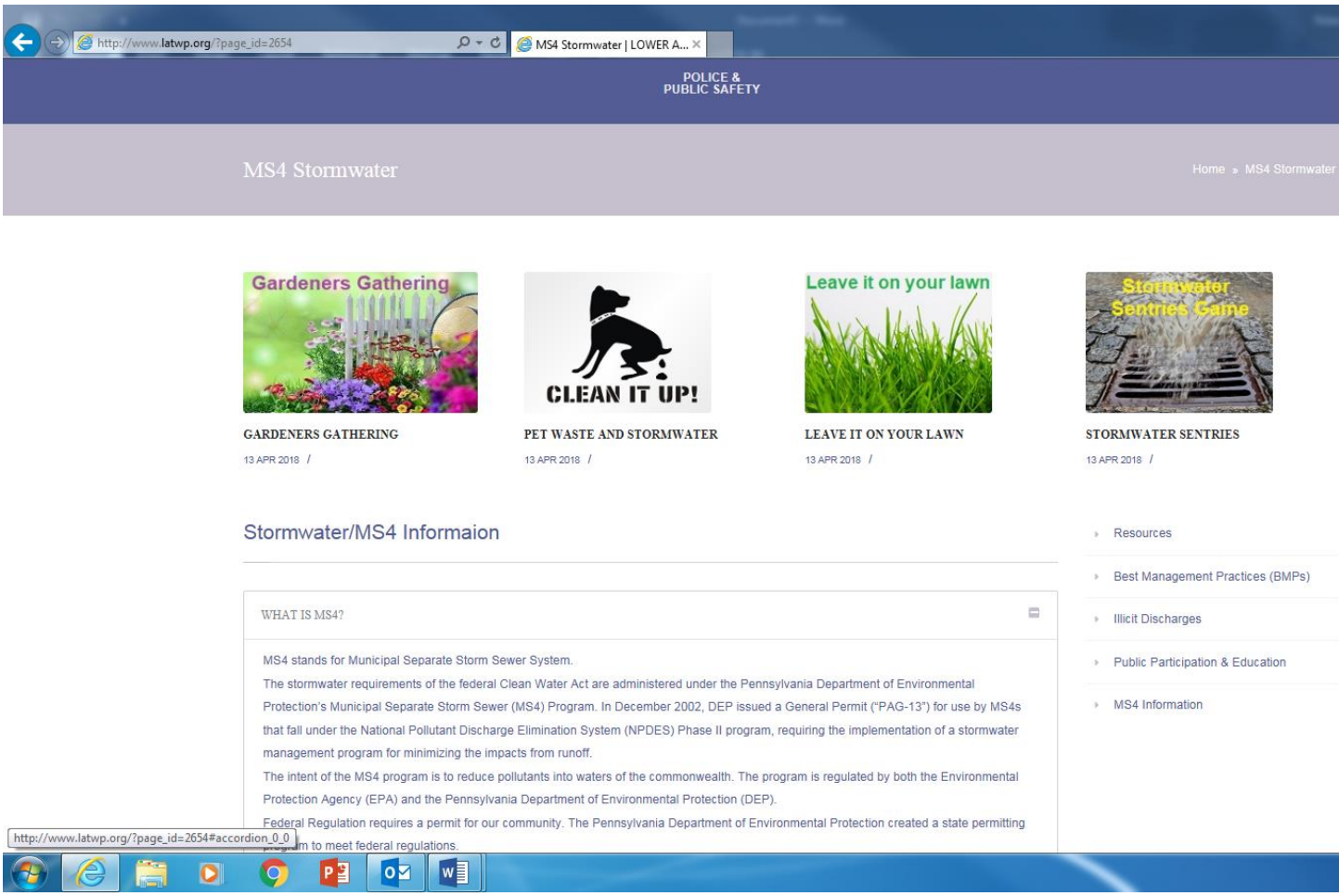


Lower Allen Township

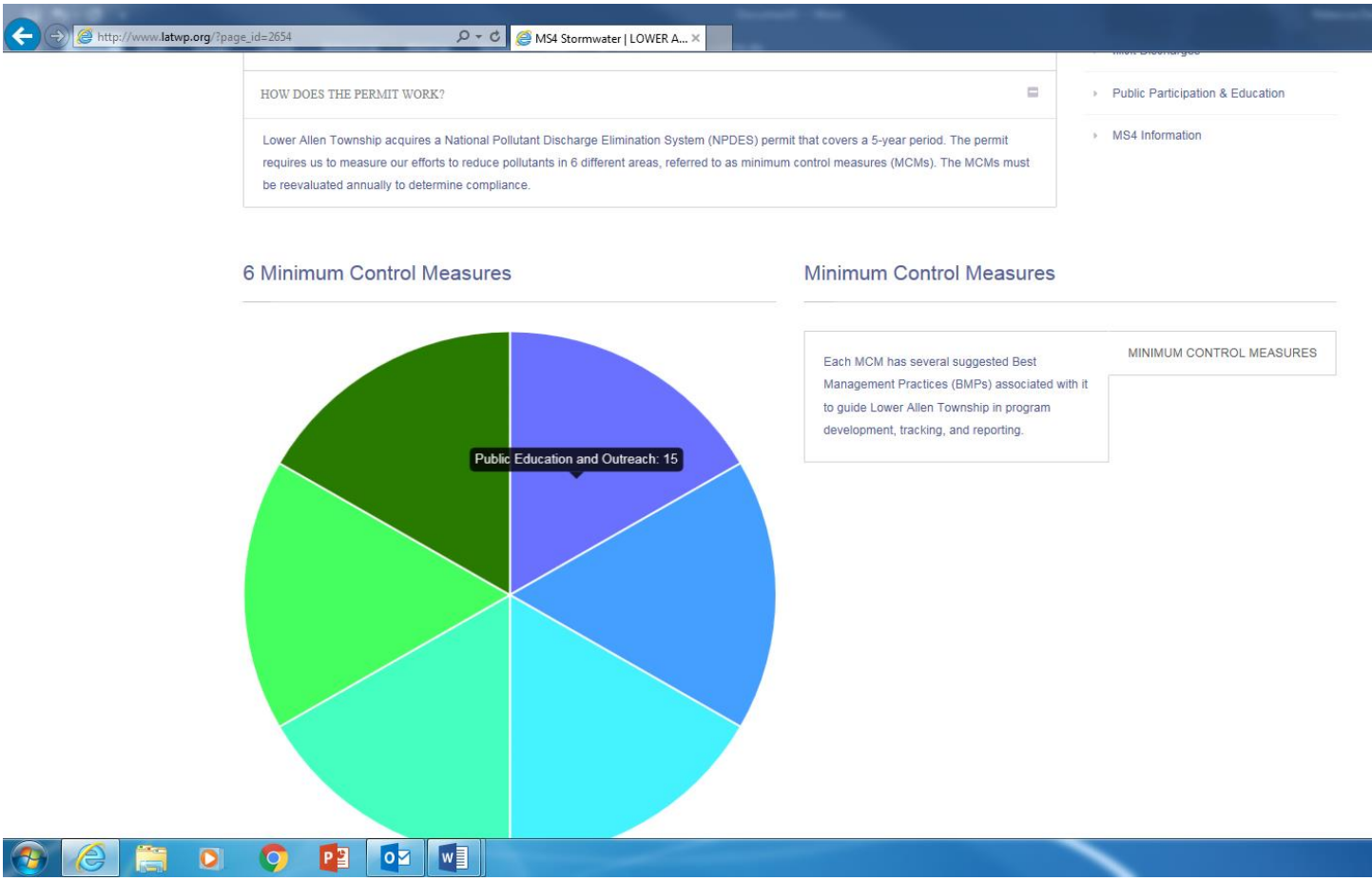
MS4 Website Update

4/2018

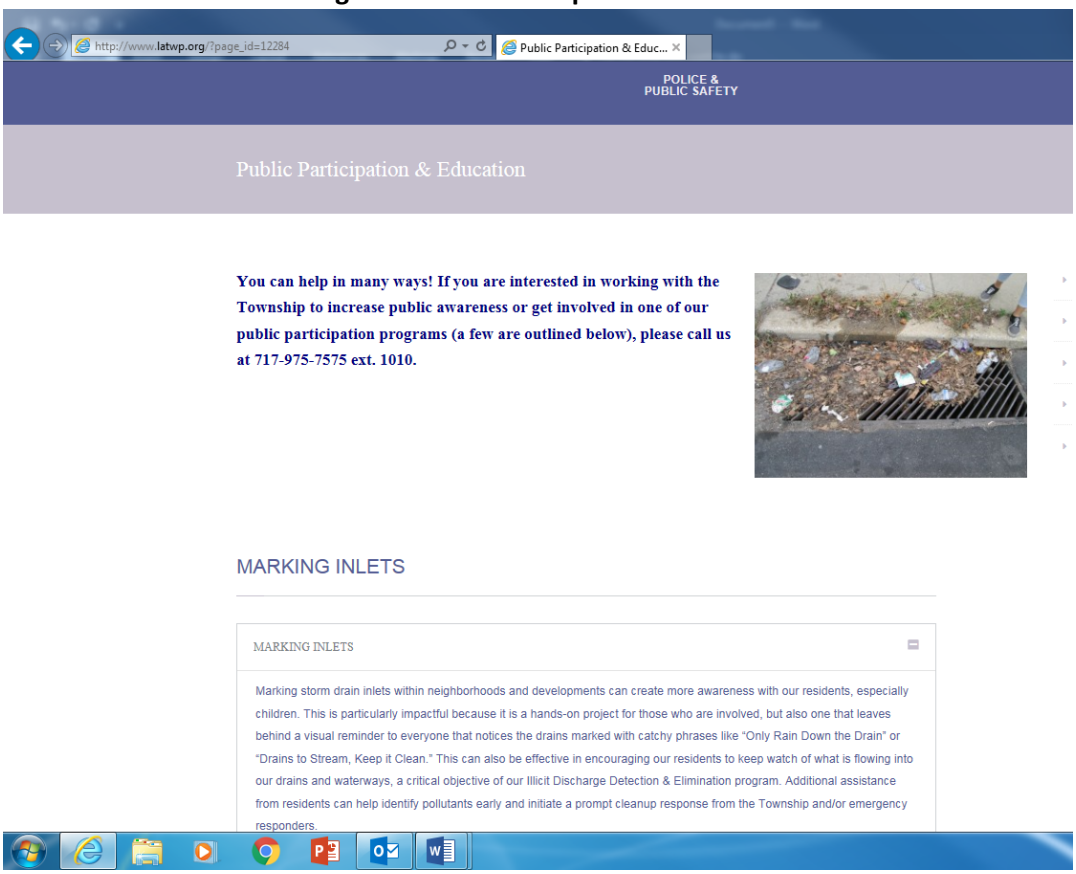
Screenshot of Website – Page 1 – MS4 Information



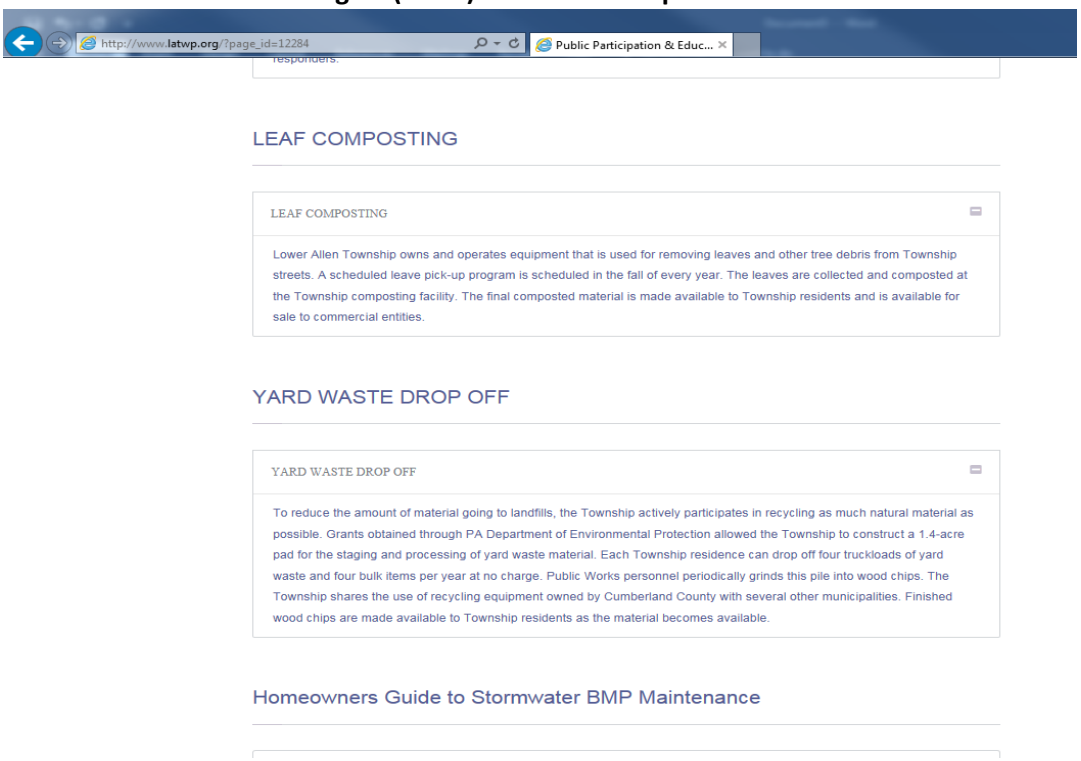
Screenshot of Website – Page 1 (Cont.) – MS4 Information



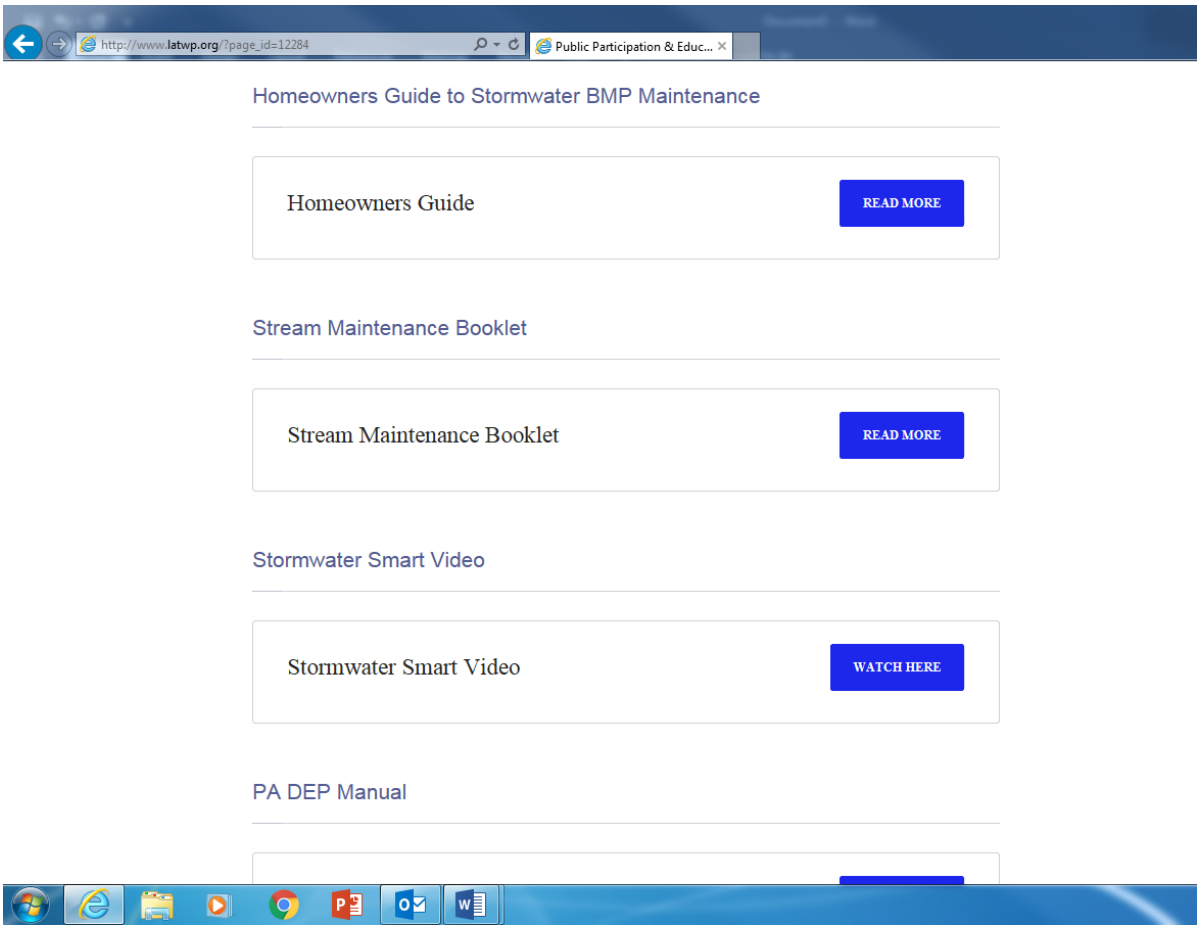
Screenshot of Website – Page 2 – Public Participation & Information



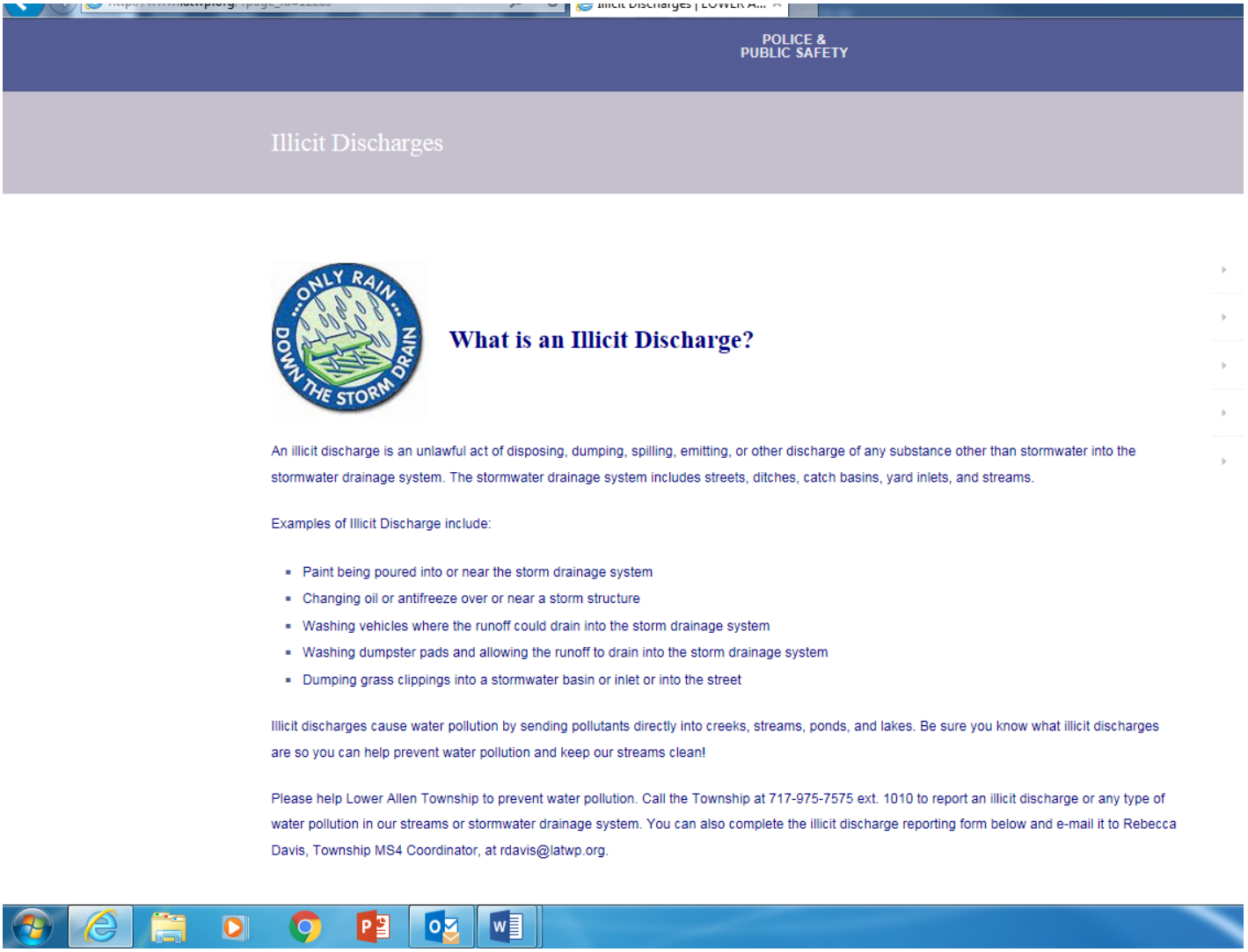
Screenshot of Website – Page 2 (Cont.) – Public Participation & Information



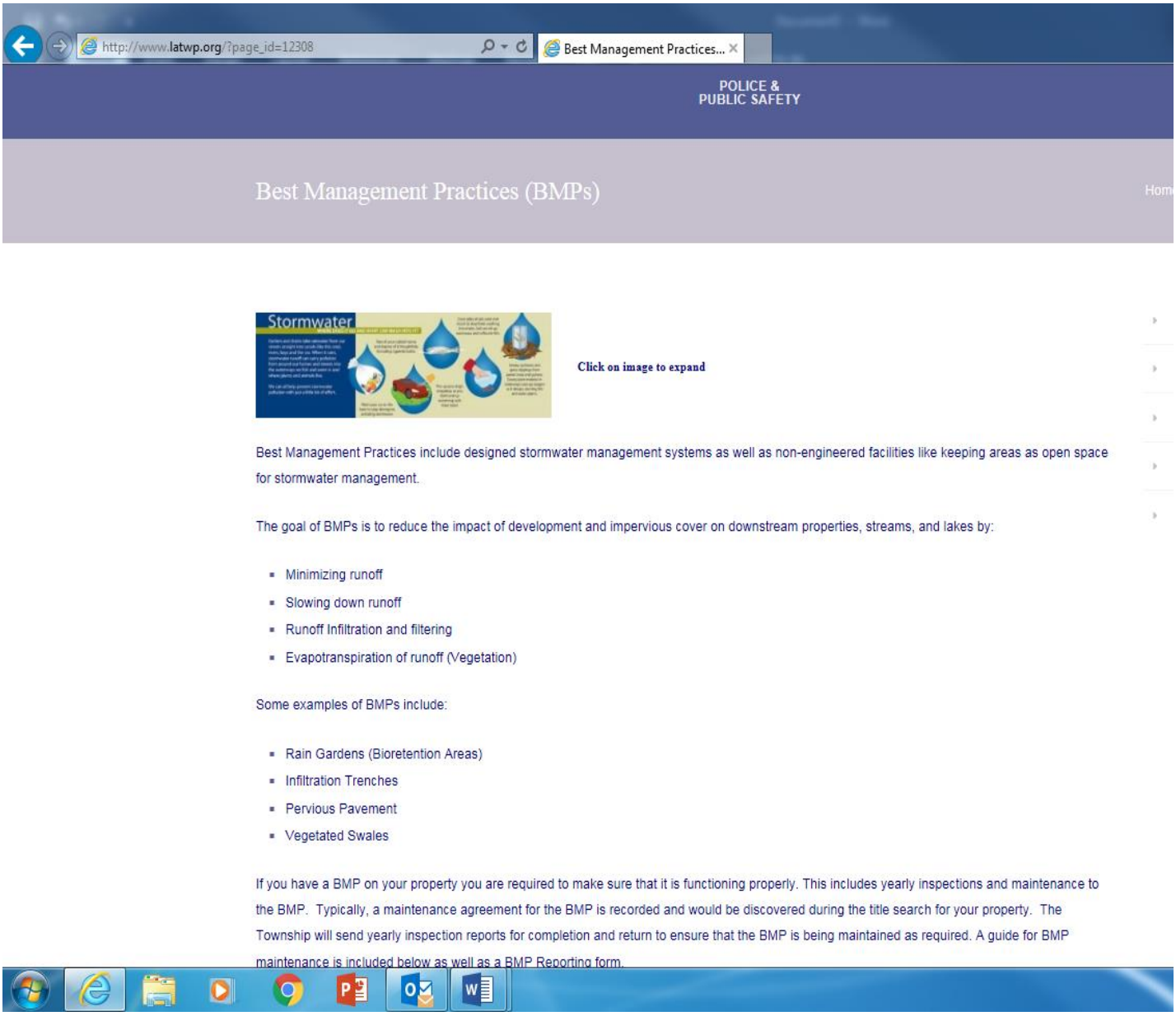
Screenshot of Website Page 2 (Cont.) – Public Education & Information (links)



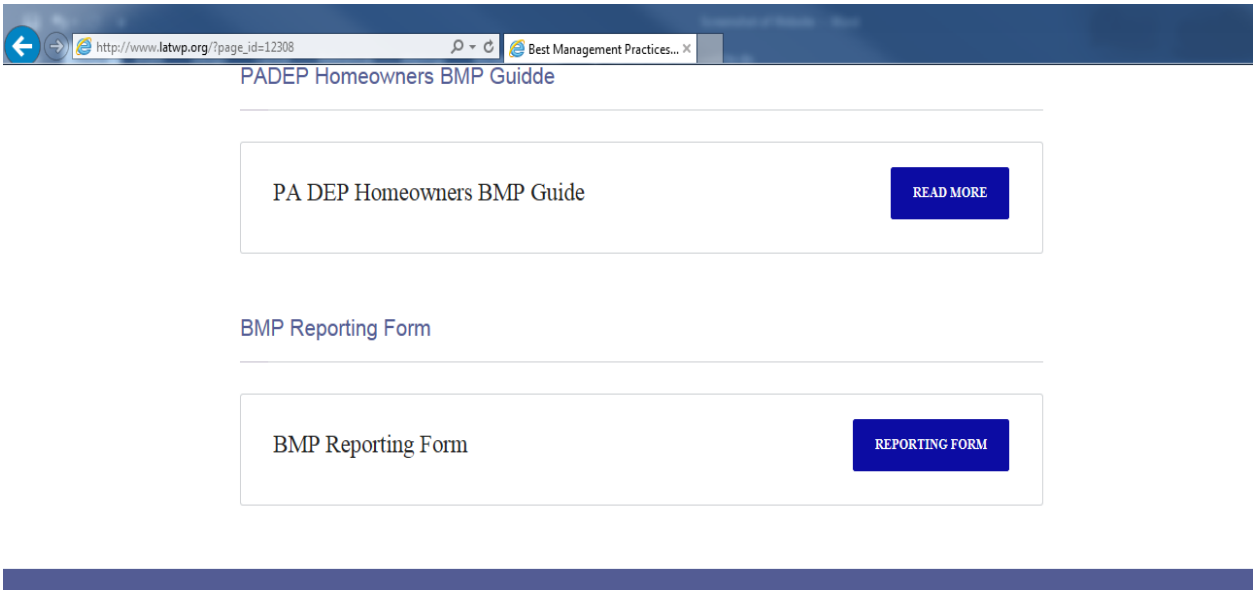
Screenshot of Website – Page 3 – Illicit Discharge & Detection



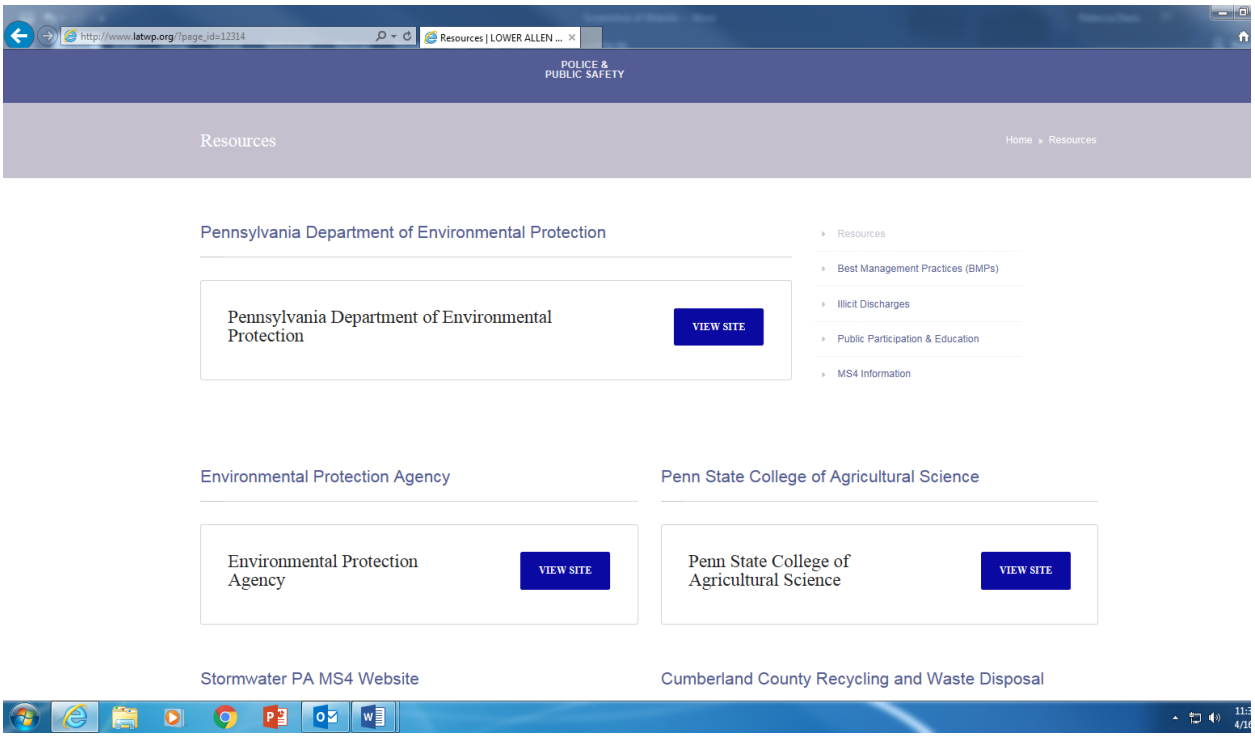
Screenshot of Website - Page 4 – Best Management Practices



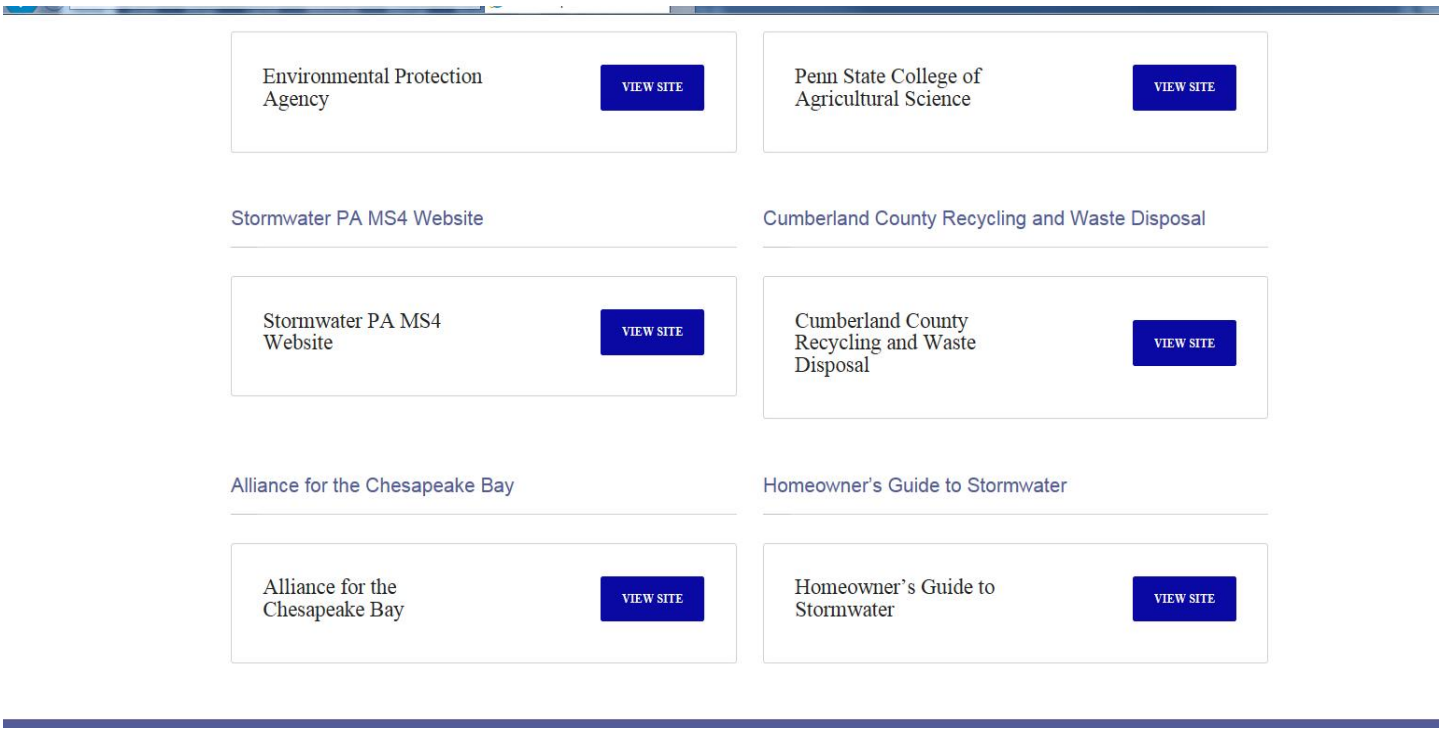
Screenshot of Website - Page 4 (Cont.) – Best Management Practices - Links



Screenshot of Website – Page 5 – Resources for MS4 - links



Screenshot of Website – Page 5 (cont.) – Resources for MS4 – links



ATTACHMENT # 4

TOWNSHIP NEWSLETTER ARTICLES

Spring 2017

TOWNSHIP NEWS

Lower Allen Township · 2233 Gettysburg Road · Camp Hill , PA 17011



Board of Commissioners

Seated L to R: Vice-President Peddrick M. Young, Sr., President H. Edward Black;
Standing L to R: Jack. R. Simpson, Jr., Carolyn E. Holtzman, Richard F. Schin

Inside this issue:

Directory of Services, Calendar at a Glance, Officials in Action	*Pages 2-3*
Comprehensive Plan, Pool Safety	*Pages 4-5*
Deck Safety, Penn Waste Information	*Pages 6-7*
Lisburn Community Fire Company Event, Easter Egg Hunt	*Pages 8-9*
Ambulance Subscriptions, Stormwater Information, LA Alerts	*Pages 10-11*
Building Safety Month, Sewer & Trash Billing, Gardeners Gathering	*Pages 12-13*
Lower Allen Township Community Park Events, Employee Recognition	*Pages 14-15*
Bulk Items, Trash, Yard Waste, Recycling, Leaf Compost & Wood Chips	*Pages 16-17*
Tax Office, Scout News, Fredricksen Library, WS Rec Commission	*Pages 18-19*

Lower Allen Township 2017 Comprehensive Plan

Lower Allen Township is updating its 2006 Comprehensive Plan to identify and prioritize the Township's strategic goals and objectives for the next 10-year horizon.



As a foundational piece of the 2017 plan, the Township will identify the top 5-10 key issues or challenges that are present in Lower Allen today and determine an implementation strategy to address these issues. The issue identification process will include through data collection, stakeholder interviews, focus groups, community survey, and a robust community engagement effort.

Comprehensive Plan Highlights

The planning process was commissioned by Lower Allen Township and is being prepared by a consulting firm, Michael Baker International. The planning process began in January 2017 and is anticipated to conclude in December 2017.

The Township has organized a Citizens Advisory Committee (CAC) to support the planning process. The CAC is comprised of 13 residents who meet monthly with the Township and consultant team to contribute key guidance and input

Be Involved!

There will be several opportunities for residents and stakeholders to participate in the planning process this spring and fall.

Online Public Survey. We need your feedback! The Township is collecting input from the community to identify important treasures (assets or strengths), key opportunities, and challenges in the Township. The link can be found on the Lower Allen Website under the Community Development Tab or available at **https://www.surveymonkey.com/r/LVCH2HT**

The survey will open on April 3, 2017 and will remain open through May 7, 2017.

Continued to page 4

DIRECTORY OF SERVICES

Lower Allen Township
2233 Gettysburg Road • Camp Hill, PA 17011
Phone: 717-975-7575• Fax: 737-4182• www.latwp.org
Monday-Friday: 8:00 pm to 4:00 pm

Tax Office - Phone: 717-737-5671
Hours: Monday, Tuesday, Thursday 10:00 am - 2:00 pm

KEY STAFF	EXT #
Thomas G. Vernau, Jr., Manager	1001
Erin G. Trone, Assistant Manager and Director of Economic Development	1002
Donna Paul, Human Resources, Recycling Coordinator	1402
David L. Holl, Director of Public Safety	1601
Leon Crone, Police Captain	1515
Daniel Flint, P.E., Township Engineer and Director of Community Development	1101
Richard Grove, Finance Director	1202
Bob Nailor, Public Works Coordinator	2106
Christopher Yohn, EMS Captain	3101
Rodney Mumma, Fire Chief, Lower Allen Fire Co. No. 1	1302
Josh Keller, Fire Chief, Lisburn Community Fire Co.	766-3994

IMPORTANT NUMBERS

Emergency Police • Fire • EMS	9-1-1 (24-hours a day)
Non-Emergency & After Hours	717-238-9676
Poison Control Center	1-800-222-1222
PPL	1-800-342-5775
UGI	1-800-962-1212
PA American Water	1-800-565-7292
Lower Allen Sewer Authority	717-774-0610
Penn Waste (Trash & Recycling)	1-866-575-8720
Trash Complaints - call the Township	717-975-7575, ext. 1203
Cleve J. Fredrickson Library	717-761-3900
New Cumberland Public Library	717-774-7820
Joseph T. Simpson Library	717-766-0171
West Shore Recreation Commission	717-920-9515
Representative Sheryl Delozier 2929 Gettysburg Rd., Suite 6, Camp Hill, PA 17011	717-761-4665
Senator Mike Regan 1 East Harrisburg Street Dillsburg, PA 17017	717-432-1733
U.S. Representative Scott Perry	717-635-9504
U.S. Senator Robert Casey, Jr.	717-231-7540
U.S. Senator Pat Toomey	717-782-3951

CALENDAR AT A GLANCE

All meetings are held at the
Lower Allen Township Municipal Services Center
(unless otherwise noted)

APRIL

6	Sewer Authority	7:30 pm
8	Easter Egg Hunt—LACP	10:00 am
10	Board of Commissioners	7:00 pm
14	Good Friday	CLOSED
15	Lisburn Fire Co. Easter Egg Hunt	1:00 pm
17	Development Authority	6:00 pm
18	Planning Commission	7:00 pm
20	Zoning Hearing Board	7:00 pm
24	Board of Commissioners	7:00 pm
26	Recreation and Parks Board	7:00 pm
29	Gardeners Gathering—LACP	10:00 am

MAY

4	Sewer Authority	7:30 pm
8	Board of Commissioners	7:00 pm
14	Lisburn Fire Co. Mothers Day Roast Beef Dinner	11—2 pm
15	Development Authority	7:00 pm
17	Planning Commission	6:00 pm
18	Zoning Hearing Board	7:00 pm
22	Board of Commissioners	7:00 pm
22-26	Tax office	CLOSED
24	Recreation and Parks Board Park Tours	6:00 pm
29	Memorial Day	CLOSED

JUNE

1	Sewer Authority	7:30 pm
12	Board of Commissioners	7:00 pm
12-23	Tax Office	CLOSED
14	Recreation and Parks Board Park Tours	6:00 pm
15	Zoning Hearing Board	7:00 pm
19	Development Authority	6:00 pm
20	Planning Commission	7:00 pm
26	Board of Commissioners	7:00 pm
28	Recreation and Parks Board Park Tours	6:00 pm

JULY

4	Independence Day	CLOSED
6	Sewer Authority	7:30 pm
10	Board of Commissioners	7:00 pm
17	Development Authority	6:00 pm
18	Planning Commission	7:00 pm
20	Zoning Hearing Board	7:00 pm
22	Lisburn Fire Co. Hard Press Cider & Wine Fest.	12—5 pm
24	Board of Commissioners	7:00 pm
26	Recreation and Parks Board	7:00 pm



Joey's Chicken Shack – 1104 Carlisle Road



ATTENTION: **Businesses and Organizations, let us help you get your information in front of many Township News readers.**

Price	Ad Size	# of Issues
$250.00	(3 1/2 x 2)	4
$75.00	(3 1/2 x 2)	1
$600.00	(6 1/2 x 4)	4
$175.00	(6 1/2 x 4)	1

To arrange for your ad to be published in the next quarterly issue, available in October, call 975-7575, ext. 1003 or email hgrundon@latwp.org.

WEST SHORE MEALS ON WHEELS MAY WE SERVE YOU?

We've delivered meals to the elderly and shut-ins since 1970. Serving Camp Hill, Lemoyne, Wormleysburg, New Cumberland and portions of Lower Allen and East Pennsboro.

Call for Details:

Office weekdays 9:30-11:00

717-737-3924
OR
Sally Goas 717-761-3104
Jacquie Hensel 717-512-2276



OFFICIALS IN ACTION

The Board of Commissioners approved the following:

RESOLUTIONS

2017-R-01 *Recognizing, commending, and honoring Vincent Camillo Pham for the attainment of the rank of Eagle Scout. (Adopted 1-9-17)*

2017-R-02 *Appointing Benjamin R. Peters to Maintenance Specialist for the Public Works Department. (Enacted 1-23-17)*

2017-R-03 *Authorizing the negotiation, execution and signature authority, on behalf of the Lower Allen Township Board of Commissioners, all correspondence and documents related to the acquisition of right-of-way for the Gettysburg Road realignment project in Lower Allen Township, Cumberland County, Pennsylvania. (Adopted 1-23-17)*

2017-R-04 *Authorizing the Township Manager to sign and submit the application for permit to install and operate traffic signals at the intersection of Wesley Drive and Century Drive, and the application for permit to install and operate traffic signals at the intersection of Wesley Drive and Gettysburg Road to the Pennsylvania Department of Transportation. (Adopted 2-13-14)*

2017-R-05 *Declaring Township intention to reimburse itself from the proceeds of tax-exempt financing for certain expenditures made in connection with the acquisition construction and equipping of certain capital improvements. (Adopted 2-27-17)*

2017-R-06 *Authorizing the sale of Township property valued over $1,000. (Adopted 3-13-17)*

2017-R-07 *Proclaiming the Month of April 2017 as "Pennsylvania 811 Safe Digging" month. (Adopted 3-13-17)*

2017-R-08 *Recognizing Edgar J. Siptroth, Jr. for his years of service as Constable for Lower Allen Township. (Adopted 3-27-17)*

ORDINANCES

2017-02 Amending the code of the Township of Lower Allen, 1997 at Chapter 23 Intergovernmental Cooperation, by creating a new article XIII, authorizing the Board of Commissioners to enter into a municipal agreement with the Capital Region Council of Governments and its member municipalities to participate in the Building Code Department for building code inspections and plan review. (Enacted 1-9-17)

COMPREHENSIVE PLAN

Visioning Week. Join a variety of discussion groups to contribute to issue identification.

Monday, May 01, 2017	Tuesday, May 02, 2017	Wednesday, May 03, 2017	Thursday, May 04, 2017
Visioning Intro and Workshop #1	**Workshop #2**	**Workshop #4**	**Capstone**
6:00-8:00PM	1:30-2:30 PM	12:30-1:30PM	6:30-8PM
Lower Allen Township Municipal Services Center	Bethany Village, Rife Center	Members 1st Board Room	Lower Allen Township Municipal Services Center
2233 Gettysburg Road Camp Hill, PA 17011	325 Wesley Drive Mechanicsburg, PA 17055	5000 Louise Drive Mechanicsburg, PA 17055	2233 Gettysburg Road Camp Hill, PA 17011
	Workshop #3	**Workshop #5**	
	6:30-8:00PM	5:00-6:30PM	
	Christ Community Church, Ministry Building	The Barn at Lower Allen Community Park	
	1201 Slate Hill Road Camp Hill, PA 17011	4075 Lisburn Road Mechanicsburg, PA 17055	

Events will be hosted in the morning, afternoon, and evening at various locations throughout the Township to give all citizens an opportunity to participate.

Public Open House. A Public Open House will be scheduled in early fall 2017 to unveil the draft comprehensive plan to the public. Residents and stakeholders will have the opportunity to ask questions and provide feedback on the draft plan.

Comprehensive Plan Schedule

January-March	April-June	July-September	October-December
• Research and data collection to establish existing conditions	• Online public survey	• Goals and objectives	• Draft plan
• CAC meetings commence	• Visioning Week public participation	• Implementation strategy	• Public Open House
• Stakeholder interviews and focus groups	• Issue identification and prioritization		• Plan adoption

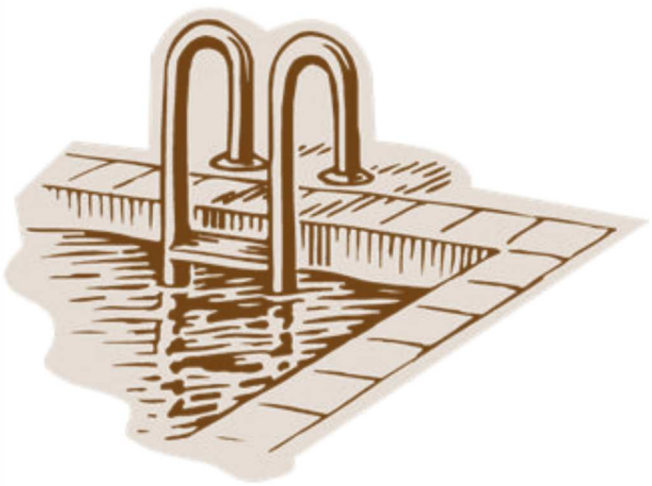
All updates and informational flyers will be posted here, so be sure to check back over the course of the year to stay up-to-date on how you can participate.

Learn More

Have questions or would like to learn more? We'd love to hear from you! Contact Erin at:

Erin Trone
Assistant Manager
Lower Allen Township
717-975-7575
etrone@latwp.org

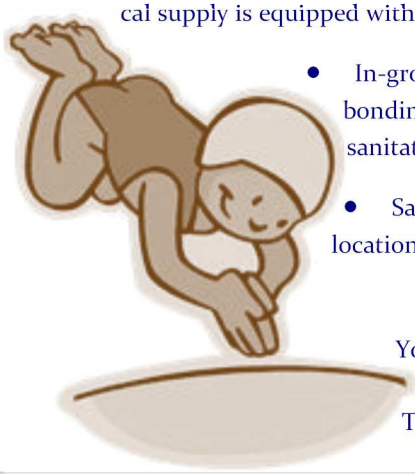
SWIMMING POOL SAFETY ALERT



Because the outdoor swimming season is approaching, we are urging our readers to become familiar with pool safety regulations. Whether you already own a pool, are thinking of purchasing one, or enjoy the pool of a neighbor or friend, observing these safety guidelines could prevent an accidental injury or death.

The PA Uniform Construction Code (UCC) regulations adopt standards published by the International Code Council pertaining to design, structural, electrical, plumbing and safety barrier aspects of swimming pools, hot tubs and spas. The Lower Allen Township Community Development Department staff enforces these regulations through the plan review, permit and inspection process. Here are some essential UCC requirements:

- **The UCC applies to any structure intended for swimming or bathing that contains water over 24" deep**, including pools that are in, on or above-ground, hot tubs and spas. Portable and permanent installations are regulated.
- **Providing and maintaining an adequate barrier is essential to restrict pool access, which minimizes the chance of accidental drownings. Many drowning victims are residents or guests of the household where the pool is located, so a barrier or door alarms are also required between the home and the pool.**
- Many hot tubs and spas are sold with cover assemblies that provide the required safety barrier. Otherwise, a barrier of at least 4' high must be provided for all types of pools. Self-closing and self-latching gates must swing outward. Latch locations and fence openings are regulated to make it difficult for small children to open gates, or to climb through or over safety barriers.
- The side walls of above-ground pools do not meet this barrier requirement if they are less than 4' high, or if pool access is provided by an adjacent elevated deck. Please remember to remove ladders or lock them in the upright position when an above-ground pool is not in use.
- Code compliance for portable pools, hot tubs and spas can be as simple as assuring that the required barrier is provided, the water supply is protected from back-flow (no protection can cause contamination of drinking water), and the electrical supply is equipped with a ground fault current interrupter (protects against electrocution).



- In-ground pools and permanent above ground pools must also meet other standards for bonding of metallic parts (electrical safety) and plumbing requirements (to ensure proper sanitation by the filter system, and entrapment protection at suction outlets).
- Safety glazing is required for any glass areas near a pool, and there are restrictions on locations of electrical receptacles, fixtures and overhead power lines.

You can download a General Permit Application and a code compliance checklist for swimming pools on the Community Development Department page at www.latwp.org. The form and checklist also cover zoning regulations that apply to swimming pools,

DECK SAFETY

RESIDENTIAL DECK SAFETY TIPS



A properly constructed and maintained deck can provide a great place to enjoy many hours of outdoor leisure time. A poorly constructed and/or maintained deck can cause bruises, sprains and fractures, or worse.

Deck failures are becoming more frequent in the U.S. due to aging structural materials on older decks, excessive loading (such as hot tub placement with inadequate structural support), and as a result of improper deck construction methods. A web search of "residential deck failures" will show you prime examples of what can go wrong with a deck. Thankfully, this same search will yield a wealth of information about code-compliant deck design and installation, as well as maintenance recommendations.

If you have an existing deck, check for loose, corroded or missing connections. Inspect metal connector plates and joist hangers, screws, nails and bolts. Look at all locations where lumber components of the deck are connected to something—joist to house, joist to beam, beam to post, and post to footing. Also check for significantly cracked or rotten wood, loose deck boards, loose or improperly spaced fall protection (guards and rails), missing or hard-to-grasp handrails, and improperly built stairs.

If you are planning to reconstruct or alter an existing deck, or build a new one, here are some important requirements:

- Current wood preservatives are generally less toxic, but more corrosive than preservatives used when chemically decay-resistant lumber was first introduced. Aluminum flashing between the house and deck, and lightly galvanized steel connectors, can become badly corroded in just a few months. Ask your lumber and hardware supplier to verify compatibility of materials, or use stainless steel connectors and corrosion resistant flashing.
- Where no portion of a deck is greater than 30 inches above the surrounding ground surface, fall protection is not required; however, installation of guards and rails is still recommended.
- A construction permit is not required when a deck will be self-supporting (not attached to the house) and will have no portion greater than 30 inches above the surrounding ground surface; however, a zoning permit is required for all new decks and deck enlargements.
- A zoning permit is required to verify that the deck does not exceed allowable encroachment into required yards (too close to a property line). If the deck construction will not allow precipitation to pass through and soak into the ground, we also verify that the deck area will not cause property improvements to exceed the allowable limit of impervious lot coverage.
- A construction permit is required for new decks (except as noted above), structural repairs, additions, and alterations to required safety components. You will need to submit stair, rail and guard details, framing and load path connection plan, materials list, cost estimate and site plan.

You can download a General Permit Application and a code compliance checklist for decks on the Community Development Department page at www.latwp.org. The form and checklist should also be used to request zoning approval as explained above.

The American Wood Council publishes an excellent resource, the Prescriptive Residential Deck Construction Guide (DCA-6). This guide is compatible with the 2009 edition of the International Residential Code, the building code currently used in Pennsylvania. A free download is available at www.awc.org. Open the "Education" tab, then under the Codes and Standards heading, click "Free Publications". You will find DCA-6 under the heading "Design for Code Acceptance (DCA) Series".

If you need assistance to plan the installation, repair or alteration of a deck, please contact the codes enforcement staff in the Community Development Department. May is International Building Safety Month, so why not improve your peace of mind by scheduling a free deck safety inspection with one of our certified construction code officials.

PENN WASTE

SIGN UP FOR PENN WASTE E-NEWS

Residents can sign up for Penn Waste's E-News service to receive updates regarding trash collection schedules right to your email account. Just go to www.pennwaste.com and enter you name and email address in the spaces provided in the lower right of the home page.



In 2016, Penn Waste received **over 500 pounds of medical waste** at our recycling facility! This is **a public safety hazard** for our team members who manually sort through the recycling and are at risk of getting stuck by a needle.

How Can You Help?

Medical waste needs to be properly disposed of in the TRASH, not the RECYCLING.

If a person does not have a sharps container to dispose of their medical waste, they should do the following:

1. **Place their medical waste in a thick container that has a lid** – such as a coffee can or detergent bottle.
2. **Make sure the lid is secure** on the container by duct taping it shut and **place it in the TRASH.**

Please help us keep our team members safe!

Thank you!



PENN WASTE

pennwaste.com

02/2017

LISBURN COMMUNITY FIRE COMPANY ACTIVITIES



1800 Main Street, Lisburn
Mechanicsburg, PA 17055
717-766-3994
www.lisburnfire.org
E-mail: lisburncommunityfirecoinfo@comcast.net

Lisburn truly is a "Community" fire company. For information about joining our firefighters, or to lend a hand with any of our social activities, please email or call to set up an interview to learn what we do and how you can fit into our organization. Save your local Fire Department by volunteering before it is too late. Visit our Facebook Page and our website for additional information.

DATE	2017 EVENT LISTING	TIME
Saturday, April 15th	**EASTER EGG HUNT**	**1:00 PM**
Sunday, May 14th	**MOTHER'S DAY ROAST BEEF DINNER**	**11:00 AM – 2:00 PM**
Saturday, July 22nd	**HARD PRESSED - Cider and Wine Festival**	**12:00 PM – 5:00 PM**
August 9, 10, 11, 12th	**FIRE COMPANY FESTIVAL**	**9th - Ride Night, Kitchen Closed! 10th, 11th, & 12th - Kitchen opens @ 4:00 PM**
Saturday, September 16th	**GUN RAFFLE DRAWING & DINNER**	**1:00-5:00 PM**
Sunday, October 8th	**BBQ CHICKEN DINNER - PICK UP ONLY!**	**11:00 AM – 2:00 PM**
Saturday, October 21st	**Fall Festival and Bonfire—Tentative and Weather Depending**	**7:00—10 PM**
Sunday, November 12th	**ROAST TURKEY DINNER**	**11:00 AM – 2:00 PM**
Saturday, December 2nd	**SANTA TOURS LISBURN**	**8:00 AM**

All vents are SUBJECT to CHANGE due to Weather or situations beyond our control.

THANK YOU FOR YOUR SUPPORT!

LOWER ALLEN TOWNSHIP'S ANNUAL EASTER EGG HUNT

Saturday, April 8, 2017 (Rain or Shine)

Lower Allen Community Park

4075 Lisburn Road, Mechanicsburg



10:00am (up to 3 years)	Upper Pavilion
10:20am (4-6 years)	Keystone Pavilion
10:40am (7-10 years)	Lower Pavilion

Candy and Goody Bags for each child

Please bring your own bag/basket

For additional information, please contact Wendy Hayden at 975-7575 #2104

Or via email: whayden@latwp.org



Ambulance Subscription Renewals

The 2017 Ambulance Subscription Renewals were mailed out in December. Ambulance Subscriptions are good for the calendar year of 2017. The Board of Commissioners set the Subscription rates for 2017 at $70 for a Single Subscription and $85 for a Household Subscription. If you did not receive a subscription form, or if you have any questions please contact Bev Putric at 975-7575, ext. 1205.

Why have a subscription? The cost of a trip in an ambulance is very high and insurance generally does not pay the full bill. By becoming a subscriber, if you call 911, are transported to a hospital and the transport is deemed medically necessary, Lower Allen EMS will accept the insurance company payment as payment in full for your first trip. Subscriptions do ***not*** cover routine transportation, transportation for stretcher or wheelchair, or transportation that is not medically necessary. You are responsible for additional mileage costs if you are transported past the closest appropriate facility.

Anything that enters a storm drain goes to a local lake or river.

It does not go to a waste water treatment facility.

Do you know you live on waterfront property? You do if there is a storm drain nearby! Storm drains carry runoff water to local lakes and rivers. Whatever washes off your yard and street can pollute these waters. That includes lawn fertilizer, grass clippings, pet waste, and tree leaves and seeds—all sources of phosphorus, the plant nutrient that turns lakes and rivers green with algae.

Keep your runoff clean!
Keep our lakes and rivers clean!

REMOVE LEAVES FROM THE STREET

- Rake leaves, seeds and grass clippings out of the street and gutter.
- Compost on site, bag for collection, or take to community compost program.



LEAVES END UP IN THE STORM SEWER

PREVENT EROSION

- Phosphorus attaches to soil. Keep soil from washing into the street.

FERTILIZE THE LAWN, NOT THE LAKES AND RIVERS

- Choose a zero-phosphorus fertilizer. Many lawns have adequate soil phosphorus and will remain healthy without adding more.
- If you think your lawn needs phosphorus, test your soil first. For information contact your university extension office or soil conservation district.
- Sweep spilled fertilizer off paved surfaces.
- Remember, compost and manure contain phosphorus too.



CLEAN UP AFTER PETS

- Scoop the poop. Pet waste contains phosphorus as well as harmful bacteria.
- Don't feed urban geese.



ANIMAL WASTES END UP IN THE STORM SEWER

GRASS CLIPPINGS END UP IN THE STORM SEWER



KEEP THE PAVEMENT CLEAN

Sweep up grass clippings, soil and fertilizer from driveways, sidewalks, and streets.

Lower Allen Township announces a NEW 'Community Notification System'

Beginning April 2017, we will retire the current system used to make community notifications for emergencies as well as general notifications of Township activities. The retired system was largely based upon landline phone numbers contained in the "White Pages" database. As landlines continue to decrease and become less reliable for immediate notifications, it became essential to shift to a mobility based system that provided for a resident's self-determination of a variety of contact options.

With the new system, referred to as "**LA ALERTS**", you will be able to add the phone numbers (landline and cell phones), email addresses, and text numbers where you wish to be contacted for various notifications. You will also be able to select groups you wish to be included in for emergency and/or routine messaging.

Subscribing is easy! Simply go the Township web page at www.latwp.org and click on **LA Alerts** under the Police & Public Safety News link. Here you will be able to create an account and list the phone numbers and email addresses you wish to be included as contacts. You can also then choose the level of contact and join contact groups. If you have any difficulty you can also subscribe by calling us at 717-975-7575 Ext. 1602 and we will assist you in registering. You may also choose to complete the form at the bottom of this page and mail to Lower Allen Township, 2233 Gettysburg Road, Camp Hill, PA 17011, Attn: LA ALERTS (or use the drop box near the flag pole in our parking lot).

After March 31st, you will no longer receive EMERGENCY or other notifications unless you subscribe to the **LA ALERTS** system. Do not hesitate. **Subscribe today!**

Please PRINT

I am a Lower Allen Township: ___Resident ___Business

NAME AND ADDRESS

Resident or Business Name: _____

Street Address: _____

Apartment or Suite #:_____ City: _____ Zip: _____

PHONE AND EMAIL

Phone (HOME): ( ) ____-_____

Phone (CELL): ( ) ____-_____ Circle One (TEXT or VOICE) EMAIL: _____

Phone (CELL): ( ) ____-_____ Circle One (TEXT or VOICE) EMAIL: _____

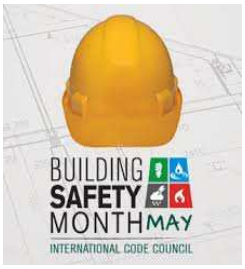
Phone (CELL): ( ) ____-_____ Circle One (TEXT or VOICE)

GROUP SUBSCRIPTIONS

I would like to subscribe to the following groups: ___ Emergency Alerts ___ Flood Plain Alerts ___ TMI Alerts

___ Leaf/Trash Pick-up ___ Weather Alerts ___Township Newsletters/Events ___ LA Business Owner/Operator

BUILDING SAFETY MONTH • LOWER ALLEN AUTHORITY • 811 SAFE DIGGING



MAY IS BUILDING SAFETY MONTH

May is Building Safety Month. May is the time to remember the dedicated members of the International Code Council. The Council brings together local, state and federal officials with expertise in the construction environment to create and implement the highest-quality codes in order to protect Americans from building failures. These buildings are where we live, learn, work, worship and play. The codes established by the Council are the most widely adopted building safety, energy and fire prevention codes in the nation. These building codes also include safeguards to protect the public from natural disasters such as hurricanes, snowstorms, tornadoes, wildland fires, floods and earthquakes.

Building Safety Month encourages appropriate steps everyone can take to ensure that the places where we live, learn, work, worship and play are safe and sustainable, and recognizes that countless lives have been saved due to the implementation of safety codes by local and state agencies. Residents are asked to consider projects to improve building safety and sustainability at home and in the community, and to acknowledge the essential service provided to all of us by local and state building departments, fire prevention bureaus and federal agencies in protecting lives and property.

Join us in thanking our Community Development Department for all their hard work in keeping our Township and residents safe. Great Job!

Trash/Sewer Bill Payment Options



- **Mail:** Mail your payment with your remittance stub. If paying through your bank's online bill pay, please remember to include your sewer/trash account number on your check.
- **In Person**: Visit the Township building and pay by cash, check or credit card. If you don't have time to stop in, just swing your car around to our drop box located in the front of the building by the flag pole and drop your payment there. The mail is gathered from the box by 8am each weekday morning.
- **Credit Card**: Visit our website at www.latwp.org, call or stop in to pay by credit card. If paying on our website, enter GovPay in the search bar to find the link; there is a processing fee that applies to all credit card payments.
- **Automatic Payment**: An authorization form can be obtained on our website at www.latwp.org or by calling or visiting the Front desk at the Township building. By choosing this option, the Township will automatically deduct the quarterly bill from your account on time, every time. Just submit the signed authorization form along with a voided check and we will take care of the rest!

APRIL IS PENNSYLVANIA 811 SAFE DIGGING MONTH

April 2017 is recognized as "Pennsylvania 811 Safe Digging Month" across our Commonwealth, an initiative supported by Pennsylvania 811, a utility notification information center more commonly known as Pennsylvania One-Call. PA811 is celebrating its 45th year of continuous service to the Commonwealth of Pennsylvania.
This unique service provides an easy to use one-call notification about excavation projects which may endanger workers and jeopardize utility lines while promoting workplace and public safety, reducing underground utility damage and minimizing utility service interruptions while protecting the environment.

The Pennsylvania One-Call System began with only six utility companies in Western Pennsylvania and now serves more than 100,000 excavators and 3,600 critical underground infrastructure owners throughout the Commonwealth. The service annually receives more than 800,000 notification requests and transmits more than six (6) million notifications, providing protection to utility companies, their employees, customers, and the general public.

With economic development throughout Lower Allen Township and Pennsylvania growing, it is important to minimize the damage to underground utility lines, danger to workers, environmental pollution, and the loss of utility services. We encourage all residents, engineers, designers, excavators and homeowners to Dial 8-1-1 at least three business days in advance of an excavation project such as planting a tree, installing a mailbox post, building a deck or swimming pool or replacing a driveway.

At their regular public meeting of March 27th, the Commissioners of Lower Allen Township adopted a resolution proclaiming April to be Pennsylvania 811 Safe Digging Month in Lower Allen Township.

GARDENERS GATHERING



13th Annual
Lower Allen Township
Gardeners Gathering

When: **April 29, 2017**
10:00 AM – 1:00 PM
Where: **Lower Allen Community Park**
4075 Lisburn Road, Mechanicsburg, PA 17055
(Event held Rain or Shine!)

Barn Workshop – Lower Level

10:00 AM ***Rain Barrels and Water Conservation; Lori Glace, Cumberland County Conservation District***

During this two-hour session, Watershed Specialist Lori Glace will discuss the importance of water harvesting in the garden with your professional-grade rain barrel. Participants will learn how to construct and install their rain barrel as well as hear about ways to control storm water, with a goal of protecting water quality in local streams. *See below for detailed payment information- Class size is limited to 20 people, so be sure to register early!*

IMPORTANT**: The Rain Garden workshop is free and the Rain Barrels are available at a reduced price of $20.00, thanks to the generous support of our sponsors, Cumberland County Conservation District and PA American Water. **Please mail your check for the rain barrel made payable to *Lower Allen Township c/o* Wendy Hayden, Event Planner at 1400 St. Johns Road, Camp Hill, PA 17011. For more information, check out www.latwp.org . Pre-registration deadline for the workshop is Monday, April 24, 2017.

Tot Lot Pavilion

12:15 PM ***Annual Plant Swap*** – How does it work? Bring your divided perennials *(in pots or containers, please)* between 10:00 am - 12:00 pm and receive a ticket per plant that you bring. At 12:15, we'll start "raffling off" each plant- you take one home for every one you give away! ***Limit 10 plants per participant.***

There will also be plant giveaways and prize drawings, thanks to our local business supporters.

Join us for a fun-filled day of springtime excitement...and many thanks to our sponsor Pennsylvania American Water as well as our volunteer Recreation and Parks Board for their time commitment!

****For questions, please contact* Wendy Hayden at Lower Allen Township by calling (717) 975-7575, ext. 2104. You can also check the township website at www.latwp.org or find us on Facebook!**

PENNSYLVANIA
AMERICAN WATER

2017 EVENTS—TENTATIVE LISTING
LOWER ALLEN COMMUNITY PARK

March: 14, 21, 28 -**WSRC— Puppy training class** (registration required)
Fernlawn Pavilion— 5:30pm—7:30pm
15, 22, 29 - **WSRC— Canine Good Citizen class** (registration required)
Fernlawn Pavilioin, 5:30pm—7:30pm

April: 4, 11, 18, 25 **WSRC— Puppy training class** (registration required)
Fernlawn Pavilion, 5:30pm—7:30pm
5, 12, 19, 26 **WSRC— Canine Good Citizen class** (registration required)
Fernlawn Pavilion, 5:30pm—7:30pm
8 **Lower Allen Township's Easter Egg Hunt (rain or shine)**
Upper, Keystone, Lower Pavilions 10am—11am
29 **Lower Allen Township's Gardner's Gathering**
Barn and Tot lot pavilion 10:00am—1:00pm
29 **WSRC— Snag youth golf** (registration required)
Driving range— 8:45am—11:45am

May: 6, 13, 20, **WSRC— Snag youth golf** (registration required)
Driving range— 8:45am—11:45am
13—14 **ASA—Men's Softball Tournament**
Fields 1, 2, 3 - 8:00am—Dusk
27 –29 **PA Girls Fast Pitch Softball Tournament**
Fields 1, 2, 3 - 8:00am—Dusk

June: 3-4 **ASA—Women's Softball Tournament**
Fields 1, 2, 3 - 8:00am—Dusk
17—18 **ASA—Men's Softball Tournament**
Fields 1, 2, 3 - 8:00am—Dusk 23-
23, 24, 25 **PA Girls Fast pitch Softball Tournament**
Fields 1, 2, 3 - 8:00am—Dusk

July: 1 –3 **PA Girls Fast pitch Softball Tournament**
Fields 1, 2, 3 - 8:00am—Dusk
15—16 **ASA—Men's Softball Tournament**
Fields 1, 2, 3 - 8:00am—Dusk

August: 10 **Lower Allen Township's Yappy Hour**
Dog Park - 5:30—7pm
19—20 **Brook's Bronc's Redux Softball Tournament**
Fields 1, 2, 3 - 8:00am—Dusk

September:

October : 7 –8 **Dillsburg Soccer Tournament**
Upper, Keystone, Lower pavilions 8:00am—Dusk Fields, Upper, Lower, Creekside 1, 2, 3, 4,

EMPLOYEE RECOGNITIONS

At the January 9th Board Of Commissioners meeting, six employees were recognized for years of services to Lower Allen Township. Together these four employees have a combination of 75 years of services to our residents!!!



William Yeagley—Code Enforcement Specialist—5 years



Helen Grundon—Township Secretary—10 years



Douglas Foltz—Patrol Officer—15 Years



Christopher Yohn—EMS Division Chief—15 years



Bryce Landis—Public Safety Officer—20 Years



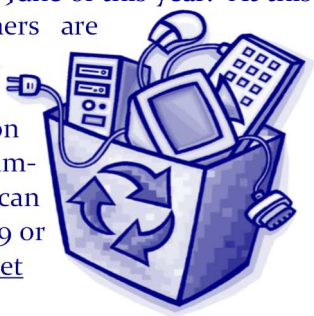
Michael Scarlato—Patrol K-9 Officer—10 Years

Electronics Recycling

It is a question we hear numerous times a day. "Where can residents take their electronics"? Some good news was released from Cumberland County Commissioners recently.

The County will be moving forward with a contract to have a permanent program in place for residents to recycle electronics. Once the logistics are figured out, County staff will take electronics from residents at the Claremont Road storage barn, just outside of Carlisle.

The fee that is being established will be .50 cents per pound. More information will be forthcoming, as the program is slated to start in June of this year. At this time, County Commissioners are asking residents to hold onto their electronics. Watch for more information as it becomes available. Cumberland County Recycling can be contacted at 717-240-6489 or their website at www.ccpa.net



BULK ITEM DISPOSAL

One bulk item per week can be picked up curbside, by your trash hauler. For residents' convenience, four loads per household; per calendar year, can be brought to the Public Works facility. **A $25.00 fee will be assessed for households exceeding their 4 load limit.** The business hours for dropping off items at Public Works is, Monday – Friday between the hours of 7:00am – 2:30pm. For residents' convenience, the facility is open the second Saturday of the month 8:00am – 1:00pm, from April through November.

Bulk items - Household appliances, furniture, carpet and wooden items - (outdoor furniture, swings and landscaping timbers)

Metal items – All items must be separated, (no plastic or wood pieces can be attached) only 100% clean metal will be accepted. Lawn mowers will be accepted and must have the oil and gas and tires removed before disposal.

Shingles, concrete, dirt, paint, tires, oil, fuel, glass, pressurized tanks, TV's and Computer Equipment WILL NOT be accepted.

Please refer to the Cumberland County website, www.copa.net for recycling guidelines and disposal locations for electronics and hazardous materials

CURBSIDE YARD WASTE PICK UP

The Townships' yard waste recycling program will be starting in April and will be collected by your trash hauler, on your regular trash day. Yard waste collection will proceed through the last week in November. Residents may bring their yard waste directly to the Public Works facility, located at 1400 St. Johns Road, Monday through Friday, between the hours of 7:00am – 2:30pm. The second Saturday drop off will be offered starting in April and ending in November. **Lower Allen households are limited to four loads of brush (yard debris) to Public Works, per calendar year. A $25.00 fee will be assessed for households exceeding their 4 load limit.**

Landscape Contractors working at properties in the Township may haul yard waste generated at those properties to the Public Works facility when accompanied by the resident, or with prior approval. A contractor's yard waste permit is required to be purchased by contractors using the facility.



Yard waste consists of garden debris, leaves, sticks and branches and stumps (no larger than 24 inch diameter). Grass clippings and sod are **NOT** considered yard waste and should be bagged and put out with regular garbage, or composted.

Yellow yard waste bins should be used for smaller manageable amounts of debris. No trash bags or garbage should be mixed in with the yard waste. Branches (not exceed 6 feet in length or 4 inches in diameter) must be bundled with twine or string,. Maximum weight is 45lbs. Yellow yard waste bins can be picked up at the Municipal Services Center during regular business hours. Unlimited amounts of yard debris may be placed curbside, using the previously stated guidelines.

Yellow Yard Waste Recycling Containers are available at:

Municipal Services Center, 2233 Gettysburg Road, Camp Hill, PA 17011

Between the hours of 8 am and 4 pm, Monday-Friday.

Limit one per residence. Additional or replacement containers available for a $10 fee.

Tips to recycle, and reduce toxins at home.

Green Cleaning: There is a secret that you may have picked up on by now: you don't have to go out and buy cleaning products. With simple items around the home, you can make your own. They will last longer and be safer for pets, your children and you. You can get a lemony fresh scent with – get this- ***lemon juice!***
Some ready-to-use cleaning products may contain chemicals, dyes and fragrances that will cause skin irritation or air pollution. Here are some spring cleaning tips that will help you reduce the use of toxic chemicals and avoid their side effects while saving money. You win!

Many of you may already be familiar with the baking soda and vinegar trick. Baking soda absorbs odors and is mild abrasive. Distilled white vinegar removes soap scum and grease. Mix either one with water, and you've got a lot of your kitchen and bathroom cleaning products covered.

All-purpose Cleaner: Mix ingredients for each recipe in a spray bottle. Use for cleaning everything from floors and walls to countertops, carpet and upholstery.

- Dissolve 4 Tbsp. baking soda in one quart of warm water.
- Add ½ C vinegar to between 1 cup and 1 quart of warm water.

Recycling Tip: Remember that you can gain a "new" dusting or cleaning cloth by cutting up an old shirt or old flannel that wasn't high enough quality to donate to a thrift store, and old towels work well for larger areas like floors or walls.
Furniture polish: Mix 1 tsp. olive oil and ½ cup lemon juice. OR, mix ¼ C white distilled vinegar and a few drops of food-grade linseed oil, jojoba or olive oil. Rub with the wood grain using a soft cloth.
Buff with a clean corner of a rag.

Instead of bleach, try ½ cup of 3% hydrogen peroxide in the rinse cycle of your wash.

Tips: Rust stains can be removed from porcelain by scouring with a cream of tartar, which is mild acid.

Ingredients: If you can't pronounce them….. Avoid chlorinated compounds, petroleum stuff like surfactants and distillates, phenols and formaldehyde. Words such as ethylene/ethyl, butyl/alkyl, benzene, phenols and formaldehyde indicate a product with ingredients that are bad.

Sad but true: Manufacturers are not required by law to list their ingredients unless they are active or contain stuff that we know is harmful. But that leaves it pretty wide open- be aware if the product only lists "active" ingredients. If other ingredients are not listed, you don't know if they are good, bad, or ugly.

Recycling Tip: A product's packaging can sometimes be wasteful. When you make your own cleaning solutions at home and reuse your spray bottles or containers over and over, you also reduce waste. Best practices include reduce packaging of products first and then make sure you can recycle its packaging materials, such as plastic bottles.

LEAF COMPOST AND WOOD CHIPS

Public Works will begin delivering product starting April 6th and continue delivering on Thursday and Friday mornings, through the first week in November. Order forms and payment must be submitted at the Township's Municipal Services Center, prior to delivery scheduling.
Lower Allen residents are welcome to come and self-load both products, free of charge, during business hours, Monday – Friday, between the hours of 7:00am – 3:00pm. All contractors working in the Township, must be accompanied by the resident when picking up products.

Leaf Compost delivered	Wood Chips delivered
3 cubic yards (small load) – $35.00	3 cubic yards (small load) – $15.00
8 cubic yards (large load) – $50.00	8 cubic yards (large load) – $25.00

QUARTERLY TAX TIPS

It's time to spring into action, if you haven't already…The 2017 Township and Cumberland County real estate taxes were dated March 1st and mailed. Due to constant reselling of mortgages and frequent homeowner refinancing, we mail all real estate taxes to the property owner. If your taxes are in an escrow account, we ask that **you write your loan number on the tax bill and promptly forward one copy to your bank or mortgage company,** so they can pay your real estate taxes during the discounted period.

2017 Dog Licenses *are available in the Tax office during regular hours. By law, dogs three (3) months and older must be licensed. We issue dog licenses for Cumberland County only.*

Spring Bargains for Seniors…Property Tax Rebates - Rebates are offered to Pennsylvanians 65 and older who are homeowners and total income from all sources is less than $35,000 (including 1/2 of your social security). If you are a senior 65 and older and are renting, your total income must be less than $15,000 from all sources (including 1/2 of your social security). Funds for the tax rebates come from the Pennsylvania State Lottery. Forms are available in the Tax Office. If you desire assistance in completing the forms, please call me at 737-5671.

Tax Office Hours: Monday, Tuesday and Thursday, from 10 am to 2 pm or by appointment.

If you stop by the Tax Office during the days it is closed, feel free to drop your payment in the gray box located next to the flagpole. You may also mail your payment. If you would like a paid receipt for your taxes, PLEASE include both copies of your tax bills and a self-addressed, stamped envelope, so I can mail your receipt back to you.

The Tax office will be closed: May 22-26 and June 12-23

"Professional, Yet Personal…That's My Bottom Line"

Tax Collector Disclaimer:

The Tax Collector of Lower Allen Township is a separately elected position, and does not work for the Commissioners or the Administration Department. While the Commissioners provide an office for the Tax Collector in the Township Municipal Services Center, the Tax Collector sets her own hours. The Tax Collector may be reached by calling 737-5671.

SCOUT NEWS



Sam Spalla, son of Samuel and Melissa Spalla of Lewisberry, completed his Eagle Scout project at the Lower Allen Community Park. Sam is a member of Boy Scout Troop 312 in Lewisberry. Sam painted the restroom/concession building at the LACP, as well as adding some new signage and landscaping.

Vincent Pham, son of Chin and Rachel Pham of Camp Hill, was awarded the rank of Eagle Scout at a ceremony on Sunday, January 22nd. Vincent is a member of Boy Scout Troop 195 in Mechanicsburg. Vincent built new benches and picnic tables in the campsites located off the Garstad Nature Trail along the Yellow Breeches Creek. Vincent was presented with a Resolution adopted by the Board of Commissioners honoring him for his achievement.

Jonathon Pastor, son of John and Sharon Pastor of Allendale, will be awarded the rank of Eagle Scout at a ceremony on Sunday, April 30th at Grace Lutheran Church. Jonathon is a member of Boy Scout Troop 54 in Lower Allen Township. Jonathon built benches, a recycling unit, and a historical marker sign, and planted trees at the Lowell Lane entrance to the Beacon Hill Radar Site Park. Jonathon will be presented with a Resolution of the Board of Commissioners honoring him for his achievement.

FREDRICKSEN LIBRARY • WEST SHORE RECREATION NEWS

It's time to VOTE for Simply the Best Library 2017! If you have enjoyed programming Fredricksen Library has offered, borrowed books, cds and dvds, utilized our free internet computers, learned something new at a workshop, or just needed a beautiful place to get away, please take the time to vote for us for Harrisburg Magazine's Simply the Best Library! Voting ends April 17.

FRIENDS SPRING BOOK & MEDIA SALE **April 20 through April 23,** Please come out and support your library at the Friends Spring Book & Media Sale. New this year is a special Children's Book Extravaganza in the Library Atrium!
Thursday, April 20 from 2:00 pm to 8:30 pm – Special Preview Sale for members of the Friends!
Friday, April 21 from 9:00 am to 8:30 pm, Saturday, April 22 from 1:00 pm to 5:00 pm, Sunday, April 23 from 1:00 pm to 4:00 pm – BAG SALE!

FREDRICKSEN LIBRARY BIKE RAFFLE Fredricksen Library will again hold a Bike Raffle to kickoff Summer Reading 2017! Through the generosity of sponsor, Holmes Cycling & Fitness, the lucky winner will have a choice of bikes (with a value of up to $450). Tickets are now on sale at $5/ticket, $12/three tickets. The drawing will be held in early June.

BLUEBERRIES AND BOOKS FUNDRAISER Starting May 1 you can order your fresh New Jersey blueberries to benefit the library. A 10 pound box is still just $30. Pick up will be on June 29 – just in time for your July 4th picnics!

We have a variety of programs and activities for all ages taking place this spring at the library! Visit our website at www.fredricksenlibrary.org for a complete list of events.
Be sure to follow us on social media to stay up-to-date on our happenings. Look for us on Facebook, Instagram, Twitter and Pinterest.

Fredricksen Library 100 N. 19th Street Camp Hill, PA 17011 717-761-3900

SPRING . . . *the perfect season to put your plans into motion!*

West Shore Rec is committed to providing an array of activities that will enhance your life,
whether it be your physical health, or the ability to learn a new skill.
Here are just a few highlights offered this SPRING!

Booty Barre
Insanity
Happiest Hour Yoga
Ballroom Dancing
Fun
Belly Dance
Pi-Yo
Adult Golf

Spring into Shape

Tabata/Pilates
RIPPED
Step Challenge
Zumba Step
Hydro Hike
Water Workout
Adult Tennis/Pickleball

Small changes can make a big difference. Do it for YOU!

Kids, March into Spring with Kinderdance, Youth Yoga, Youth Horsemanship, Martial Arts, Machine Makers, Radical Racers, Soccer, Tennis, Golf and Basketball, And so much more!

WHAT IS YOUR CHILD DOING THIS SUMMER?

Playzone Summer Day Camp 2017 is a quality, structured day camp experience that will keep your child engaged and active this summer. Our program includes organized activities and special events such as games, arts & crafts, swimming, field trips, sports, special visitors, educational activities and more. Spaces are limited, Register Early.

Summer Blast – A half day Camp for Children 6 years of age through 12 (who have completed kindergarten through 5th grade) are invited to enjoy fun games, activities and crafts in an outdoor setting.

SOUTHERN MAINE WINDJAMMER FESTIVAL

Celebrate this annual event when Booth Bay Harbor is graced with elegant Windjammers from up and down the coast to honor its maritime history!

This is just one of many exciting destinations we offer this year. Some of the other bus trips include: Lilac Festival on Mackinac Island, MI, Montreal & Quebec, Canada, Fall Foliage in Vermont, Kentuck Knob & Falling Water just to name a few. Check out the TRIPS page for more exciting destinations!

Visit **West Shore Recreation** at www.westshorerec.org or call 920-9515 for more details.

LOWER ALLEN TOWNSHIP

Founded 1850

2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011





Primary Election Day is Tuesday, May 16th, 2017.

Polls are open from 7:00 AM to 8:00 PM

Don't forget to vote!

2017 Newsletter Subscription Form

Yes! I am enclosing $5.00 with this completed form. Sign me up today for delivery of the Township News to my mail box, for a one time payment of only $5.00 for the entire year of 2017.

Name:_____**Phone#:** _____

Address: _____

Spring 2018

TOWNSHIP NEWS

Lower Allen Township · 2233 Gettysburg Road · Camp Hill , PA 17011



Board of Commissioners
Seated L to R: Richard F. Schin, Carolyn Holtzman, and Dean W. Villone; *Standing L to R*: President H. Edward Black, Vice President Jack. R. Simpson, Jr.

Inside this issue:

Directory of Services, Calendar at a Glance, Newsletter Ads, Officials in Action	*Pages 2-3*
Deck Safety, Pool Safety	*Pages 4-5*
Sump Pump Issues, Allendale Entrance Upgrade, 2018 Construction News	*Pages 6-7*
Lisburn Community Fire Company Event,	*Pages 8-9*
Ambulance Subscriptions, Employee Recognitions, LA Alerts	*Pages 10-11*
Building Safety Month, Vector Control, 811 Safe Dig Month, Gardeners Gathering	*Pages 12-13*
LACP Events, Lower Allen Easter Egg Hunt, Employee Professional Recognition	*Pages 14-15*
Bulk Items, Trash, Yard Waste, Stormwater, Leaf Compost & Wood Chips	*Pages 16-17*
Tax Office, New Township Business, Fredricksen Library, WS Rec Commission	*Pages 18-19*

What are those marks on my sidewalk?

Lower Allen Township residents want a walkable Township. In the survey conducted in Spring of 2017 as part of the Comprehensive Plan, increasing and improving pedestrian and bike connections throughout the Township ranked as one of the top goals. That goal includes improving conditions on existing pathways, like our sidewalks.
"All owners shall keep the sidewalk immediately in front of his property in good order and repair," as stated in Chapter 187, Article II of Lower Allen's codified ordinance https://ecode360.com/11212195.

This is for several reasons:

- **Safety**: deteriorating conditions or heaving can cause tripping hazards
- **YOUR liability**: if a person falls on the sidewalk on your property, YOU, the property owner can be personally liable
- **General upkeep**: well maintained properties look nice and hold their value
- **Walkability**: sidewalks encourage people to walk, offering an alternative means of transportation and exercise

Lower Allen Township Code Enforcement officers are tasked with inspecting sidewalks for:

- Heaving- uplifting or uneven surfaces
- Cracking- pieces of the sidewalk which have fallen away creating holes or pits
- Spalling- the top smooth layer of concrete has worn away exposing the bumpy aggregate

Unsafe conditions in the sidewalk are marked with pink spray paint using x's to mark where resurfacing is needed or dots where possible other solutions may work to remedy the situation

What happens after my sidewalk has been marked?

- You will receive a letter in the mail from Township staff, notifying you of the condition.
- You will have sixty (60) days to repair the sidewalk.
- You might need to hire a contractor to make the repairs or you might be able to make the repairs yourself, depending on the condition of the sidewalk and your skill level. Staff can advise you about potential solutions.

Costs

- You, the property owner, will be responsible for the cost of repairs.
- Repairs can range from $5.95 for caulk to potentially $130 per cubic yard for concrete replacement. A contractor might even be needed, depending on the type and square footage of the repair.

(continued on pa 9.)

DIRECTORY OF SERVICES

Lower Allen Township
2233 Gettysburg Road • Camp Hill, PA 17011
Phone: 717-975-7575• Fax: 737-4182• www.latwp.org
Monday-Friday: 8:00 pm to 4:00 pm

Tax Office - Phone: 717-737-5671
Hours: Monday, Tuesday, Thursday 10:00 am - 2:00 pm

KEY STAFF	EXT #
Thomas G. Vernau, Jr., Manager	1001
Erin G. Trone, Assistant Manager and Director of Community and Economic Develop-	1002
Donna Paul, Human Resources, Recycling Coordina-	1402
David L. Holl, Director of Public Safety	1601
Leon Crone, Police Captain	1515
Daniel Flint, P.E., Township Engineer and Director of Pubic Works	1101
Richard Grove, Finance Director	1202
Bob Nailor, Public Works Coordinator	2106
David Murdoch, Fire Chief, Lower Allen Fire Co. No.	1302
Josh Keller, Fire Chief, Lisburn Community Fire Co.	717-766-3994

IMPORTANT NUMBERS

Emergency Police • Fire • EMS	9-1-1 (24-hours a day)
Non-Emergency & After Hours	717-238-9676
Poison Control Center	1-800-222-1222
PPL	1-800-342-5775
UGI	1-800-962-1212
PA American Water	1-800-565-7292
Lower Allen Sewer Authority	717-774-0610
Penn Waste (Trash & Recycling)	1-866-575-8720
Trash Complaints - call the Township	717-975-7575, ext. 1203
Cleve J. Fredrickson Library	717-761-3900
New Cumberland Public Library	717-774-7820
Joseph T. Simpson Library	717-766-0171
West Shore Recreation Commission	717-920-9515
Representative Sheryl Delozier 2929 Gettysburg Rd., Suite 6, Camp Hill, PA 17011	717-761-4665
Senator Mike Regan 1 East Harrisburg Street Dillsburg, PA 17017	717-432-1733
U.S. Representative Scott Perry	717-635-9504
U.S. Senator Robert Casey, Jr.	717-231-7540
U.S. Senator Pat Toomey	717-782-3951

CALENDAR AT A GLANCE

All meetings are held at the
Lower Allen Township Municipal Services Center
(unless otherwise noted)

APRIL

5	Sewer Authority	7:30 pm
9	Board of Commissioners	7:00 pm
16	Development Authority	6:00 pm
17	Planning Commission	7:00 pm
19	Zoning Hearing Board	7:00 pm
23	Board of Commissioners	7:00 pm
25	Recreation and Parks Board	7:00 pm
28	Gardeners Gathering—LACP	10:00 am

MAY

3	Sewer Authority	7:30 pm
14	Board of Commissioners	7:00 pm
13	LCFC Mothers Day Roast Beef Dinner	11—2 pm
16	Planning Commission	6:00 pm
17	Zoning Hearing Board	7:00 pm
21	Development Authority	7:00 pm
7-11	Tax office	CLOSED
23	Recreation and Parks Board Park Tours	6:00 pm
28	Memorial Day	CLOSED
29	Board of Commissioners	7:00 pm

JUNE

7	Sewer Authority	7:30 pm
11	Board of Commissioners	7:00 pm
18-29	Tax Office	CLOSED
13	Recreation and Parks Board Park Tours	6:00 pm
18	Development Authority	6:00 pm
19	Planning Commission	7:00 pm
21	Zoning Hearing Board	7:00 pm
25	Board of Commissioners	7:00 pm
27	Recreation and Parks Board Park Tours	6:00 pm

JULY

4	Independence Day	CLOSED
5	Sewer Authority	7:30 pm
9	Board of Commissioners	7:00 pm
16	Development Authority	6:00 pm
17	Planning Commission	7:00 pm
19	Zoning Hearing Board	7:00 pm
23	Board of Commissioners	7:00 pm
25	Recreation and Parks Board	7:00 pm





ATTENTION: **Businesses and Organizations, let us help you get your information in front of many Township News readers.**

Price	Ad Size	# of Issues
$250.00	(3 1/2 x 2)	4
$75.00	(3 1/2 x 2)	1
$600.00	(6 1/2 x 4)	4
$175.00	(6 1/2 x 4)	1

To arrange for your ad to be published in the next quarterly issue, available in July, call 975-7575, ext. 1003 or email hgrundon@latwp.org.

WEST SHORE MEALS ON WHEELS
MAY WE SERVE YOU?

We've delivered meals to the elderly and shut-ins since 1970. Serving Camp Hill, Lemoyne, Wormleysburg, New Cumberland and portions of Lower Allen and East Pennsboro.

Call for Details:

Office weekdays 9:30-11:00
717-737-3924
OR
Sally Goas 717-761-3104



OFFICIALS IN ACTION

The Board of Commissioners approved the following:

RESOLUTIONS

2018R-01 *Electing a Township Secretary, appointing an Assistant Secretary, and establishing compensation. (adopted 1-2-18)*

2018-R-02 *Appointing the Township Manager. (Adopted 1-2-18)*

2018-R-03 *Recognizing Thomas E. Gelnett for 25 years of service. (Adopted 1-8-18)*

2018-R-04 *Authorizing participation by Lower Allen Fire Company #1 and Lisburn Community Fire Company in the Federal Surplus Distribution Program. (Adopted 1-22-18)*

2018-R-05 *Appointing a Parks Superintendent in the Public Works Department. (Adopted 1-22-18)*

2018-R-06 *Appointing an Emergency Medical Technician II in the Public Safety Department. (Adopted 2-12-18)*

2018-R-07 *Appointing an MS4 Coordinator to the Community and Economic Development Department. (Adopted 2-12-18)*

2018-R-08 *Amending Resolution 2017-R-41, which established 2018 fees and charges authorized by various Ordinances and statutes for administration for Township business in accordance with these Ordinances and statues, by specifying the publication date of the International Code Council Building Valuation Data Table that must be utilized in the formula for computing a Uniform Construction Code Permit Fee for new buildings. (Adopted 2-12-18)*

2018-R-09 *Recognizing, commending and honoring John Tkac for the attainment of the Active for Life Status with Lower Allen Fire Company #1. (Adopted 2-26-18)*

2018-R-10 *Adopting the Comprehensive Plan 2017. (Adopted 2-26-18)*

2018-R-11 *Recognizing Kenneth R. Rocuskie for 35 Years of Service. (Adopted 3-26-18).*

ORDINANCES

2018-01 *an ordinance authorizing the acquisition of land owned by Joseph B. Catrambone, Jr. for flood plain management.*

DECK SAFETY

RESIDENTIAL DECK SAFETY TIPS



A properly constructed and maintained deck can provide a great place to enjoy many hours of outdoor leisure time. A poorly constructed and/or maintained deck can cause bruises, sprains and fractures, or worse.

Deck failures are becoming more frequent in the U.S. due to aging structural materials on older decks, excessive loading (such as hot tub placement with inadequate structural support), and as a result of improper deck construction methods. A web search of "residential deck failures" will show you prime examples of what can go wrong with a deck. Thankfully, this same search will yield a wealth of information about code-compliant deck design and installation, as well as maintenance recommendations.

If you have an existing deck, check for loose, corroded or missing connections. Inspect metal connector plates and joist hangers, screws, nails and bolts. Look at all locations where lumber components of the deck are connected to something—joist to house, joist to beam, beam to post, and post to footing. Also check for significantly cracked or rotten wood, loose deck boards, loose or improperly spaced fall protection (guards and rails), missing or hard-to-grasp handrails, and improperly built stairs.

If you are planning to reconstruct or alter an existing deck, or build a new one, here are some important requirements:

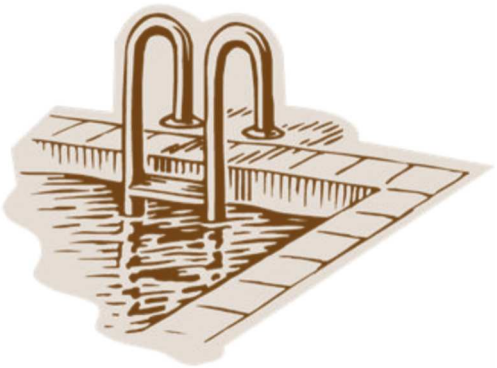
- Current wood preservatives are generally less toxic, but more corrosive than preservatives used when chemically decay-resistant lumber was first introduced. Aluminum flashing between the house and deck, and lightly galvanized steel connectors, can become badly corroded in just a few months. Ask your lumber and hardware supplier to verify compatibility of materials, or use stainless steel connectors and corrosion resistant flashing.
- Where no portion of a deck is greater than 30 inches above the surrounding ground surface, fall protection is not required; however, installation of guards and rails is still recommended.
- A construction permit is not required when a deck will be self-supporting (not attached to the house) and will have no portion greater than 30 inches above the surrounding ground surface; however, a zoning permit is required for all new decks and deck enlargements.
- A zoning permit is required to verify that the deck does not exceed allowable encroachment into required yards (too close to a property line). If the deck construction will not allow precipitation to pass through and soak into the ground, we also verify that the deck area will not cause property improvements to exceed the allowable limit of impervious lot coverage.
- A construction permit is required for new decks (except as noted above), structural repairs, additions, and alterations to required safety components. You will need to submit stair, rail and guard details, framing and load path connection plan, materials list, cost estimate and site plan.

You can download a General Permit Application and a code compliance checklist for decks on the Community and Economic Development Department (CED) page at www.latwp.org. The form and checklist should also be used to request zoning approval as explained above.

The American Wood Council publishes an excellent resource, the Prescriptive Residential Deck Construction Guide (DCA-6). This guide is compatible with the 2009 edition of the International Residential Code, the building code currently used in Pennsylvania. A free download is available at www.awc.org. Open the "Education" tab, then under the Codes and Standards heading, click "Free Publications". You will find DCA-6 under the heading "Design for Code Acceptance (DCA) Series".

If you need assistance to plan the installation, repair or alteration of a deck, please contact the codes enforcement staff in the CED Department. May is International Building Safety Month, so why not improve your peace of mind by scheduling a free deck safety inspection with one of our certified construction code officials.

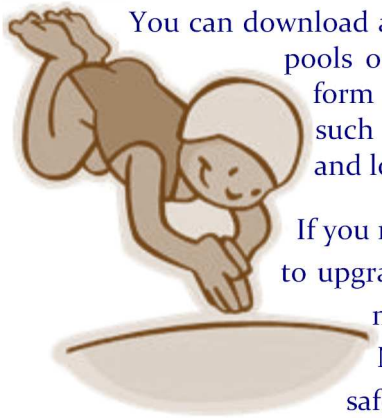
SWIMMING POOL SAFETY ALERT



Because the outdoor swimming season is approaching, we are urging our readers to become familiar with pool safety regulations. Whether you already own a pool, are thinking of purchasing one, or enjoy the pool of a neighbor or friend, observing these safety guidelines could prevent an accidental injury or death.

The PA Uniform Construction Code (UCC) regulations adopt standards published by the International Code Council pertaining to design, structural, electrical, plumbing and safety barrier aspects of swimming pools, hot tubs and spas. The Lower Allen Township Community and Economic Development Department (CED) staff enforces these regulations through the plan review, permit and inspection process. Here are some essential UCC requirements:

- **The UCC applies to any structure intended for swimming or bathing that contains water over 24" deep**, including pools that are in, on or above-ground, hot tubs and spas. Portable and permanent installations are regulated.
- **Providing and maintaining an adequate barrier is essential to restrict pool access, which minimizes the chance of accidental drownings. Many drowning victims are residents or guests of the household where the pool is located, so a barrier or door alarms are also required between the home and the pool.**
- Many hot tubs and spas are sold with cover assemblies that provide the required safety barrier. Otherwise, a barrier of at least 4' high must be provided for all types of pools. Self-closing and self-latching gates must swing outward. Latch locations and fence openings are regulated to make it difficult for small children to open gates, or to climb through or over safety barriers.
- The side walls of above-ground pools do not meet this barrier requirement if they are less than 4' high, or if pool access is provided by an adjacent elevated deck. Please remember to remove ladders or lock them in the upright position when an above-ground pool is not in use.
- Code compliance for portable pools, hot tubs and spas can be as simple as assuring that the required barrier is provided, the water supply is protected from back-flow (no protection can cause contamination of drinking water), and the electrical supply is equipped with a ground fault current interrupter (protects against electrocution).
- In-ground pools and permanent above ground pools must also meet other standards for bonding of metallic parts (electrical safety) and plumbing requirements (to ensure proper sanitation by the filter system, and entrapment protection at suction outlets).
- Safety glazing is required for any glass areas near a pool, and there are restrictions on locations of electrical receptacles, fixtures and overhead power lines.



You can download a General Permit Application and a code compliance checklist for swimming pools on the Community Development Department page at www.latwp.org. The form and checklist also cover zoning regulations that apply to swimming pools, such as percentage of lot coverage, setback distance from side and rear lot lines, and location outside of flood hazard areas.

If you need assistance to plan the installation of a new swimming pool or would like to upgrade the safety aspects of an existing pool, please contact the codes enforcement staff in the CED Department. May is International Building Safety Month, so why not improve your peace of mind by scheduling a free pool safety inspection with one of our certified construction code officials.

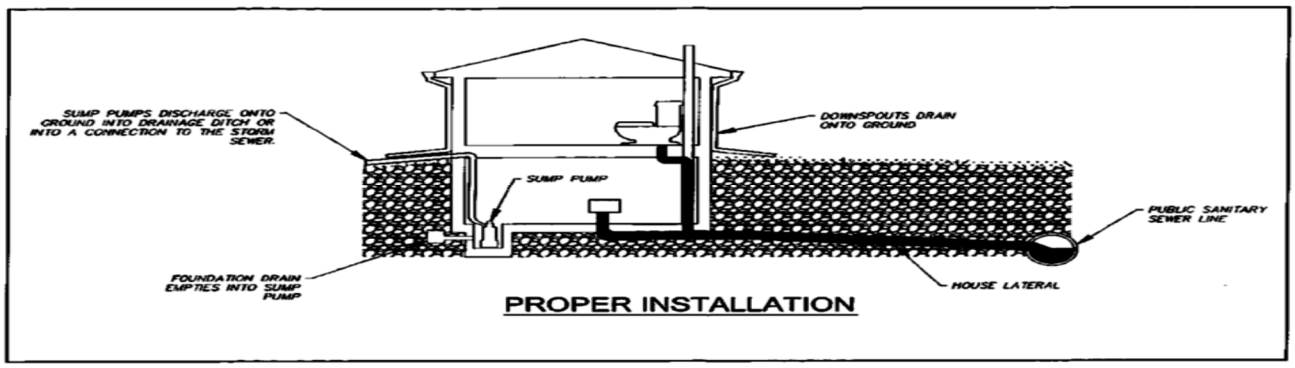
Sump Pumps Cause Big Sewer Problems!

Sump pumps connected to the sanitary sewer are illegal and cause big problems! Sump pumps are designed to pump groundwater and rain water. Sanitary sewer pipes are designed to carry sewage, not groundwater and rain water.

An eight-inch sanitary sewer pipe in the street will have a flow capacity of about 300 gallons per minute. If more water tries to flow through the pipe in the street, the seweage will back up in the main line and start filling up the sewer lateral pipes serving homes.

A half-horse power sump pump illegally connected to a sewer lateral will pump about 60 gallons per minute to the sewer. If five sump pumps are connected to the sanitary sewer; it will be full and start backing up the sewer system.

Sump pumps should be discharged to the yard or stormwater system not the sanitary sewer system.



Allendale Entrance Mall Upgrade Completed



Lower Allen Township has several well-known developments that have been in existence for many years. These developments add to the rich Lower Allen history.

One such development is Allendale which was started in the 1950's and is known for its landmark entrance. Although the infrastructure (electric, water) received needed upgrades, the overall entrance appearance became dated. The entrance wall was replaced in the recent past due to ongoing maintenance issues, but residents discussed a more comprehensive update. The existing trees were nearing the end of their lives and reducing overall long-term care/maintenance were key considerations. Creating an eco-friendly environment for pollinators was another interest. After much discussion, it was decided to formally explore options. Residents initiated a multi-year, self-funded effort for a more complete Allendale entrance update through their Association.

After reviewing several proposals, PA Landscape Group was selected as the landscaping partner. They helped guide the effort with design options and plant selections to achieve the desired outcome.

This two-year effort was completed late last Spring (2017). It is the result of great teamwork between neighbors. We hope everyone visiting Allendale enjoys the updated look of our welcoming, well-lit entrance. Allendale residents are proud of where we live, and work hard to keep our development attractive.

2018 CONSTRUCTION PROJECTS

Projects Planned for 2018 Construction Season

These are some of the more significant projects planned in Lower Allen Township during the 2018 construction season:

Township Projects

LACP Paving – pavement recycling and resurfacing of drives and some parking areas in Lower Allen Community Park.

Street Paving

Pavement recycling and resurfacing on Cedar Cliff Drive and Green Lane Drive

Pavement resurfacing on West Shore Drive, Westport Drive, a portion of Capital View Drive, and a portion of Beacon Hill Boulevard.

LACP Barn HVAC Upgrade – replacement of heating, ventilation and air conditioning equipment in the rental areas of The Barn at Lower Allen Community Park.

Gettysburg Road Relocation – Construction of a new roadway connection, from the Gettysburg Road/Audubon Road intersection to the Wesley Drive/Century Drive intersection. Construction is scheduled to start later in 2018, with completion in 2019.

Township Authority Projects

Fair Oaks – construction of sanitary sewer lines in the Fair Oaks neighborhood, including Colonial Drive, Kylock Road and Woodbox Lane.

Seneca Avenue – replacement of a portion of the sanitary sewer main in the 4000 block of Seneca Avenue

PennDOT Projects

Spanglers Mill Road Bridge – replacement of the bridge carrying Spanglers Mill Road (SR 2031) over the Yellow Breeches Creek.

Lisburn Road Bridge – replacement of the bridge carrying Lisburn Road (SR 2017) over the Yellow Breeches Creek.

Other Projects

Lisburn Road Roundabouts – construction of two single-lane roundabouts, at the intersections of Lisburn Road/Rossmoyne Road and Lisburn Road/Arcona Road.



Jeff Goas
Realtor
NAR, PAR, GHAR

Century 21 Realty Services

Century21 Realty Services
3315 Market Street
Camp Hill, PA 17011
Direct phone: 717-421-2649
Office phone: 717-737-2121
Email: Jeffgoas@century21.com
Web: www.century21rs.com

"We give of ourselves so that others may succeed!" That's what we do at Century21 Realty Services. As a life-long Lower Allen Township Resident with my office right here in Camp Hill, I know how to navigate the local market like nobody else. Whether you or someone you know is looking to buy or sell a home or would just like real estate questions answered, please contact me, Jeff Goas your home town full-time realtor. I provide the best results and am here to help!

Lisburn Community Fire Company

APRIL 12TH- 10AM-9PM Lisburn Day at ISAAC'S

ROSSMOYNE ISAAC'S will be holding a "Community Day" for Lisburn Community Fire Company. Enjoy an evening out with your family and friends while supporting your local fire company. Twenty-five percent (25%) of the cost of your meal will go directly to the fire company to help pay for the new tanker.

WHERE: Rossmoyne Business Center—4940 Ritter Road, Mechanicsburg

WHEN: Thursday, April 12, 2018, 10:00 a.m. – 9:00 p.m.

Fire Tanker will be there from 5-7pm

HOW: Bring this flyer with you or show it on your phone, complete the information and hand to your server.

LISBURN COMMUNITY FIRE COMPANY

Please complete this information for your server.

Name:_____

# of People in Party:_____ Cost of Meal (excluding tax):_____

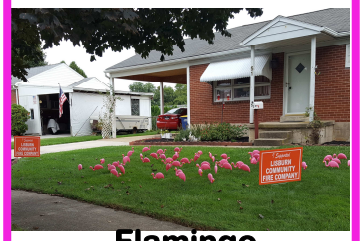
In order to maximize the amount of donation for us, Isaac's asks Loyalty members to kindly refrain from using their number during fundraisers. Meal Deals, Coupons, Discounts, and Loyalty Perks are not valid during Fundraisers.

Add an Isaac's Gift Card to your check and 15% of the gift card sale will be added to the fundraiser! Gift card must be used on future visit.

August 2018

	Wed	Thu	Fri	Sat
65th Annual Lisburn FESTIVAL- Mark your calendars				
	8	**9**	**10**	**11**





Flamingo Flocking Season

See our website and Facebook for more details

SIDEWALK REPAIRS • COMPREHENSIVE PLAN 2018

What are those marks on my sidewalk?

(continued from front page)

Costs

- Often, the sidewalk repairs can feel like an unplanned expense. The Township does not wish to create undue hardship, but the Township is tasked with promoting safe conditions.
- If done properly and the underlying cause of the sidewalk deterioration is handled, then the sidewalk can last an average of 30 years.
- If you are concerned about an unplanned expense, review your own sidewalk conditions or call Engineering Technician Ray Allen (717) 975-7575 and ask him to inspect it, and then you can budget for the project in advance. There is no need to wait until the Township sends a letter.

Targeted Areas

Each Spring Lower Allen Codes Enforcement staff inspect sidewalk conditions in specific neighborhoods. The targeted neighborhood is often one about which staff has received complaints regarding sidewalk conditions. This spring Lower Allen will be inspecting the western portion of Highland Park, the area between 18th Street and Lowther Road.

Staff also responds to complaints about sidewalks anywhere in the Township and has the authority from the Code to request repairs to any unsafe sidewalk condition. If you see staff inspecting or marking the sidewalk, please be courteous. Their job is to keep the Township safe. They will be happy to answer any questions you may have.

In the year 2019 staff plans to focus on the eastern portion of Highland Park. In recent years, the Allendale and Rossmoyne neighborhoods have been reviewed for sidewalk safety.

Comprehensive Plan 2018

Lower Allen Township Commissioners adopted the updated Comprehensive Plan on February 26, 2018 at a Public meeting. The adoption was the final step in the year-long planning process. The main goals of the plan include:

1. Enhance the Township's existing residential neighborhoods and community parks
2. Promote a balance of open space preservation and the development and redevelopment of commercial and industrial areas
3. Expand pedestrian and bicycle connections throughout the Township
4. Improve and maintain the Township's existing transportation infrastructure

The goals were determined through a public engagement process which consisted of:

- A Citizen Advisory Committee which vetted the goals and was an advocate for the plan
- An online survey which received 650 responses
- Stakeholder and focus group meetings with Township staff, relevant agencies, and businesses
- Visioning Week which consisted of six public meetings held in various locations throughout the Township

Each goal consists of an action plan that identifies the party responsible for the implementation of that action item. Furthermore, the Township has been broken into four sections to highlight the goals in different areas of the Township. The four areas are named for the major roadways located in them:
-Wesley Drive/Gettysburg Road Study Area
-US 15/Central Study Area
-Carlisle Road/I-83 Study Area
-Lisburn Road Study Area

By breaking the Township into study areas, residents can easily locate the section of the Comprehensive Plan that is most relevant to them. The full Comprehensive Plan and the Executive Summary can be found on the Lower Allen Township Webpage under the Community Development tab. If you have any questions you may contact Erin Trone, Assistant Manager.



Ambulance Subscription Renewals

The 2018 Ambulance Subscription Renewals were mailed out in December. Ambulance Subscriptions are good for the calendar year of 2018. The Board of Commissioners set the Subscription rates for 2018 at $70 for a Single Subscription and $85 for a Household Subscription. If you did not receive a subscription form, or if you have any questions please contact Bev Putric at 975-7575, ext. 1205.

Why have a subscription? The cost of a trip in an ambulance is very high and insurance generally does not pay the full bill. By becoming a subscriber, if you call 911, are transported to a hospital and the transport is deemed medically necessary, Lower Allen EMS will accept the insurance company payment as payment in full for your first trip. Subscriptions do ***not*** cover routine transportation, transportation for stretcher or wheelchair, or transportation that is not medically necessary. You are responsible for additional mileage costs if you are transported past the closest appropriate facility.

TOWNSHIP EMPLOYEES REACH MILESTONE

Lower Allen Township is proud to recognize the following employees for their years of service. The employees were formally recognized at a recent Board of Commissioners meeting. All of our employees provide a valuable service to the residents and we hope you'll join us in applauding their milestones.

NAME	*YEARS/HOURS*	*STATUS*	*JOB TITLE*	*DEPT.*
Justin Kirsch	2,500 Hours	part-time	Community Service Officer	Police
Jackie Dougherty	10 Years	full-time	Emergency Medical Technician	EMS
Wendy Hayden	10 Years	full-time	Administrative Assistant/ Event Planner	Public Works
Raymond Allen	10 Years	full-time	Engineering Technician	CED
Richard Grove	15 Years	full-time	Finance Director	Finance
Matthew Claeys	15 Years	full-time	Corporal	Police
Thomas Gelnett	25 Years	full-time	Patrol Officer	Police

Part-time employees are recognized for hours of service or years of service, whichever comes last; therefore, their recognition year may not be reflective of the number of years they have been employed.

Retirement After Thirty-Four Years

On February 5, 2018, David W. Ramsey retired after completing thirty-four years and two months of service with the Lower Allen Township Authority. Dave started employment as an operator, was a DEP certified Class A wastewater licensed operator, and provided leadership as the Superintendent/Assistant Manager for the last sixteen years. He was involved in numerous sewer collection system and treatment facility upgrade projects.

The Authority Board appreciates Dave's commitment and dedication to his work over his many years of service. Dave has indicated he plans to enjoy his retirement by keeping busy with grandparent duties, following his favorite sports teams, getting back into golf and relaxing around the pool.

LA ALERTS

Lower Allen Township announces a NEW 'Community Notification System'

In April 2017, we retired the old system used to make community notifications for emergencies as well as general notifications of Township activities. The retired system was largely based upon landline phone numbers contained in the "White Pages" database. As landlines continue to decrease and become less reliable for immediate notifications, it became essential to shift to a mobility based system that provided for a resident's self-determination of a variety of contact options.

With the new system, referred to as "**LA ALERTS**", you will be able to add the phone numbers (landline and cell phones), email addresses, and text numbers where you wish to be contacted for various notifications. You will also be able to select groups you wish to be included in for emergency and/or routine messaging.

Subscribing is easy! Simply go the Township web page at www.latwp.org and click on **LA Alerts** under the Police & Public Safety News link. Here you will be able to create an account and list the phone numbers and email addresses you wish to be included as contacts. You can also then choose the level of contact and join contact groups. If you have any difficulty you can also subscribe by calling us at 717-975-7575 Ext. 1602 and we will assist you in registering. You may also choose to complete the form at the bottom of this page and mail to Lower Allen Township, 2233 Gettysburg Road, Camp Hill, PA 17011, Attn: LA ALERTS (or use the drop box near the flag pole in our parking lot).

You will not receive EMERGENCY or other notifications unless you subscribe to the **LA ALERTS** system. Do not hesitate. **Subscribe today!**

Please PRINT

I am a Lower Allen Township: ___Resident___Business

NAME AND ADDRESS

Resident or Business Name: _____

Street Address: _____

Apartment or Suite #:_____ City: _____ Zip: _____

PHONE AND EMAIL

Phone (HOME): ( ) ____-_____

Phone (CELL): ( ) ____-_____ Circle One (TEXT or VOICE) EMAIL: _____

Phone (CELL): ( ) ____-_____ Circle One (TEXT or VOICE) EMAIL: _____

Phone (CELL): ( ) ____-_____ Circle One (TEXT or VOICE)

GROUP SUBSCRIPTIONS

I would like to subscribe to the following groups: ___ Emergency Alerts ___ Flood Plain Alerts ___ TMI Alerts

___ Leaf/Trash Pick-up ___ Weather Alerts ___Township Newsletters/Events ___ LA Business Owner/Operator

BUILDING SAFETY MONTH • VECTOR CONTROL • 811 SAFE DIG

MAY IS BUILDING SAFETY MONTH

May is Building Safety Month. May is the time to remember the dedicated members of the International Code Council. The Council brings together local, state and federal officials with expertise in the construction environment to create and implement the highest-quality codes in order to protect Americans from building failures. These buildings are where we live, learn, work, worship and play. The codes established by the Council are the most widely adopted building safety, energy and fire prevention codes in the nation. These building codes also include safeguards to protect the public from natural disasters such as hurricanes, snowstorms, tornadoes, wildland fires, floods and earthquakes.

Building Safety Month encourages appropriate steps everyone can take to ensure that the places where we live, learn, work, worship and play are safe and sustainable, and recognizes that countless lives have been saved due to the implementation of safety codes by local and state agencies. Residents are asked to consider projects to improve building safety and sustainability at home and in the community, and to acknowledge the essential service provided to all of us by local and state building departments, fire prevention bureaus and federal agencies in protecting lives and property.

Join us in thanking our Community Development Department for all their hard work in keeping our Township and residents safe. Great Job!

A Note from the Cumberland County Mosquito Control Program:

New Public Health Technician for the 2018 mosquito season:

Marcus Snyder
Public Health Technician
310 Allen Road Suite 701
Carlisle, PA 17013
717-240-7808 717-448-5405
mtsnyder@ccpa.net

Mr. Snyder will coordinate the County/PA DEP Mosquito-borne Disease Program.
He has experience in high population mosquito control from two years working in Franklin County as a technician for that program. **Stay informed** on future mosquito adult spray events by signing up for "**Notify Me**" emails at https://www.ccpa.net/list.aspx

Please take time to visit our website to learn more about mosquitoes and our Mosquito control program including prevention habits and eliminating breeding opportunities in residential areas. https://www.ccpa.net/westnile

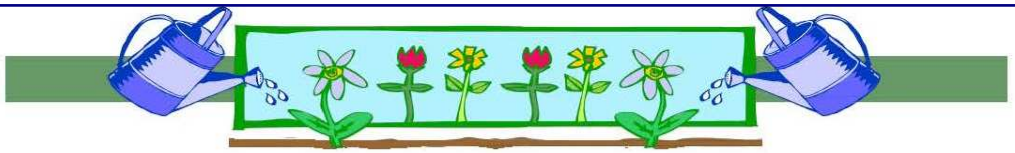
APRIL IS PENNSYLVANIA 811 SAFE DIGGING MONTH

April 2017 is recognized as "Pennsylvania 811 Safe Digging Month" across our Commonwealth, an initiative supported by Pennsylvania 811, a utility notification information center more commonly known as Pennsylvania One-Call. PA811 is celebrating its 45th year of continuous service to the Commonwealth of Pennsylvania.
This unique service provides an easy to use one-call notification about excavation projects which may endanger workers and jeopardize utility lines while promoting workplace and public safety, reducing underground utility damage and minimizing utility service interruptions while protecting the environment.

The Pennsylvania One-Call System began with only six utility companies in Western Pennsylvania and now serves more than 100,000 excavators and 3,600 critical underground infrastructure owners throughout the Commonwealth. The service annually receives more than 800,000 notification requests and transmits more than six (6) million notifications, providing protection to utility companies, their employees, customers, and the general public.

With economic development throughout Lower Allen Township and Pennsylvania growing, it is important to minimize the damage to underground utility lines, danger to workers, environmental pollution, and the loss of utility services. We encourage all residents, engineers, designers, excavators and homeowners to Dial 8-1-1 at least three business days in advance of an excavation project such as planting a tree, installing a mailbox post, building a deck or swimming pool or replacing a driveway.

GARDENERS GATHERING



14th Annual
Lower Allen Township
Gardeners Gathering

When: **Saturday April 28, 2018**
10:00 AM – 1:00 PM
Where: **Lower Allen Community Park**
4075 Lisburn Road, Mechanicsburg, PA 17055
(Event held Rain or Shine!)

Barn Workshop – Upper Level

10:30 AM ***Community Solutions for Stormwater: What are MS4s and How Can I Help?***

Becky Davis, our Township MS4 Coordinator, will educate participants on township requirements for stormwater discharges and outline the MS4 program requirements for Lower Allen Township. She'll provide great ideas to reduce stormwater flows on-site at your home that, in turn, benefit the greater community. She will also discuss some "best practices" such as rain gardens, rain barrels, stormwater planters and other easy ideas for you to implement at home to benefit your garden!

Barn Workshop – Lower Level

10:30 AM ***The Do's and Don'ts of Planting and Mulching in your Garden***

During this session, we are happy to have Greg Black, owner/operator of Black Landscaping, with us to discuss the importance of proper planting and mulching methods for trees and shrubs that will ensure success in your garden's landscape. Participants will learn about selecting the right species for your soil type and moisture, the common mistakes made when planting, as well as how to mulch and protect the roots for proper care to extend the life of your valuable plantings.

Tot Lot Pavilion

12:15 PM ***Annual Plant Swap*** – How does it work? Bring your divided perennials *(in pots or containers, please)* between 10:00 am - 12:00 pm and receive a ticket per plant that you bring. At 12:15, we'll start "raffling off" each plant- you take one home for every one you give away! ***Limit 10 plants per participant.***

***There will also be plant giveaways and prizes thanks to our local business supporters!**

Join us for a fun-filled day of springtime excitement…and many thanks to our volunteer Recreation and Parks Board for their time commitment!

For questions, please contact **Wendy Hayden at Lower Allen Township, by calling (717) 975-7575, ext. 2104. You can also check the township website at www.latwp.org or find us on Facebook!**

LOWER ALLEN COMMUNITY PARK EVENTS

2018 Events—Tentative Listing
LOWER ALLEN COMMUNITY PARK

April: 3, 10, 17, 24	WSRC—Puppy Training Class (registration required) Fernlawn Pavilion, 5:30 om—7:30 pm
April: 28	Lower Allen Township's Gardener's Gathering Barn—Tot Lot Pavilion, 10:00 am—1:00pm
April: 28	USA Softball Tournament—Fields 1, 2, 3, 8:00 am to dusk
May: 26—28	PA Softball Tournament—Fields 1, 2, 3, 8:00am to dusk
June: 2	USA Softball Tournament—Fields 1, 2, 3, 8:00 am to dusk
June : 9	USA Softball Tournament—Fields 1, 2, 3, 8:00 am to dusk
June: 22—24	PA Softball Tournament—Fields 1, 2, 3, 8:00am to dusk
August: 2	Lower Allen Township's Yappy Hours Doggie Dugout-Dog Park 5:30pm to 7:00pm
October: 6—7	Dillsburg Soccer Tournament Upper, Keystone, Lower Pavilions 8:00 am to dusk Fields—Upper, Lower and Creekside 1, 2, 3, 4,

The Lower Allen annual Easter egg hunt, in the snow!

The event was held on Saturday, March 24th. Our policy is to hold events, rain or shine.....but SNOW?? The day turned out to be bright and sunny, the snow didn't hinder attendees from showing up for the Easter egg hunt. The children were bundled up and prepared with their baskets and bags. There were approximately 200 children and families who attended this popular event. Preparation for the big day always keeps us "hopping".

On behalf of the Township and The Recreation and Parks Board, we would like to thank the following sponsors for their generous donations and their commitment to the Community. **The Hershey Company, Fountainblu Skating Arena** and **Texas Road House**.



A **HUGE** thank you, to the residents at The Woods at Cedar Run, for volunteering their time to stuff the 3000 eggs for the event.





EMPLOYEE PROFESSIONAL RECOGNITIONS

TOWNSHIP EMPLOYEES LEADING THE WAY

The Board of Commissioners has always encouraged training and participation in professional associations for Township employees. They understand the importance of ongoing education, and what that can mean to the governance of the Township in terms of knowledge, ideas, and technique.

The Board recently recognized several staff members for appointments/elections to important positions in various boards and associations:

Daniel Flint, Township Engineer and Public Works Director. Dan was elected President of the Capitol Branch of the American Public Works Association. The APWA is a not-for-profit professional association of public works agencies, private companies, and individuals dedicated to promoting professional excellence and public awareness through education, advocacy and the exchange of knowledge. Dan was also recognized for his appointment as the Cumberland County representative to the Harrisburg Area Transportation Study Technical Committee.

David Holl, Public Safety Director. Dave was appointed by Governor Tom Wolf to the Pennsylvania Emergency Management Agency's 911 Advisory Board. David was also recognized for his appointment to the National Board of Directors of the Partnership for Priority Verified Alarm Response (PPVAR).

John Eby, Building and Zoning Coordinator. John was appointed Chairman of the Cumberland County Blighted Property Reinvestment Board. The Board was established for the purpose of eliminating blighting influences upon certain derelict properties which individually and collectively constitute a blight and nuisance in County neighborhoods.

Leon Crone, Police Captain. Captain Crone was elected President of the Pennsylvania Police Accreditation Coalition (PPAC). PPAC recognizes and supports the concept and practice of law enforcement accreditation to enhance the quality of law enforcement services in the Commonwealth of Pennsylvania.

Richard Grove, Finance Director. Rick was elected President of the Central Chapter of the Government Finance Officers Association of PA. GFOA-PA's mission is to enhance the education and development of finance professionals in Pennsylvania's governmental entities.

William Yeagley, Code Enforcement Specialist. Bill was appointed by Governor Wolf to the Uniform Commercial Code Review and Advisory Council (RAC). The RAC reviews new editions of model codes that are published by the International Code Council and determines, with public input, the code update content that should be adopted into the UCC. The Governor appoints 17 of the 21 RAC members, and all positions require a specific area of subject matter expertise. Bill was also recognized for his election as President of the PA Building Officials Conference, Region V.

Thomas Vernau, Township Manager. Tom was appointed to the Board of Trustees of the Keystone Municipal Insurance Trust (KMIT), a competitive self-insured worker's compensation alternative for Pennsylvania municipalities and authorities. KMIT formed to protect municipalities from the fluctuations of the standard insurance market and to maintain stable pricing and premium savings for its members.

These elections and appointments speak highly of the commitment to high-quality professional governance, not only in Lower Allen Township, but in all the Commonwealth of Pennsylvania. The Commissioners are extremely proud of the accomplishments of these members of the Lower Allen Township team.

BULK ITEMS · TRASH · YARD WASTE

BULK ITEM DISPOSAL

One bulk item per week can be picked up curbside by your trash hauler. For residents' convenience, four loads per household per calendar year, can be brought to the Public Works facility. **A $25.00 fee will be assessed for households exceeding their 4 load limit.** The business hours for dropping off items at Public Works is Monday – Friday between the hours of 7:00am – 3:00pm. For residents' convenience, the facility is open the second Saturday of the month 8:00am – 1:00pm, from April through November.

Bulk items - Household appliances, furniture, carpet and wooden items - (outdoor furniture, swings and landscaping timbers). Lawn mowers, will be accepted and must have the oil and gas and tires removed before disposal.

Shingles, concrete, dirt, paint, tires, oil, fuel, glass, pressurized tanks, TV's and Computer Equipment WILL NOT be accepted.

Please refer to the Cumberland County website, www.ccpa.net for recycling guidelines and disposal locations for electronics and hazardous materials.

Trash/Sewer Bill Payment Options

- **Mail:** Mail your payment with your remittance stub. If paying through your bank's online bill pay, please remember to include your sewer/trash account number on your check.
- **In Person**: Visit the Township building and pay by cash, check or credit card. If you don't have time to stop in, just swing your car around to our drop box located in the front of the building by the flag pole and drop your payment there. The mail is gathered from the box by 8am each weekday morning.
- **Credit Card**: Visit our website at www.latwp.org, call or stop in to pay by credit card. If paying on our website, enter GovPay in the search bar to find the link; there is a processing fee that applies to all credit card payments.
- **Automatic Payment**: An authorization form can be obtained on our website at www.latwp.org or by calling or visiting the Front desk at the Township building. By choosing this option, the Township will automatically deduct the quarterly bill from your account on time, every time. Just submit the signed authorization form along with a voided check and we will take care of the rest!

Curbside Yard Waste Collection

The Townships' yard waste recycling program will be starting in April and will be collected by your trash hauler on your regular trash day. Yard waste collection will proceed through the last week in November. Residents may bring their yard waste directly to the Public Works facility, located at 1400 St. Johns Road, Monday through Friday, between the hours of 7:00am – 3:00pm. The second Saturday drop off will be offered starting in April and ending in November**. Lower Allen households are limited to four loads of brush (yard debris) brought to Public Works per calendar year. A $25.00 fee will be assessed for households exceeding their 4 load limit.**

Landscape Contractors working at properties in the Township may haul yard waste generated at those properties to the Public Works facility when accompanied by the resident, or with prior approval. A contractor's yard waste permit is required to be purchased by contractors using the facility.



Yard waste consists of garden debris, leaves, sticks and branches and stumps (no larger than 14 inch diameter). Grass clippings and sod are **NOT** considered yard waste and should be bagged and put out with regular garbage, or composted.

Yellow yard waste bins should be used for smaller manageable amounts of debris. No trash bags or garbage may be mixed in with the yard waste. Branches must be bundled with twine or string, and not exceed 6 feet in length or 4 inches in diameter. Maximum weight is 45lbs. Yellow yard waste bins can be picked up at the Municipal Services Center during regular business hours. Unlimited amounts of yard debris may be placed curbside, using the previously stated guidelines.

Yellow Yard Waste Recycling Containers are available at:
Municipal Services Center, 2233 Gettysburg Road, Camp Hill, PA 17011
Between the hours of 8 am and 4 pm, Monday-Friday.

Limit one per residence. Additional or replacement containers available for a $10 fee.

STORMWATER · LEAF COMPOST & WOOD CHIPS

Pet Waste and Stormwater

Pet waste is a health risk to pets, people, and especially children. Pet waste is full of bacteria that if not properly disposed of can end up in our streams, lakes, and rivers. The bacteria can ultimately end up in our fish and aquatic life. The pathogens in pet waste can lead to a high biological oxygen demand in our streams and rivers causing algal blooms which deplete oxygen from the water and deprive aquatic life making it difficult to survive.

What can you do?

- Pick up your pet waste and place in a plastic bag. Ensure the bag is tied shut and dispose of properly.
- Clean up pet waste from your yard and dispose of properly. Pet waste is **NOT** a fertilizer.
- Avoid walking your pet near streams and waterways.

We love our animals but we must take responsibility for the waste they generate. Be proactive in protecting our environment! Pick up after your pet and dispose of the waste properly to make a positive impact on water quality in Lower Allen Township.

For more information on pet waste and what you can do to protect the environment visit: www.epa.gov/nutrientpollution

Consultant Conducting Stormwater Fee Study

The Township has contracted with Arcadis U.S., Inc. to conduct a study of the feasibility and implementation of a stormwater fee. This is in response to financial burdens placed on municipalities by regulations from U.S. Environmental Protection Agency and the Pa. Department of Environmental Protection regarding stormwater discharges.

As the study progresses throughout 2018, residents and property owners are encouraged to check for updates on the Township website and Facebook page. New information will be posted there as it becomes available and will also be presented at one or more meetings of the Board of Commissioners.

LEAF COMPOST AND WOOD CHIPS

Leaf compost and wood chips are available to Township residents for delivery or for self-loaded pick up, at the Public Works facility. All leaf compost and wood chip deliveries will be made on Thursday and Friday mornings, April through early November.

Deliveries will be made only on a prepay bases. Payment must be made prior to setting up a delivery date. All payment are to be made at the Municipal Services Center. When your payment is processed, you will be contacted for a delivery date. Delivery forms can be found on the Township website or can be filled out at the time of payment.

Please contact Wendy Hayden, Weekdays between 7am -3pm, 975-7575 Ext. 2104 or whayden@latwp.org

Wood chips and leaf compost are free if residents self-load them at the facility.

Delivery prices:

Wood chips - (3 cubic yds.) $15.00 (8 cubic yds.) $25.00

Leaf compost - (3 cubic yds.) $35.00 (8 cubic yds.) $50.00

TAX OFFICE • NEW TOWNSHIP BUSINESS

QUARTERLY TAX TIPS

It's time to spring into action, if you haven't already…The 2018 Township and Cumberland County real estate taxes were dated March 1st and mailed. You might've noticed a significant increase in the township real estate and fire services tax. The township hasn't had an increase since 2013.

Due to constant reselling of mortgages and frequent homeowners refinancing, we mail all real estate taxes to the property owner. If your taxes are in an escrow account, we ask that you write your loan number on the tax bill and promptly forward one copy to your bank or mortgage company, so they can pay your real estate taxes during the discounted period.

2018 Dog Licenses are available in the Tax Office during regular hours. By law, dogs three (3) months and older must be licensed. We issue dog licenses for Cumberland County only. If you wish to purchase a life-time dog license John Gross, Treasurer at the Cumberland County Courthouse is the only person able to sell life-time dog licenses for Cumberland County residents.

Spring Bargains for Seniors…Property Tax Rebate – Rebates are offered to Pennsylvanians 65 and older who are homeowners and total income from all sources is less than $35,000 (including ½ of your social security). If you are a senior 65 and older and are renting, your total income must be less than $15,000 from all sources (including ½ of your social security). Funds for the tax rebates come from the Pennsylvania State Lottery. Forms are available in the Tax Office. If you desire assistance in completing the forms, please call me at (717) 737-5671 .

TAX OFFICE HOURS: Monday, Tuesday and Thursday from 10 a.m. to 2 p.m. or by appointment

If you stop by the Tax Office during the days it is closed, feel free to drop your payments in the mailbox outside the tax office door or in the gray box located next to the flagpole. If you would like a paid receipt for your taxes, PLEASE include both copies of your tax bills and a self-addressed stamped envelope, so I can mail your receipt back to you.

The Tax Office will be closed: May 7th-11th and June 18th-June 29th

"Professional, Yet Personal…That's My Bottom Line"

Tax Collector Disclaimer:

The Tax Collector of Lower Allen Township is a separately elected position, and does not work for the Commissioners or the Administration Department. While the Commissioners provide an office for the Tax Collector in the Township Municipal Services Center, the Tax Collector sets her own hours. The Tax Collector may be reached by calling 737-5671.

NEW BUSINESSES IN LOWER ALLEN:



- Pacific International Restaurant – 3619 Simpson Ferry Road
- Dick's Sporting Goods – 3715 Capital City Mall Drive
- Fine Wine & Good Spirits – 3735 Capital City Mall Drive
- Sears Appliance – 3740 Capital City Mall Drive
- Smilecrafters – 1104 Carlisle Road
- Catherine's Fabulous Hair & Nails – 3814 Gettysburg Road



Cleve J Fredricksen LIBRARY & East Pennsboro Branch

Friends Spring Book and Media Sale
April 19 through April 22
Please come out and support your library at the Friends Spring Book & Media Sale. Check our website for sale hours.

The Blueberries are Coming!
We will once again be selling 10 lb boxes of fresh blueberries for $30. Visit the library or our website to place your order beginning in May.

2018 Bike Raffle Tickets
Tickets are now on sale for Fredricksen's Fifth Annual Bike Raffle sponsored by Holmes Cycling and Fitness. Cost is **$5** per ticket, **$12** for three tickets. The drawing will be held on July 12th at the Ernie Fields Motown Band concert.

We have a variety of programs and activities for all ages taking place this spring and summer at the library! Visit our website at www.fredricksenlibrary.org for a complete list of events. Be sure to follow us on social media to stay up-to-date on our happenings. Look for us on Facebook, Instagram, Twitter and Pinterest.

Fredricksen Library 100 N. 19th Street Camp Hill, PA 17011 717-761-3900

Family Time

Vernal Pool Discovery
Explore and discover the different types of critters that call a vernal pool home.
Who's Eligible: Ages 3 and up.
When & Where: Friday, April 27, 7:00 – 8:00 pm, Gifford Pinchot State Park

Kid's Spring Discovery Walk
Discover the sights, sounds and smells of spring, and scavenger hunt at Pinchot Park
Who's Eligible: Ages 4 and up
When & Where: Saturday, April 28, 2 – 3:30 pm

Spring Wildflower Walk
An easy woodland stroll, identifying wildflowers and interesting information about the plants.
Who's Eligible: Ages 10 and up
When & Where: Saturday, May 5, 2 – 3:30 pm Gifford Pinchot Park

Registration required. Contact WSRec by visiting www.westshorerec.org or call

Do it for YOU and YOUR Family!

Put the chill of winter behind you with WSRec Springtime activities for the family

SUMMER Programs 2018

REGISTRATION BEGINS MAY 1*

*early registration for resi-

50 YEARS WSRec WEST SHORE RECREATION COMMISSION

Beginner Kayak Experience
Learn the basics of paddling.
Who's Eligible: Ages 12 and up
When & Where: Sunday, May 13
A: 10:30 am – 12 noon & B: 1:30 – 3:00 pm Gifford Pinchot State Park

Beginner Archery
Beginner's class for shooting re-curved bows
Who's Eligible: Ages 8 and up
When & Where: Friday, 6:00 – 7:30 pm April 13 or May 11 at Camp Cann-Edi-On

Night Sensory Hike
An interactive hike at night for the family
Who's Eligible: Ages 8 and up
When & Where: Friday, 8:00 – 9:30 pm April 13 or May 11 at Camp Cann-Edi-On

LOWER ALLEN TOWNSHIP

Founded 1850

2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011





Primary Election Day is Tuesday, May 15th, 2018.

Polls are open from 7:00 AM to 8:00 PM

Don't forget to vote!

2018 Newsletter Subscription Form

Yes! I am enclosing $5.00 with this completed form. Sign me up today for delivery of the Township News to my mail box, for a one time payment of only $5.00 for the entire year of 2018.

Name:_____**Phone#:** _____

Address: _____

Summer 2018

TOWNSHIP NEWS

Lower Allen Township · 2233 Gettysburg Road · Camp Hill , PA 17011



Board of Commissioners
Seated L to R: Richard F. Schin, Carolyn Holtzman, and Dean W. Villone; *Standing L to R*: President H. Edward Black, Vice President Jack. R. Simpson, Jr.

Inside this issue:

Directory of Services, Calendar at a Glance, Officials in Action	*Pages 2-3*
Lower Allen Fire Co. Live-in Program, Open Burning , Ambulance Subscriptions	*Pages 4-5*
National Night Out, LA Alerts	*Pages 6-7*
Lisburn Community Fire Company Events	*Pages 8-9*
LACP Yappy Hour, LA Community Night at Harrisburg Senators Game	*Pages 10-11*
Grass Clippings, Gardeners Gathering, Mosquito Control	*Pages 12-13*
LACP Events, Suez Plant Tour, Payments, Employee Recognitions, Scout News	*Pages 14–15*
Bulk Items, Yard Waste, Recycling, Leaf Compost and Wood Chips	*Pages 16-17*
Tax Office, Lower Allen Township Annex, Fredricksen Library, WS Rec News	*Pages 18-19*

STORMWATER PROGRAM FEE UPDATE



Lower Allen Township began discussions in January regarding the Stormwater Program and creation of a Stormwater Fee and has since been working closely with consultants from Arcadis, Inc. The Board of Commissioners heard an initial presentation regarding a Stormwater Fee from Arcadis at their June 11, 2018 meeting. The overall goal of Lower Allen Township is to develop a sustainably-funded stormwater program that begins to address the long-term stormwater needs of the Township and to comply with mandates from PADEP and USEPA. Township staff from multiple departments have participated in a series of discussions, as well as meetings to provide the necessary background data and information to define the current stormwater program and associated costs.

The current stormwater program will serve as the foundation for evaluating what an enhanced stormwater program will need to include to maximize the capacity and effectiveness of the Township's existing system and meet increased federal and state mandated regulatory requirements. Arcadis has also reviewed infrastructure replacement and improvement projects, and other capital needs that will be considered in the development of a future stormwater program plan. There is a link on the Township's website, www.latwp.org, look for the MS4 Updates Post to view the PowerPoint presentation that Arcadis presented on June 11, 2018, and a Frequently Asked Questions document. We expect to provide updates on the overall project progress in future issues of the Township newsletter and on the Township website, including additional details of the stormwater program and fee. If you have any questions regarding the program please contact Rebecca Davis, MS4 Coordinator, @ rdavis@latwp.org or 717-975-7575 ext. 1010.

DIRECTORY OF SERVICES

Lower Allen Township
2233 Gettysburg Road • Camp Hill, PA 17011
Phone: 717-975-7575• Fax: 737-4182• www.latwp.org
Monday-Friday: 8:00 pm to 4:00 pm

Tax Office - Phone: 717-737-5671
Hours: Monday, Tuesday, Thursday 10:00 am - 2:00 pm

KEY STAFF	EXT #
Thomas G. Vernau, Jr., Manager	1001
Erin G. Trone, Assistant Manager and Director of Economic and Community Development	1002
Donna Paul, Human Resources, Recycling Coordinator	1402
David L. Holl, Director of Public Safety	1601
Leon Crone, Police Captain	1515
Daniel Flint, P.E., Township Engineer and Director of Public Works Dept.	1101
Richard Grove, Finance Director	1202
Bob Nailor, Public Works Coordinator	2106
Frank Wirth, Fire Captain	1311
David Murdoch, Fire Chief, Lower Allen Fire Co. No. 1	1302
Josh Keller, Fire Chief, Lisburn Community Fire Co.	766-3994

IMPORTANT NUMBERS

Emergency Police • Fire • EMS	9-1-1 (24-hours a day)
Non-Emergency & After Hours	717-238-9676
Poison Control Center	1-800-222-1222
PPL	1-800-342-5775
UGI	1-800-962-1212
PA American Water	1-800-565-7292
Lower Allen Sewer Authority	717-774-0610
Penn Waste (Trash & Recycling)	1-866-575-8720
Trash Complaints - call the Township	717-975-7575, ext. 1106
Cleve J. Fredrickson Library	717-761-3900
New Cumberland Public Library	717-774-7820
Joseph T. Simpson Library	717-766-0171
West Shore Recreation Commission	717-920-9515
Representative Sheryl Delozier 2929 Gettysburg Rd., Suite 6, Camp Hill, PA 17011	717-761-4665
Senator Mike Regan 1 East Harrisburg Street Dillsburg, PA 17017	717-432-1733
U.S. Representative Scott Perry	717-635-9504
U.S. Senator Robert Casey, Jr.	717-231-7540
U.S. Senator Pat Toomey	717-782-3951

CALENDAR AT A GLANCE

All meetings are held at the Lower Allen Township Municipal Services Center (unless otherwise noted)

JULY

5	Sewer Authority	7:30 pm
9	Board of Commissioners	7:00 pm
16	Development Authority	6:00 pm
17	Planning Commission	7:00 pm
29	Zoning Hearing Board	7:00 pm
23	Board of Commissioners	7:00 pm
25	Recreation and Parks Board	7:00 pm
28	LA Twp. Night at Senators Game	6:00 pm

AUGUST

2	Sewer Authority	7:30 pm
7	National Night Out	5:30 - 8:30 pm
8-11	Lisburn Fire Co. Festival	4:00—10:00
13	Board of Commissioners	7:00 pm
16	Zoning Hearing Board	7:00 pm
20	Development Authority	7:00 pm
21	Planning Commission	6:00 pm
22	Recreation and Parks Board	7:00 pm
27	Board of Commissioners	7:00 pm

SEPTEMBER

6	Sewer Authority	7:30 pm
10	Board of Commissioners	7:00 pm
15	Lisburn Gun Raffle	12:00—5:00
17	Development Authority	6:00 pm
17-21	Tax Office	CLOSED
18	Planning Commission	7:00 pm
20	Zoning Hearing Board	7:00 pm
24	Board of Commissioners	7:00 pm
26	Recreation and Parks Board	7:00 pm

OCTOBER

4	Sewer Authority	7:30 pm
8	Board of Commissioners	7:00 pm
14	Lisburn Fire Co. BBQ Chicken Dinner	11:00—2:00
14	Lisburn Fire Co. BINGO	12:00 pm
15	Development Authority	6:00 pm
15-19	Tax Office	CLOSED
16	Planning Commission	7:00 pm
18	Zoning Hearing Board	7:00 pm
22	Board of Commissioners	7:00 pm
24	Recreation and Parks Board	7:00 pm
25	Trick Or Treat	6:00—8:00
27	Lisburn Fire Co. Cider & Wine Event	12:00—5:00pm

OFFICIALS IN ACTION



The Board of Commissioners approved the following:

RESOLUTIONS

2018-R-12 *2018 Records Disposition. (Adopted 3/26/18.)*

2018-R-13 *Transfer of restaurant liquor license No. R-15960 into Lower Allen Township. (Enacted 4/9/18.)*

2018-R-14 *Authorizing the President of the Board of Commissioners to execute documents for Pennsylvania Department of Conservation and Natural Resources for Grant Agreement Signature Page. (Adopted 4/9/18.)*

2018-R-15 *Proclaiming the month of April 2018 as Pennsylvania 811 Safe Digging Month. (Adopted 4/9/18.)*

2018-R-16 *Proclaiming May 2018 as Building Safety Month. (Adopted 4/9/18.)*

2018-R-17 *Authorizing the Township Manager to sign and submit the application for Traffic Signal approval to the Pennsylvania Department of Transportation. (Adopted 4/23/18.)*

2018-R-18 *Recognizing, commending and honoring Luke Raymond Capper for the attainment of the rank of Eagle Scout. (Adopted 4/23/18.)*

2018-R-19 *Authorizing the Township Manager to sign the reimbursement agreement with the Pennsylvania Department of Transportation for the Gettysburg Road Relocation Project. (Adopted 5/14/18.)*

2018-R-20 *Revised Investment Policy Statement. (Adopted 5/14/18.)*

2018-R-21 *Authorizing the President of the Board of Commissioners to submit water quality improvement projects along Mariner East 2 Pipeline Grant Applications to the Pennsylvania Department of Environmental Protection. (Adopted 6/11/18.)*

2018-R-22 *Appointing Charles A. Reynolds to the position of Fleet Manager in the Fleet Maintenance Department, (Adopted 6/11/18.)*

2018-R-23 *Authorizing the sale of Township property valued over $1,000.00. (Adopted 6/11/18.)*

2018-R-24 *Authorizing the Township Manager to sign the reimbursement agreement with the Pennsylvania Department of Transportation for the Rossmoyne Road-Lisburn Road Roundabout Project. (Adopted 6/11/18.)*

2018-R-25 *Authorizing the acquisition of land owned by DLM, LLC. (Enacted 6/11/18.)*

ORDINANCES

2018-02 *Amending, modifying, and changing the code of the Township of Lower Allen by deleting Chapter 61, Alarms, and Enacting a new Chapter 61, Alarms. (Enacted 4/9/18.)*

2018-03 *Amending Chapter 21, Fire Companies, of the code of Lower Allen Township by adding Section 21-5, Emergency Response Payment Reimbursement. (Enacted 5-14-18.)*

LIVE-IN PROGRAM



LOWER ALLEN FIRE CO. #1

2233 GETTYSBURG RD CAMP HILL, PA



Are you interested in gaining valuable EXPERIENCE as a Live-In Fire-fighter? Then the Lower Allen Fire Company No. 1 wants you! Located minutes away from Harrisburg, and many local colleges (HACC, Penn State, Central Penn, Messiah, Harrisburg University), we have many benefits that fit every student live-in! The fire company protects a very diverse and wide range of property within our first due including four major highways, residential neighborhoods, apartment complexes, warehouses, malls, and much more. This community keeps us busy.





BENEFITS

- **500-600 Alarms Annually**
- **2 Stations - 3 Engines, 1 Rescue, 1 Truck**
- **Weekly In-house Training, Additional training available at no cost**
- **Full Kitchen & Lounge**
- **Computer & Wi-Fi Access**
- **Private Dorm Rooms**
- **Washer/Dryer Access**
- **Lounge & Fitness Rooms**

OFFERING
College Tuition Reimbursement & Living Expense Stipend
Available for Eligible Live Ins for Fall 2018!

For more information, check us out at www.lowerallenfire.com or email our Membership Committee at fire_membership@latwp.org

"Service Unto Others"

Open Burning: What's allowed in the Township?

With summer here, we are getting numerous calls regarding open burning in the Township.

Statewide recycling in Pennsylvania began in 1988 with the "Municipal Waste Planning Recycling and Waste Reduction Act" or "Act 101". This act requires all larger municipalities to recycle. Consequently, leaves and yard waste cannot be burned. The Pa Solid Waste Management Act requires disposal of construction and demolition waste at approved landfill sites, so these materials also cannot be burned.

Listed below are the regulations for open burning within the Township.

The International Fire Code, as adopted and amended, allows for open burning when compliant with the following conditions.

2009 Edition International Fire Code Section 307—Open Burning, Recreational Fires and Portable Outdoor Fire Places:

- Open burning that is offensive or objectionable because of smoke emissions or when atmospheric conditions make such fire hazardous shall be prohibited.
- An operational permit shall be obtained prior to starting a silvicultural, range or wildlife management fire, fires to prevent or control disease or pests, or a bonfire.
- The Code Official, Community Service Officer, Public Safety Officer, Police Officer or Fire Official shall be authorized to require the extinguishment of any fire that is considered offensive, objectionable or unsafe.
- Recreational Fires shall not be conducted within 25 feet of a structure or combustible material. Conditions which could cause a fire to spread within 25 feet of a structure shall be eliminated prior to ignition.
- Portable outdoor fireplaces shall be used in accordance with the manufacturer's instructions and shall not be operated within 15 feet of a structure or combustible material.
- All open burning, recreational fires, bonfires and portable outdoor fireplaces shall be constantly attended until the fire is extinguished.
- A minimum of one portable 4-A rated fire extinguisher or other approved fire extinguishing source shall be available for immediate utilization.

Please contact the Community Development Department to discuss any other open burning questions you might have.



Ambulance Subscription Renewals

The 2018 Ambulance Subscription Renewals were mailed out in December. Ambulance Subscriptions are good for the calendar year of 2018. The Board of Commissioners set the Subscription rates for 2018 at $70 for a Single Subscription and $85 for a Household Subscription. If you did not receive a subscription form, or if you have any questions please contact Bev Putric at 975-7575, ext. 1205.

Why have a subscription? The cost of a trip in an ambulance is very high and insurance generally does not pay the full bill. By becoming a subscriber, if you call 911, are transported to a hospital, and the transport is deemed medically necessary, Lower Allen EMS will accept the insurance company payment as payment in full for your first trip. Subscriptions do ***not*** cover routine transportation, transportation for stretcher or wheelchair, or transportation that is not medically necessary. You are responsible for additional mileage costs if you are transported past the closest appropriate facility.






TUESDAY, AUGUST 7

5:30pm to 8:30pm

CHRISTIAN LIFE ASSEMBLY
2645 Lisburn Road, Camp Hill

National Night Out is scheduled for Tuesday, August 7. The purpose of National Night Out is to promote police-community partnerships. If you live in Lower Allen Township and your neighborhood is not holding an event, we encourage you to join us. In order to provide ample parking and space to allow this event to continue to grow, Lower Allen Township Police Department has partnered with Christian Life Assembly, as the new venue.

JOIN US FOR FAMILY FUN

Food, Drinks, Ice Cream • Games & Prizes • Children's Crafts • Children's Play Area • Wiffleball
Free Raffle Prizes • Blood Pressure Readings, CPR & First Aid Education • Lift A Fingerprint
Fire Safety Education & Demonstrations • Martial Arts Demo Team • Music • Car Seat Safety • & More!
NO PETS are allowed on site. Service dogs must be identifiable.

PARTICIPANTS & SPONSORS

(as of the printing of this publication):
Christian Life Assembly Church • Classic Drycleaners • DJ Matt Claeys • Filson Water • Flinchy's
Fredricksen Library • Inspiration Station • J&J Snack Food Corp. • Martin's Potato Chips
Members 1st FCU • Representative Sheryl Delozier • Rolling Green Cemetery • Susquehanna Valley FCU
The Goddard School • The Learning Source • The Oakes Museum of Natural History
The State Museum of Pennsylvania • UTZ • West Shore Academy of Martial Arts
West Shore Recreation Commission

THERE IS STILL TIME TO GET INVOLVED

We still have space for businesses and organizations to get involved:
Provide a family friendly game or activity with prizes • Sponsor our event with a monetary donation
Provide volunteers to assist at the event • Donate an item for our free prize raffle
Donate food or drink • Display a Classic or Antique Car • Attend the Event

For Up-To-Date Information:

Like us on Facebook @LowerAllenCops

Or Visit our Website:
http://www.latwp.org/?p=9207

Event Contact:

Dianna Knisley · Lower Allen Township
Department of Public Safety
2233 Gettysburg Road · Camp Hill, PA 17011
Phone: 717-975-7575, ext. 1602 · Fax: 717-975-2289
Email: dknisley@latwp.org

LA ALERTS

Lower Allen Township announces a NEW 'Community Notification System'

In April 2017, we retired the old system used to make community notifications for emergencies as well as general notifications of Township activities. The retired system was largely based upon landline phone numbers contained in the "White Pages" database. As landlines continue to decrease and become less reliable for immediate notifications, it became essential to shift to a mobility based system that provided for a resident's self-determination of a variety of contact options.

With the new system, referred to as "**LA ALERTS**", you will be able to add the phone numbers (landline and cell phones), email addresses, and text numbers where you wish to be contacted for various notifications. You will also be able to select groups you wish to be included in for emergency and/or routine messaging.

Subscribing is easy! Simply go the Township web page at www.latwp.org and click on **LA Alerts** under the Police & Public Safety News link. Here you will be able to create an account and list the phone numbers and email addresses you wish to be included as contacts. You can also then choose the level of contact and join contact groups. If you have any difficulty you can also subscribe by calling us at 717-975-7575 Ext. 1602 and we will assist you in registering. You may also choose to complete the form at the bottom of this page and mail to Lower Allen Township, 2233 Gettysburg Road, Camp Hill, PA 17011, Attn: LA ALERTS (or use the drop box near the flag pole in our parking lot).

You will not receive EMERGENCY or other notifications unless you subscribe to the **LA ALERTS** system. Do not hesitate. **Subscribe today!**

Please PRINT

I am a Lower Allen Township: ___Resident ___Business

NAME AND ADDRESS

Resident or Business Name: _____

Street Address: _____

Apartment or Suite #:_____ City: _____ Zip: _____

PHONE AND EMAIL

Phone (HOME): ( ) ____-_____

Phone (CELL): ( ) ____-_____ Circle One (TEXT or VOICE) EMAIL: _____

Phone (CELL): ( ) ____-_____ Circle One (TEXT or VOICE) EMAIL: _____

Phone (CELL): ( ) ____-_____ Circle One (TEXT or VOICE)

GROUP SUBSCRIPTIONS

I would like to subscribe to the following groups: ___ Emergency Alerts ___ Flood Plain Alerts ___ TMI Alerts

___ Leaf/Trash Pick-up ___ Weather Alerts ___Township Newsletters/Events ___ LA Business Owner/Operator



Lisburn Festival



AUGUST 8-11

Lisburn Community Fire Company wants to invite you to celebrate our 65th Festival this year. 65 years ago the first festival was held to help start the Fire Company. Please come out and support us during this festival. Stop by our fire tent and say hello and share a story of the first festival you attended.

Rides & Games

- Wednesday Ride Night $15 Wrist Bands
- Thurs-Sat Tickets for Rides
- Games for all Ages
- Hay Rides
- Pony Rides
- Bingo
- Silent Auction
- Book Sale
- Vendors selling arts, crafts & more

Great Food & Entertainment

- 65¢ hotdogs
- Credit Cards Accepted in Large Pavilion (Thurs-Saturday)
- BBQ Chicken, Hotdogs, Burgers, Sausage, Soup, French Fries, Funnel Cake, Ice Cream
- Music & Bands including Jukebox Hits, Make Mine Country, Borderline and Laredo

FOLLOW THE DETOUR SIGNS TO THE FESTIVAL.

LISBURN COMMUNITY FIRE COMPANY
1800 MAIN STREET, LISBURN, MECHANICSBURG
717-766-3994 LisburnFire24@gmail.com
www.lisburnfire.org

Lisburn Community Fire Company

Please mark your calendar for our upcoming events.

We would love to see you at one of our events.

Thank you for your support

September 15th –12-5pm **8th Annual Gun Raffle**	$20 Ticket which includes food, drinks, and a chance to win a gun, prize or cash. Tickets available at our events and through our members. Prizes include 20 guns (or cash prizes) plus 2 - Champion gun safes and 1 - $500 cash grand prize.
October 14th –11-2pm **Drive Thru-Chicken BBQ**	11am-2pm...Each $8.00 dinner includes one half barbecued chicken, a baked potato, applesauce, a roll, butter, and a bottle of water. The price cannot be beat. Due to the great turnout last year, we will be making double the number of dinners this year.
October 14th **BINGO**	Doors open @ noon, Early bird @ 1:30. Bingo Starts at 2pm. $25 at door. $22 in advance. Contact Darla at 938 -9428, or email:off2vegas19@gmail.com
October 27th-12-5pm **Hard Pressed: A celebration of Cider and Wine**	Join us for the fourth annual "Hard Pressed: A celebration of Cider and Wine and a fall festival for families and friends. This event will feature food, games, cider and wine sampling and live music by the Villones (*Commissioner Villone is the lead singer with his wife*).

LCFC Facilities Rental Information

Social Hall/Capacity

- Seats 250 for Dinner or 500 Theater Style • ADA Compliant • Air Conditioned • Ample Parking
- Bring your own food or hire your own caterer.

Other Rentals & Facilities Available

- Tables & Chairs • Barbecue Pit • Fire Hall Room • Screened-in Picnic Pavilion • Grounds & Band Stage
- Parking for Car Shows (717) 208-2315 • rentals@lisburnfire.org

For more information see our website (www.lisburnfire.com), email (lisburnfire24@gmail.com), or call us at 766-3994.

All events are held at the Fire Company Grounds; 1800 Main Street Lisburn, Mechanicsburg, PA 7055.

LOWER ALLEN TOWNSHIP



YAPPY HOUR!

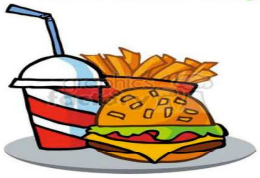
BYO-BEER & BYO-DOG

Lower Allen Community Park, Dog Park
4075 Lisburn Road
Thursday, August 2, 2018

5:30 pm—7:00pm

WILL-EZE CONCESSIONS

Great food and ice cream will be available for purchase!



LIVE ENTERTAINMENT BY

BILLY WRAY MUSIC!

Come out and celebrate the DOG days of Summer with a Brew

Maybe even meet a neighbor or two!

PET FRIENDLY VENDORS!

RAIN OR SHINE!!

Please drink responsibly
A Community Service Officer will be present

All Dog Park rules apply,
with the exception of permitting alcohol for the event



Dog park registration forms can be found at www.latwp.org
Or can be picked up at the Lower Allen Township Building.

For more information on this event please contact
Wendy Hayden at 717-975-7575 Ext. 2104 or whayden@latwp.org

Lower Allen Community Night

Come join your Lower Allen Community and cheer on your Harrisburg Senators as they take on The Bowie Baysox!

Post-Game Fireworks

Saturday, July 28th, 2018

Game Time: 6:00 pm * Gates Open: 4:30 pm



Tickets Available at:

https://groupmatics.events/event/Lowerallen

If you have questions, contact Jeff Bell with the Harrisburg Senators at 717-231-4444 ext 109 or Jbell@senatorsbaseball.com.

GRASS CLIPPINGS

Grass Mulching - Good for You & Your Yard

WHAT IS GRASS MULCHING?

Mulching lawn mowers cut the grass clippings into fine pieces that fall easily to the soil surface. There, they can be rapidly broken down by soil micro-organisms, which release nutrients from the mulched plant material back into the soil.



WHY SHOULD I MULCH INSTEAD OF BAG?

- Mulching enhances the health and growth of the turf by reducing evaporation and keeps soil temperature cooler. Mulched clippings are 85% water and 5% nitrogen and can provide up to 25% of fertilizer needs for an average lawn.
- It's good for the environment; mulching keeps grass clippings out of landfills. Grass clippings account for 2/3 of all biodegradable waste in landfills.
- Takes less time than bagging, because you don't have to stop to empty the bag.

GRASS CLIPPINGS IN THE STREET

Grass clippings being discharged or blown into the street continues to be a big problem in the Township. While most residents are conscientious about keeping the clippings out of the street, others continue to ignore this. Placing your clippings in the street can cause blockages in storm drains and releases harmful chemicals into our stormwater system and watershed. In addition, placing the clippings in the street is a violation of Lower Allen Township's Stormwater Management Ordinance. Please keep this in mind the next time you mow your lawn!

Contact Rebecca Davis, MS4 Coordinator via email at rdavis@latwp.org, if you have questions about how you can help to protect the quality of our creeks and streams.

Many residents tend to wonder why grass clippings are not accepted as yard debris.

The Township's yard waste recycling facility cannot except the large amounts of grass clippings generated from hundreds of residents, due to the possible combustion of the material. The temperature in the middle of a large, hot compost pile can spike above 180 degrees. The debris pile at the Township facility is too large to turn over, so when large amounts of rain fall continuously and soak the composting pile, the middle of the pile can become anaerobic. Compost that goes anaerobic (uses up oxygen in the middle of the pile) can produce flammable gases. There are ways that an individual can compost or recycle their own grass clippings in a safe and environmentally friendly way.

One of the easiest ways to recycle your grass clippings is simply by leaving them on your lawn. This practice saves you money since you'll need less fertilizer. Grass clippings are rich in nitrogen and will release these nutrients back into your lawn as the clippings breakdown. This can save you 25 percent in lawn fertilizer and prevent harmful runoff. Additionally, it will save you time since you won't be bagging your grass clippings. Just mow your lawn and be done!

If you just can't stand leaving the clippings on your lawn, then try a composting bin. This will allow you to make your own organic compost that can be used throughout your landscaping. To compost your grass clippings, make sure you have an even mix of green and brown. Fresh grass and dried leaves make a great combination. Keep an even balance of dry and wet materials, making sure the composting bin gets adequate ventilation will ensure that your compost breaks down properly without offensive odors or the chance of becoming anaerobic. Keep at it by including kitchen scraps (avoid using animal or dairy products), and you will eventually end up with a nutrient rich compost that can be used all over your landscape.

Gardeners Gathering at the Community Park

The 14th annual Gardeners Gathering was held on April 28th. at the Barn. Two workshops were offered, free of charge, to attendees. Lower Allen Township MS4 Coordinator Rebecca Davis spoke about the importance of managing storm water and how this impacts our environment. Greg Black, owner of Black Landscape, talked about the correct ways to plant and mulch your garden. Following the workshops, the annual plant swap took place, with 15 people participating. Fun was had by everyone. The generous donations from **Black Landscape**, **Royer's Flowers, Highland Gardens** and **Stauffers of Kissel Hill** were given away as door prizes. **Thank you to members of the Recreation and Parks Board, and the workshop presenters,** for volunteering their time to make this popular event a reality year after year. We thank everyone for their dedication to the Community.





COMMISSIONERS OF CUMBERLAND COUNTY

Vincent T. DiFilippo
Chairman

Jim Hertzler
Vice-Chairman

Gary Eichelberger
Secretary

Vector Control Weights & Measures
310 Allen Road Suite 701
Carlisle, Pennsylvania 17013
717-240-6349
717-240-7754 fax
www.ccpa.net/vector

A Note from the Cumberland County Mosquito-borne Disease Control Program:



The Center for Disease control has recently put out an article reporting that disease carried by ticks and mosquitoes has tripled in the last decade. Working in conjunction with the residents in our community is essential to lower mosquito population to lessen the spread of disease. Dumping water is the first and most effective way to lower the population of potentially harmful viruses. If the water cannot be dumped, treat it with a BTI bacteria based product, such as Mosquito Dunks, which can be found at your local hardware store. If you are having difficulty finding the breeding source or have any questions, feel free to call, 717-240-7808.

2018 EVENTS—TENTATIVE LISTING
LOWER ALLEN COMMUNITY PARK

August: 2	Lower Allen Township's Yappy Hours Doggie Dugout-Dog Park 5:30pm to 7:00pm
October: 6—7	Dillsburg Soccer Tournament Upper, Keystone, Lower Pavilions 8:00 am to dusk Fields—Upper, Lower and Creekside 1, 2, 3, 4,

OFFICIALS VISIT SUEZ WATER PLANT

On Tuesday, May 8th, officials from Lower Allen and Upper Allen Township visited the Suez water treatment plant at 1081 Limekiln Road in York County to learn about the process they use to treat water drawn from the Yellow Breeches Creek for household use, as well as some new technologies that create a safer environment for their employees.



From left, Mark Baker, Suez engineer; Robert Eberly, Lead Operator; H. Edward Black, Lower Allen Township Commissioner; Thomas G. Vernau, Lower Allen Township Manager; Lou Fazekas, Upper Allen Township Manager; and Dean Villone, Lower Allen Township Commissioner.

Trash/Sewer Bill Payment Options



- **Mail:** Mail your payment with your remittance stub. If paying through your bank's online bill pay, please remember to include your sewer/trash account number on your check.
- **In Person**: Visit the Township building and pay by cash, check or credit card. If you don't have time to stop in, just swing your car around to our drop box located in the front of the building by the flag pole and drop your payment there. The mail is gathered from the box by 8am each weekday morning.
- **Credit Card**: Visit our website at www.latwp.org, call or stop in to pay by credit card. If paying on our website, enter GovPay in the search bar to find the link; there is a processing fee that applies to all credit card payments.
- **Automatic Payment**: An authorization form can be obtained on our website at www.latwp.org or by calling or visiting the Front desk at the Township building. By choosing this option, the Township will automatically deduct the quarterly bill from your account on time, every time. Just submit the signed authorization form along with a voided check and we will take care of the rest!

TOWNSHIP EMPLOYEES REACH MILESTONE

Lower Allen Township is proud to recognize the following employees for their years of service. The employees were formally recognized at a recent Board of Commissioners meeting. All of our employees provide a valuable service to the residents and we hope you'll join us in applauding their milestones.

NAME	YEARS/HOURS	STATUS	JOB TITLE	DEPT.
Kenneth Rocuskie	35 Years	Full-time	Fleet Manager	Fleet Maintenance
Carol Jo O'Keefe	5 Years	Part-time	CSO-Crossing Guard Division	Police

Scout News



Luke Capper, son of Thomas and Christine Capper of Mechanicsburg, was awarded the rank of Eagle Scout at a ceremony at St. Joseph's School, Mechanicsburg, on April 22nd, 2018. Luke is a member of Boy Scout Troop 195 in Mechanicsburg. Luke installed mile markers along the loop trail at Lower Allen Community Park to create a 5k cross-country and community fitness trail to enable users of the trail, including high school cross-country teams, to gauge how far they walk or run. Luke was presented with a Resolution adopted by the Board of Commissioners honoring him for his achievement.



Cub Scout Pack 54, based in Lower Allen Township, spent Earth Day 2018 performing a park clean-up project at the Cedar Spring Run Park and planting a tree at the Lower Allen Community Park. The scouts filled two large contractor bags with trash that they cleaned up throughout the park and along the Cedar Spring Run. Other members of the Pack planted a tree near the Fernlawn Pavilion at LACP, at the site where we lost another tree during a storm last year. We thank these scouts and their leaders for making our parks a better place for our residents and visitors!

Disposal Guidelines

Yard Waste

- Trees
  (under 14 inch diameter)
- Bushes
- Tree & Bush Trimmings
- NO Rocks, Bricks, Dirt, Paper or Metal
- NO Construction Material

Bulk Items

- Appliances
- Lawn Mowers
  (without oil/fuel)
- Tire Rims
  (without tires)
- Motors
  (without oil/fuel)
- Furniture
- Treated Lumber
- Plastic Bags
- Carpet
- Rail Road Ties
- ALL wood products
- Metal

Items NOT accepted: Electronics, Televisions, grass clippings, tires, oil, fuel, shingles, concrete, bricks, rocks, dirt, paint, glass, pressurized tanks (propane, etc.) Tree stumps.

Hours of Operation – Monday thru Friday 7:00 am to 3:00 pm.
2nd Saturday – April thru November 8:00 am to 1:00 pm.

CURBSIDE YARD WASTE PICK UP

The Townships' yard waste recycling program started in April, and will be collected by your trash hauler on your regular trash day. Yard waste collection will proceed through the last week in November. Residents may bring their yard waste directly to the Public Works facility, located at 1400 St. Johns Road, Monday through Friday, between the hours of 7:00am – 2:30pm. The second Saturday drop off will be offered starting in April and ending in November. **Lower Allen households are limited to four loads of brush (yard debris) to Public Works, per calendar year. A $25.00 fee will be assessed for households exceeding their 4 load limit.**

Landscape Contractors working at properties in the Township may haul yard waste generated at those properties to the Public Works facility when accompanied by the resident, or with prior approval. A contractor's yard waste permit is required to be purchased by contractors using the facility.



Yard waste consists of garden debris, leaves, sticks and branches and stumps (no larger than 24 inch diameter). Grass clippings and sod are **NOT** considered yard waste and should be bagged and put out with regular garbage, or composted.

Yellow yard waste bins should be used for smaller manageable amounts of debris. No trash bags or garbage should be mixed in with the yard waste. Branches (not exceed 6 feet in length or 4 inches in diameter) must be bundled with twine or string,. Maximum weight is 45lbs. Yellow yard waste bins can be picked up at the Municipal Services Center during regular business hours. Unlimited amounts of yard debris may be placed curbside, using the previously stated guidelines.

Yellow Yard Waste Recycling Containers are available at:
Municipal Services Center, 2233 Gettysburg Road, Camp Hill, PA 17011
Between the hours of 8 am and 4 pm, Monday-Friday.
Limit one per residence. Additional or replacement containers available for a $10 fee.

RECYCLING • LEAF COMPOST & WOOD CHIPS

2018 Household Hazardous Waste Drop-Off Event

When: August 18, 2017, 9:00 am – 3:00 pm
Where: Cumberland County Service Center
310 Allen Road, Carlisle PA 17013

What Can I Bring?

Pesticides, Insecticides, Herbicides, Fertilizers
Oil-Based Paints, Stains, Varnishes, Sealers
Oil-Based Paint Cleaners, Thinners, Removers
Adhesives, Glues, Epoxies, Caulking, Sealant
Gasoline, Diesel Fuel, Kerosene
Antifreeze, Car Care Product
Lubricating Sprays
Pool Chemicals
Drain Cleaners, Degreasers, Oven Cleaners
Fire Extinguishers
Propane Cylinders (up to 20 pounds)
Hydrochloric Acid, Sulfuric Acid, and Other Acids
Mercury, Mercury Containing Devices
Fluorescent Light Tubes and Bulbs
Automotive Batteries

What Can't I Bring?

Motor Oil
Latex (Water-Based) Paint and Paint-Related Products
Smoke Detectors
Household Alkaline Batteries
Chemically Treated Lumber
Biological Waste
Construction and Demolition Debris
Bags of Cement / Mortar
Ammunition, explosives
Electronics
Asbestos
Tires
Used absorbent material (oil-dry)
Cold patch
Household Trash

What Else Should I Know?

- This event is limited to Cumberland County residents and small businesses only.
- Small business are limited to 2,200 pounds and must be pre-registered byfilling out The Small Business Registration, available on the County website. www.ccpa.net
- Container sizes should be limited to 5 gallons or smaller.

Please check out the Cumberland County's website for tips on disposing some of the unacceptable items, or call 717-240-6489 with questions or for more details.

LEAF COMPOST AND WOOD CHIPS

Public Works began delivering product on April 6th and will continue delivering on Thursday and Friday mornings, through the first week in November. Order forms and payment must be submitted at the Township's Municipal Services Center, prior to delivery scheduling.
Lower Allen residents are welcome to come and self-load both products, free of charge, during business hours, Monday – Friday, between the hours of 7:00am – 3:00pm.

Leaf Compost delivered	Wood Chips delivered
3 cubic yards (small load) – $35.00	3 cubic yards (small load) – $15.00
8 cubic yards (large load) – $50.00	8 cubic yards (large load) – $25.00

TAX OFFICE • LOWER ALLEN TOWNSHIP ANNEX

"Professional, Yet Personal...That's My Bottom ***Bonnie K. Miller***

QUARTERLY TAX TIPS

Tax Office Hours: Monday, Tuesday and Thursday, from 10 am to 2 pm or by appointment. If you stop by the Tax Office during the days it is closed, feel free to drop your payment in the gray box located next to the flag-pole or the black pedestal mailbox outside my office door. You may also mail your payment. If you would like a paid receipt for your taxes, PLEASE include both copies of your tax bills and a self-addressed, stamped enve-lope, so I can mail your receipt back to you.

It's Your Right and Responsibility Thank you for exercising your greatest right as an American...the right to vote.

Important Dates and Info to add to your Summer Calendar…

The last day to take advantage of the face period for your March 1st, Lower Allen Township and Cumberland County real estate tax bill is Saturday, June 30th. **Please remember that a 10% penalty will automatically be added on the July 1st, 2018.**

Tax Office will be closed the weeks of September 17th—21st, October 15th-19th, November 22nd-December 3rd, and De-cember 24th-January 1st 2019.

School real estate and per capita tax bills for the fiscal year **2018-2019** will be dated July 1st and mailed to homeown-ers. If there is an escrow account, it is the **homeowner's responsibility** to mail one (1) copy to your mortgage company. Write your loan number on the tax bill and send it to the attention of the Tax Escrow Department, keeping one (1) copy for your records. Write your loan number on the tax bill and send it to the attention of the Tax Escrow Department, keeping one (1) copy for your records.

You should have received a $7,282.00 Homestead Exclusion on your July 1st, 2018 West Shore School District Real Estate tax bill, if you did not, perhaps you are a new homeowner or didn't apply for it, the next window to apply for the Home-stead Exclusion is December 15, 2018 through March 15, 2019. You can obtain that form on Cumberland County's website, ccpa.net. If you take the $7,282.00 Homestead Exclusion amount and multiply if by 11.6457 mils it equals $84.80. Your assessment on your house will go back to the original assessment before the Homestead Exclusion since that only applies to the West Shore School District real estate tax bill. If there isn't a per capita tax bill enclosed with your real estate tax bill, please contact the Tax Office at 717-737-5671.

Summertime.....it's what we wait for all year! Vacations at the beach, camping trips and hiking in the mountains, family reunions and picnics. So is being outside—and I love to walk. I hope to have the opportunity to meet many of you in person as I take my summer strolls! I wish you and your family lots of fun in the sun this summer!

Don't Forget Fido! 2018 dog licenses are still available in the tax office during regular office hours. By law, dogs three (3) months of age and older must be licensed.

Lower Allen Township Annex

The PA Department of Community and Economic Development (DCED) has assigned a new Political Subdivision Code (PSD) to the section of Lower Allen Township known as the Lower Allen Township Annex or Shiremanstown Annex. This six digit code is 210604.

The new PSD Code was necessary because the residents in the Annex pay municipal taxes to Lower Allen Township, but pay their school taxes to Mechanicsburg Area School District. Other Lower Allen Township residents pay their school taxes to the West Shore School District. The new PSD Code will allow Annex residents to look up their correct combined tax rates on the DCED website.

DCED has updated this new code on the Real-Time Tax Register and it was added to the Official Tax Register on June 15th. The tax registers can be found at https://dced.pa.gov/local-government/municipal-statistics/.

Fredricksen Library

- **Summer Reading is in full swing at the library for all ages!** We have a variety of programs and activities happening, be sure to visit our website at www.fredricksenlibrary.org for a complete list of events.
- **Join us for our remaining free Summer Concerts on the Lawn!** All concerts begin at 7 pm.
  July 12 – Ernie Fields Motown Band
  July 24 – Shea Quinn and Friends
  August 9 – Janelle Verones Band & Final Summer Fling
- **Bus Trip to the National Book Festival in Washington D.C.**
  Join us as we travel to the annual National Book Festival on Saturday, September 1. This event is organized and sponsored by the Library of Congress. Don't miss this fantastic opportunity to meet with famous authors, mingle with other readers and writers and find out more about literary events and services. Our bus will stop at the National Mall for those that wish to explore D.C. on their own, as well as stopping at the Walter E. Washington Convention Center for the Book Festival. $45 Price includes: round trip motor coach transportation from Camp Hill, bagged continental breakfast served en route to Washington, D.C., free time to explore and participate in the National Book Festival, and gratuity for bus driver. The bus departs from the Camp Hill Radisson's parking lot at 7:30 am. On the way home, we will make a stop for dinner on your own. We will return by 9:30 pm. You can register in person, on the phone or via the library's website.
- Follow us on social media to stay up-to-date on our happenings. Look for us on Facebook, Instagram, Twitter and Pinterest.

Fredricksen Library 100 N. 19th Street Camp Hill, PA 17011 717-761-3900

Summertime . . . the best of what can be!

50 YEARS WSRec WEST SHORE RECREATION COMMISSION

Learn and Explore S.T.E.M activities for kids grades 1 - 8



Summer Sun, Summer Fun

- Radical Racers
- Video Game Design
- Stop-Motion Animation
- Arcade Electronics Galore
- Bridge Builders Camp



West Shore Recreation Commission www.westshorerec.org 717-920-9515

LOWER ALLEN TOWNSHIP

Founded 1850

2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011



2018 Newsletter Subscription Form

Yes! I am enclosing $5.00 with this completed form. Sign me up today for delivery of the Township News to my mail box, for a one time payment of only $5.00 for the entire year of 2018.

Name:_____**Phone#:** _____

Address: _____



NEW BUSINESSES IN LOWER ALLEN:

Cliff's Tavern – 1104 Carlisle Road

Calvary Chapel Harrisburg – 702 Lisburn Road

Green, manicured lawns are better at slowing runoff and reducing erosion than hard paved surfaces but they are usually achieved at a high environmental cost. Consider reducing or eliminating your lawn. Bay friendly landscaping helps create filters and habitats to slow runoff and keep sediment and nutrients out of waterways.

Here are eight key steps to ensuring a healthy, beautiful yard and clean rivers and streams:

1. **Test your soil**
   Find out what your lawn actually needs to thrive, and find organic, local materials to protect it.

2. **Feed the soil to feed the lawn: Proper use of fertilizers and compost is critical.** Choose natural, organic fertilizers, or create your own organic compost to give your lawn the nutrients—and only those nutrients—it needs. The best alternative to water-soluble chemical fertilizers for your lawn and garden is compost. You can make your own from food waste, grass clippings, yard waste, and other natural ingredients, or purchase it from garden centers.

   Nutrient and mineral-rich compost:
   - Improves the productivity and health of the soil,
   - Increases rainfall and runoff absorption, and
   - Slowly releases nitrogen to your plants (and not the Bay) where it is needed the most.

   A compost "bin" can be as simple as a pile of leaves left to decompose in a corner of your yard or it can be a purchased container made to speed up the decomposition process.

   The best compost is a mix of:

   - Two (2) parts "green" material: vegetable peelings, coffee grounds, egg shells, wilted flowers, and grass clippings (do not use animal products such as meat or fats); and
   - One (1) part "brown" material: raked leaves, grass clippings, straw, hay, sawdust.
   - Add water if necessary to keep the pile from drying out, but don't let it get soggy. Turn it every now and then to circulate the material, add oxygen, and speed up decomposition.

3. **Mow high**
   Don't cut your grass too short. Taller grasses help prevent weeds, allow roots to reach deeper and reduce runoff, and stay green longer during drought. A height of 2 1/2 to 3 inches is ideal.

4. **Pick the right grass seed**
   Do your research to select the best grass for your lawn.

5. **Water thoughtfully**
   Don't overwater your lawn. In fact, excess water can cause disease. During the hot summer, it is normal for the grass to go dormant, and the tops of grass blades to go brown.

6. **Deal with lawn problems safely**
   Weeds can be removed by hand, or with natural products like corn gluten or vinegar. Most insects and "nuisance" animals, like moles, aerate the soil and are actually good for your lawn!
   - Use a weed-popper or trowel to remove individual weeds
   - Spray full strength vinegar on young leaves (works especially well on a hot day)
   - Burn weeds with a propane torch
   - Pour boiling water over weeds
   - Feed lawn with compost or organic fertilizers, so grasses outcompete the weeds
   - Learn to live with a dandelion or two

7. **Minimize pollution from lawn equipment**
   A gas-powered push mover used for one hour produces as much air pollution as ten cars driven the same amount of time.

8. **Reduce your lawn**
   Great expanses of grass are not your only option. Consider enlarging flower beds, planting native shrubs under large trees, letting fallen leaves serve as compost, and creating a rain (or wetland) garden in wet areas. Smaller lawns need less water, maintenance (mowing, watering, and fertilizing), and toxic chemicals.
   - Determine how much of your lawn you actually use (for a play area, paths and walkways, access to the mailbox, or utility areas).
   - Plant alternatives to lawn area, such as islands of trees and shrubs or a no-mow meadow.
   - Bring the edge of your property closer by densely planting a mixture of native trees and shrubs. The result in a short time is a wooded area that you don't have to mow and provides many wildlife benefits.

Good Recipes for a Chesapeake Bay Pollution Diet

The term “residential stewardship practices” refers to the installation of one or more of the following practices on existing residential properties:

- Rain gardens
- Rainwater harvesting/Rain barrels
- Downspout disconnections
- Permeable hardscapes (e.g., sidewalks, driveways)
- Urban nutrient management
- Tree planting
- Impervious cover removal

These practices may be installed by the homeowner or by a private contractor however they should conform to minimum design standards. Residential stewardship practices can also provide other important benefits to a community, such as:

- Removing toxic pollutants and harmful bacteria from local waterways
- Preventing basement flooding, backyard erosion and drainage problems on the property
- Increasing tree canopy and provide wildlife and pollinator habitat
- Engaging the public in local watershed protection
- Creating more attractive lawns and landscapes

WHERE TO FIND THE BEST OPPORTUNITIES

In general, residential stewardship practices can be implemented in the following locations:

- Rain Gardens: below downspouts or in low areas to where water flows
- Rainwater Harvesting: above or below-ground, to where one or more downspouts can be diverted
- Downspout Disconnection: below downspouts with sufficient surrounding green space
- Permeable Hardscapes: in place of residential driveways, parking areas, sidewalks, and impermeable hardscapes
- Urban Nutrient Management: on lawns and landscaping currently being fertilized
- Tree Planting: in yards or stream buffers
- Impervious Cover Removal: anywhere there is excess asphalt, concrete, or compacted gravel

WHY IS STORMWATER A PROBLEM?

In 2016, DEP labeled approximately 19,000 miles of rivers and streams in Pennsylvania impaired for water supply, aquatic life, recreation, or fish consumption. Stormwater runoff pollution is one of the biggest reasons for this impairment.

Over the past 100 years, streets, parking lots, sidewalks, and roofs have been a steadily increasing part of our communities as we've developed more and more of the landscape. As a result, rain that would otherwise soak into the ground instead rushes over these nonporous surfaces and into storm drains, which send it directly into rivers and streams.

Stormwater carries an enormous amount of pollution, including sediment, car oil, lawn fertilizers, pesticides, pet poop (and viruses and bacteria), and cigarette butts. As you might expect, this has many negative impacts on streams and rivers.

- Rivers are the source of our drinking water supply; when rivers aren't healthy, public health risks increase.
- Sediment harms aquatic life when it smothers macroinvertebrates and clogs spaces between rocks, destroying essential habitat for many species.
- Fertilizers stimulate excessive algae growth, causing algal blooms that remove oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels.
- Bacteria and other pathogens can wash into swimming areas and create health hazards, making beach closures necessary.
- Debris—such as plastic bags, six-pack rings, and cigarette butts—washed into rivers can choke, suffocate, or disable ducks, fish, turtles, and birds.
- Household hazardous wastes like insecticides, pesticides, paint, solvents, and motor oil can poison aquatic life.
- Land animals and people can become sick or die from eating diseased fish and shellfish or ingesting polluted water.
- Because groundwater levels don't get fully replenished, springs and wells can go dry.

More information about how to be Stormwater Smart is available on the DEP website: http://www.dep.pa.gov/Business/Water/CleanWater/StormwaterMgmt/Pages/Be-Stormwater-Smart-.aspx

Pet Waste and Stormwater

Pet waste is a health risk to pets, people, and especially children. Pet waste is full of bacteria that if not properly disposed of can end up in our streams, lakes, and rivers. The bacteria can ultimately end up in our fish and aquatic life. The pathogens in pet waste can lead to a high biological oxygen demand in our streams and rivers causing algal blooms which deplete oxygen from the water and deprive aquatic life making it difficult to survive.

What can you do?

- Pick up your pet waste and place in a plastic bag. Ensure the bag is tied shut and dispose of properly.
- Clean up your yard of pet waste and dispose of properly. Pet waste is **NOT** a fertilizer.
- Avoid walking your pet near streams and waterways.

We love our animals but we must take responsibility for the waste they generate. Be proactive in protecting our environment! Pick up after you pet and dispose of the waste properly to make a positive impact on water quality in Lower Allen Township.

For more information on pet waste and what you can do to protect the environment visit: www.epa.gov/nutrientpollution

MINUTES

BOARD OF COMMISSIONERS **LOWER ALLEN TOWNSHIP**

REGULAR MEETING **FEBRUARY 12, 2018**

The following were in ATTENDANCE:

BOARD OF COMMISSIONERS
Jack R. Simpson Jr., Vice President
Richard F. Schin
Dean W. Villone
Carolyn Holtzman

TOWNSHIP PERSONNEL
Thomas G. Vernau Jr., Township Manager
Erin G. Trone, Assistant Township Manager
David Holl, Public Safety Director
Daniel Flint, Public Works Director
Leon Crone, Police Captain
Richard Grove, Finance Director
John Eby, Building & Zoning Coordinator
Steven P. Miner, Solicitor
Julie Echterling, Recording Secretary

Vice President Simpson called the February 12, 2018 Regular Meeting of the Board of Commissioners to order at 7:00 pm followed by a prayer and the Pledge of Allegiance. He announced that Proof of Publication was available for review. President Black was absent with excuse.

MEETING MINUTES

Commissioner **VILLONE** made a motion to approve the minutes from the January 22, 2018 meeting of the Board of Commissioners. Commissioner **SCHIN** seconded the motion. Motion carried 4-0.

AUDIENCE PARTICIPATION: ANY ITEM ON THE AGENDA

There was no response.

BID OPENING: 2018 LACP IN-PLACE ASPHALT RECYCLING AND REPAVING PROJECT:

The following bids were opened:

1. Recon Construction Services - $358,677 with a bid bond.
2. Kinsley Construction - $359,890 with a bid bond.

CONSENT AGENDA

Vice President Simpson asked that any Commissioner, staff member, or anyone in attendance who would like to have an item on the Consent Agenda removed for further discussion can request so now. He removed the Tax Collector's monthly report from the consent agenda.

Commissioner **SCHIN** made a motion to approve the following items on the Consent Agenda:

1. Waiver of the requirement contained in Section 192-57.C(9) to provide sidewalks along all street frontage, until such time as the installation of same has been deemed necessary by the Township for the health, safety or welfare of the general public, for SLD Docket No. 2018-01, Minor Subdivision Plan for Tatiana's Restaurant, LLC and Gettysburg Road Investors, LLC. These improvements shall be made at the owner's expense. This is a covenant running with the land, which shall bind the owners, their successors, heirs and assigns.

2. Waiver of the requirement contained in Sections Section 192-57.B(2)(h)[2] and 192-57.C(8) to provide curbs on all street frontage, until such time as the installation of same has been deemed necessary by the Township for the health, safety or welfare of the general public, for SLD Docket No. 2018-01, Minor Subdivision Plan for Tatiana's Restaurant, LLC and Gettysburg Road Investors, LLC. These improvements shall be made at the owner's expense. This is a covenant running with the land, which shall bind the owners, their successors, heirs and assigns.
3. Waiver of the requirement contained in Sections Section 192-57.B(2)(h)[2] 192-57.C(13) to provide fill-in paving, until such time as the installation of same has been deemed necessary by the Township for the health, safety or welfare of the general public, for SLD Docket No. 2018-01, Minor Subdivision Plan for Tatiana's Restaurant, LLC and Gettysburg Road Investors, LLC. These improvements shall be made at the owner's expense. This is a covenant running with the land, which shall bind the owners, their successors, heirs and assigns.

These waivers are not contrary to the public interest, and they maintain the purpose and intent of the Subdivision and Land Development Ordinance.

4. SLD Docket No. 2018-01, Minor Subdivision Plan for Tatiana's Restaurant, LLC and Gettysburg Road Investors, LLC.
5. Waiver of the requirement contained in Section 192-57.C(9) to provide sidewalks along all street frontage, until such time as the installation of same has been deemed necessary by the Township for the health, safety or welfare of the general public, for SLD Docket No. 2018-02, Minor Subdivision and Land Development Plan for Windsor Park Shopping Center. These improvements shall be made at the owner's expense. This is a covenant running with the land, which shall bind the owners, their successors, heirs and assigns.

This waiver is not contrary to the public interest, and it maintains the purpose and intent of the Subdivision and Land Development Ordinance.

6. SLD Docket No. 2018-02, Minor Subdivision and Land Development Plan for Windsor Park Shopping Center.

Commissioner **VILLONE** seconded the motion. Motion carried 4-0.

Commissioner **SCHIN** made a motion to accept the Tax Collector's January 2018 monthly report as presented. Commissioner **HOLTZMAN** seconded the motion. Motion carried 4-0.

VICE PRESIDENT SIMPSON

Commissioner **SCHIN** made a motion to approve the Check Register of February 2, 2018 in the amount of $136,643.36, the Manual Check Register of January 22, 2018 in the amount of $70,441.88, and the Voided Check Register of January 31, 2018 in the amount of $ 607.00. Commissioner **VILLONE** seconded the motion. Motion carried 4-0.

Resolution 2018-R-06, Appointing Molly E. Curtis to the Position of Emergency Medical Technician II

Commissioner **HOLTZMAN** made a motion to adopt **Resolution 2018-R-06**, appointing Molly E. Curtis to the position of Emergency Medical Technician II, Public Safety Department, effective February 14, 2018. Commissioner **VILLONE** seconded the motion. Motion carried 4-0.

Resolution 2018-R-07, Appointing Rebecca L. Davis to the Position of MS4 Coordinator
Commissioner **HOLTZMAN** made a motion to adopt **Resolution 2018-R-07**, appointing Rebecca L. Davis to the position of MS4 Coordinator, Community and Economic Development Department, effective February 13, 2018. Commissioner **VILLONE** seconded the motion. Motion carried 4-0.

ANY BUSINESS PERTINENT TO THE TOWNSHIP

There was no response.

TOWNSHIP ENGINEER

Stormwater Fee Study Project
Mr. Flint discussed the proposal process and Selection Committee for choosing a consultant for the Stormwater Fee Study Project. Arcadis US was chosen over the six submitted proposals for $62,000. Commissioner Villone asked if there would be additional expenses and Mr. Flint stated that there could be depending upon the parcels.

Commissioner **VILLONE** made a motion to execute a contract with Arcadis U.S., Inc. in the amount of $62,000 for professional services associated with the Stormwater Fee Study Project. Commissioner **SCHIN** seconded the motion. Motion carried 4-0.

Public Works Facility Building Expansion Project
Mr. Flint discussed the proposal process and Selection Committee for choosing a design contract for the Public Works Facility Building Expansion Project. Twelve proposals were received, and Buchart Horn Architects were chosen for $69,000 with a $5,000 contingency for geotechnical testing. He spoke about the initial estimates for the building and the smaller building being proposed. Commissioner Schin went on the record that he would like to see the building come in around $500,000 which was discussed last year. Discussion ensued.

Commissioner **HOLTZMAN** made a motion to execute a contract with Buchart Horn Architects in the amount of $69,000, with a $5,000 contingency for geotechnical testing, if needed, for professional design services associated with the Public Works Facility Building Expansion Project. Commissioner **VILLONE** seconded the motion. Motion carried 4-0.

Purchase Ferris 72-inch Zero Turn Mower
Commissioner **VILLONE** made a motion to approve the purchase of a Ferris 72-inch Zero Turn Mower with dump from seat collection system from Lawn and Golf Supply Co., Inc. on state contract in the amount of $14,969. Commissioner **SCHIN** seconded the motion. Motion carried 4-0. Commissioner Holtzman questioned why we purchase so many mowers.

Revised Subdivision and Land Development Plan for Arcona, Phases 2.1 and 2.2
Mr. Flint stated that the plans for Arcona Phases 2.1 and 2.2 have been recorded. As Charter started working, they realized they needed to make some adjustments including elevating the structure by 2 feet. He would like to record the revised plans. He asked the Board if they would be okay with approving the changes or want the planning process to start for these changes. The consensus of the Board was to have the Board approve it and inform the Planning Commission of the changes.

COMMUNITY AND ECONOMIC DEVELOPMENT

Resolution 2018-R-08 - Amending the 2018 Lower Allen Township Fee Schedule
Mr. Eby spoke about the current process for establishing permit fees and the proposed process. The proposed process would use preceding August edition of the ICC BVDT in the fee calculation. The

current fee resolution states the edition in effect when the application is submitted. Solicitor Miner recommends this change. Discussion ensued.

Commissioner **SCHIN** made a motion to adopt **Resolution 2018-R-08**, a resolution amending Resolution 2017-R-41 which established the 2018 Lower Allen Township fee schedule, by identifying the August 2017 edition of International Building Valuation Data Table as the specific source of building valuation that must be used when computing Uniform Construction Code permit fees for new buildings. Commissioner **VILLONE** seconded the motion. Motion carried 4-0.

2017 Comprehensive Plan

Mrs. Trone stated that a public hearing was conducted tonight at 6pm for the Comprehensive Plan. The hearing was closed, and the next step is to adopt the plan which can be done at the February 26th meeting. She stated that the two requested changes from the Development Authority will be incorporated.

COMMISSIONERS REPORTS

Commissioners Villone and Holtzman spoke highly of the PEMA training they attended. He asked about the MS4 Coordinator work for the next few months. Mr. Flint stated that she would be working on the MS4 permit, public outreach, annual report, and the Chesapeake plan and working with the study for the tax.

Director Holl thanked the Board for attending the PEMA training. He spoke about the progress of the new Lower Allen Township engine and hopes to have an official housing in June. He spoke about the progress with the Alpine software for the fire companies. He thanked Captain Crone for his work with PLEAC, as the reviewers were here for the accreditation.

Vice President Simpson spoke with senators and the Department of Transportation. He asked about passing local radar use and was met with resistance. He spoke to representatives about the pension situation and how 401k programs attract workers in the private sector.

ADJOURNMENT

The Regular Meeting of the Board of Commissioners adjourned at 7:48 pm to executive session to discuss:

1. Solicitor - LATA

MINUTES

BOARD OF COMMISSIONERS **LOWER ALLEN TOWNSHIP**

REGULAR MEETING **MARCH 12, 2018**

The following were in ATTENDANCE:

BOARD OF COMMISSIONERS
H. Edward Black, President
Jack R. Simpson Jr., Vice President
Richard F. Schin
Dean W. Villone
Carolyn Holtzman

TOWNSHIP PERSONNEL
Thomas G. Vernau Jr., Township Manager
Erin G. Trone, Assistant Township Manager
David Holl, Public Safety Director
Daniel Flint, Public Works Director
Richard Grove, Finance Director
John Eby, Building & Zoning Coordinator
Steven P. Miner, Solicitor
Julie Echterling, Recording Secretary

President Black called the March 12, 2018 Regular Meeting of the Board of Commissioners to order at 7:00 pm followed by a prayer and the Pledge of Allegiance. He announced that Proof of Publication was available for review.

MEETING MINUTES

Commissioner **VILLONE** made a motion to approve the minutes from the February 26, 2018 meeting of the Board of Commissioners. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

AUDIENCE PARTICIPATION: ANY ITEM ON THE AGENDA

There was no response.

BID OPENING: 2018 STREET PAVEMENT

The following bids & bid bonds were received for the 2018 street pavement recycling and resurfacing project:

1. Kinsley Construction - $569,984.00
2. Pennsy Supply, Inc. - $598,378.40

PRESENTATION: MS4

Rebecca Davis provided a presentation to the Board on the Township's Stormwater Management Program as part of the National Pollutant Discharge System (NPDS) Phase 2 Municipal Separate Storm Sewer System (MS4) Permit. She provided a background on why and how the program works. She discussed example pictures where pollutants were able to infiltrate the storm sewer system. Storm water pollutants were discussed, including sediments. She discussed the following Township storm water program Minimum Control Measures (MCMs):

1. Public Education and Outreach
2. Public Involvement/Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-Construction Storm Water Management
6. Pollution Prevention/Good Housekeeping.

She spoke about the annual report and permitting process for the Township. She discussed the Chesapeake Bay Pollution Reduction Program for the Township including the requirement to reduce pollutants within the next 5 years by 10%.

Commissioner Schin asked how the Township could control some of the issues discussed including oil on the street. Mrs. Davis stated that educating the public is the best way to help control these issues. Commissioner Simpson asked about how the stormwater fee would affect places like the Capital City Mall. Mr. Vernau spoke about the consultant study and how they would be assisting the Township with developing a fee. Commissioner Simpson asked about the requirement we have about no grass clippings in the street but then ask the residents to rake all their leaves into the street. He thought maybe having the leaves put in the yard close to the street would be better. Mr. Flint discussed the pickup program the Township has and hadn't considered leaving them in piles in the yards. The Board thanked Mrs. Davis for her presentation.

CONSENT AGENDA

President Black stated that any Commissioner, staff member, or anyone in attendance who would like to have an item on the Consent Agenda removed for further discussion can request so now. There was no response.

Commissioner **SCHIN** made a motion to approve the following items on the Consent Agenda:

1. SLD Docket No. 2017-06, Revised Overall Master Plan (OMP) for Arcona. Traditional Neighborhood Development (TND) on 247 acres.
2. Modification of the requirement contained in Section 192-57.C(9) to provide sidewalks along all street frontage for SLD Docket No. 2017-07, Preliminary Subdivision and Land Development Plan for Arcona Phase 2.3, to allow: construction of a bituminous path in lieu of a concrete sidewalk along the west side of Arcona Road and the east side of Strong Road; and to allow construction of sidewalk on one side of Market House Lane and Ruth Way, in the locations shown, such that no sidewalk would be constructed along the Arcona Green frontage with these streets.
3. Waiver of the requirement in Section 192-57.B(2)(b) that new lots have frontage and access on a street for SLD Docket No. 2017-07, Preliminary Subdivision and Land Development Plan for Arcona Phase 2.3, to allow frontage and access from alleys.
4. Modification of the curb construction requirements in Section 192-63.A(3) for SLD Docket No. 2017-07, Preliminary Subdivision and Land Development Plan for Arcona Phase 2.3, to allow construction of Belgian Block Curbs in the locations shown on the plan.

These waivers and modifications are not contrary to the public interest, and they maintain the purpose and intent of the Subdivision and Land Development Ordinance.

5. SLD Docket No. 2017-07, Preliminary Subdivision and Land Development Plan for Arcona Phase 2.3. Proposed mixed-use development of 13.331 acres with: 99 attached single-family dwelling units; 18,000 square feet of commercial space; and 1.75 acres of open space.
6. Modification to the requirement in Section 192-51,C for SLD Docket No. 2018-03, Final Subdivision and Land Development Plan for Arcona Phase 2.3, to allow the Final Plan to be recorded prior to issuance of a Highway Occupancy Permit (HOP) by PennDOT. The HOP must be issued prior to occupancy of any units within the Plan.
7. Modification to the requirements of Section 192-60.I for SLD Docket No. 2018-03, Final Subdivision and Land Development Plan for Arcona Phase 2.3, to allow fees in lieu of recreation land to be paid as construction permits are issued, rather than before the plan is recorded.

These waivers and modifications are not contrary to the public interest, and they maintain the purpose and intent of the Subdivision and Land Development Ordinance.

8. SLD Docket No. 2018-03, Final Subdivision and Land Development Plan for Arcona Phase 2.3. Proposed mixed-use development of 13.331 acres with: 99 attached single-family dwelling units; 18,000 square feet of commercial space; and 1.75 acres of open space contingent upon the following:
    a. Providing the executed Developers Agreement and related Improvement Security.
    b. Approval by Cumberland County Conservation District.
    c. Approval by Lower Allen Township Authority and PaDEP.
9. Release Fire Captain Frank Wirth from Probationary Period.

Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

PRESIDENT BLACK

Check Register

Commissioner **SCHIN** made a motion to approve the Check Register of March 1, 2018 in the amount of $166,553.04, Voided Check Register of February in the amount of $2,588.69 and Replacement Check Register of February in the amount of $277.50. Commissioner **VILLONE** seconded the motion. Motion carried 5-0.

Wass Park – Memorial for Jim Chianos

Commissioner **SCHIN** made a motion to name Field #2 at Wass Park Chianos Field in memory of Jim Chianos. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Mr. Vernau stated that there would be a dedication and spoke about the funds received in his honor. He stated that Greg Black would donate a tree for the field. He spoke about the history of memorial requests for the Township and our policy that plaques be limited in size.

ANY BUSINESS PERTINENT TO THE TOWNSHIP

There was no response.

PUBLIC SAFETY

Ordinance 2018-02, amending Chapter 61, Alarms

Director Holl spoke about the needed changes in the Alarm Ordinance. He spoke about the language update to include changes in technology. He discussed some corrections and additions that were needed and added.

Commissioner **SCHIN** made a motion to authorize the advertising of Ordinance 2018-02, deleting Chapter 61, Alarms, of the Codified Ordinances of Lower Allen Township and enacting new Chapter 61, Alarms. Commissioner **VILLONE** seconded the motion. Motion carried 5-0.

Permission to activate the Civil Service Commission.

Director Holl asked the Board to activate the Civil Service Commission. Staff would like to participate in the Cumberland County Police Testing Consortium in May. While there are no new officers budgeted, participating would provide the ability to create a list of eligible candidates in case a need arises.

Commissioner **SCHIN** made a motion to activate the Civil Service Commission. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Purchase three Ford AWD Police Interceptor Utility (SUV) Explorer Vehicles.
Director Holl discussed the purchase of three Ford All-Wheel Drive Police Interceptors as outlined in the 2018 budget. He stated that the budgeted amount per vehicle is $40,000, and they are available for $30,565.68 each. This will leave funds to change over the equipment and outfit the vehicles with replacement equipment where necessary. The Board agreed to the purchase.

Preemption Device Addition to Carlisle Road and Gettysburg Road Intersection.
Director Holl discussed his memo for upgrading the Carlisle Road and Gettysburg Road signal with an Emergency Vehicle Preemption device. The cost of $7,500 is less than the $10,000 budgeted. The Board agreed to the purchase.

COMMUNITY AND ECONOMIC DEVELOPMENT

Sidewalk Inspection Program
Mrs. Trone discussed her memo outlining the changes to the Sidewalk Inspection Program staff would like to make. In 2018, the sidewalk inspections would be done in western Highland Park. She discussed the current system and how they would like to start to inform the residents in January that sidewalks need to be replaced. She spoke about the goodwill and time it would provide the residents to save for the repair/replacement. Commissioner Simpson asked if there was a list of contractors that could be provided to residents. Mr. Vernau stated that in the past they did an RFP and presented it to the residents if they wanted to use that contractor. He spoke about the issues this presented and how contractors may not want to participate. Commissioner Simpson and Villone asked if they could include an expected price by foot in the letter to help the resident. Mr. Flint stated that staff can offer help at the site and we normally give 60 days to repair the sidewalks.

Zoning Hearing Board Report
Mr. Eby discussed Docket #2018-01 for Ruby Partners for the property located at 4937 Gettysburg Road. He showed the Board the location on the map. He spoke about their request to exceed the maximum building height requirements in the C-2 zone from 40' to 46'. He stated that the request is reasonable and in character to the surrounding area. He asked the Board to authorize the Solicitor to attend because of the unaddressed blight conditions of the property over the past 2 years.

Commissioner **SIMPSON** made a motion to authorize the Township Solicitor to attend the Zoning Hearing Board meeting on March 15, 2018. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

MANAGER

Public Hearing – Monday April 9th – Weis Market – Restaurant Liquor License
Mr. Vernau asked the Board for permission to advertise a public hearing to discuss the request by Weis Market to transfer a restaurant liquor license into the Township. He stated that they did this in the past with their location on Simpson Ferry Road.

Commissioner **SCHIN** made a motion to advertise a public hearing for 6:00pm on Monday April 9th, on the request by Weis Market, Inc to transfer Restaurant Liquor License R-15960 from New Cumberland Borough to Lower Allen Township for use at their store at 1195 Lowther Road. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Employee Recognitions
Mr. Vernau stated that Carole O'Keefe would be recognized for 5 years and Ken Rocuskie for 35 years of service at the next meeting.

COMMISSIONERS REPORTS

Mr. Flint stated that they checked out Belmont Ave from the resident's comments last meeting. They will be making improvements once the winter is over.

Mr. Eby spoke about the stakeholders' meeting held to discuss the upcoming summer and proper use of the water trail. The County will make public announcements. Messiah will use social media to inform the public when they are closed. He spoke about the upcoming Trout Day March 31st and the events for the day including cleanup efforts. Mr. Vernau reminded the Board about the Strategic Planning scheduled for March 31st at the Hershey Country Club. He will send a reminder.

Commissioner Villone spoke about the training with PML and the MS4 portion of the training. He provided the Township a signed book by James Hunt who wrote *The Amazing City*. He spoke about the great turnout for the Lisburn Fire Turkey Dinner. He asked about the Authority memo of the cost to connect being $19,000 and waiving $13,000 and asked where the monies came to waive it. Solicitor Miner stated that the Authority manages their monies well and these residents will have additional costs.

Commissioner Schin spoke about the letter the Board received from Lisburn Fire about Lisburn Road being closed and their festival. Mr. Vernau suggested that it may not be as bad as they think, and it will be a simple detour. Director Holl stated that he is working the Chief to develop trail blazer signs to help them find the detour. Commissioner Simpson asked if the soccer associations were notified of these detours. Commissioner Schin asked about the house across from the Capital City Mall. Mr. Eby stated that it is in living trust and not sure anyone is living there.

Director Holl stated that the Fire Companies did a great job with the fire last night on St. John's Road.

Mrs. Trone stated that she would be presenting at the March 23rd PA Summit on bike and pedestrian connections.

President Black stated that he attended the Lisburn Turkey dinner yesterday and was asked if for the New Year's Eve Celebration with raising the yellow breeches if it would be cheaper to change out the flag pole versus renting a lift each year. Also, residents are concerned about the increased truck traffic and speed on Lisburn Road. Director Holl stated that he reached out to PennDOT about lowering the speed on the road and they said no. President Black asked if we could send a letter about the trucks as there is little room for the residents to get their mail or cut their grass and are concerned for safety with the trucks. Commissioner Schin agreed with President Black.

ADJOURNMENT

The Regular Meeting of the Board of Commissioners adjourned at 8:52 pm.

MINUTES

BOARD OF COMMISSIONERS **LOWER ALLEN TOWNSHIP**

REGULAR MEETING **JUNE 11, 2018**

The following were in ATTENDANCE:

BOARD OF COMMISSIONERS
H. Edward Black, President
Jack R. Simpson Jr., Vice President
Richard F. Schin
Dean W. Villone

TOWNSHIP PERSONNEL
Thomas G. Vernau, Jr., Township Manager
Erin G. Trone, Assistant Township Manager
David Holl, Public Safety Director
Leon Crone, Police Captain
Dan Flint, Public Works Director
John Eby, Building & Zoning Coordinator
Richard Grove, Finance Director
Steven P. Miner, Solicitor
Tina Thomas, Recording Secretary

President Black called the June 11, 2018 Regular Meeting of the Board of Commissioners to order at 7:02 pm followed by a prayer and the Pledge of Allegiance. He announced that Proof of Publication was available for review. Commissioner Holtzman is absent with excuse.

MEETING MINUTES

Commissioner **VILLONE** made a motion to approve the minutes from the May 29, 2018 meeting of the Board of Commissioners as written. Commissioner **SCHIN** seconded the motion. Motion carried 4-0.

PRESENTATION

The upcoming stormwater project was the subject of a presentation by consultant Tony Dill from Arcadis US, Inc. He was joined by Tom Wilson from K&W Engineers. Mr. Dill spoke on why a program must be developed for Municipal Separate Storm Sewer System (MS4) and what options exist for funding the program. He explained the difference between a flat fee approach as opposed to a tiered fee system. He fielded questions from the residents who were in attendance as well as the Commissioners. A decision has not yet been made regarding the fees, but the Township anticipates fees beginning in 2019. President Black thanked the residents who attended the meeting for their interest and questions.

AUDIENCE PARTICIPATION: There was a request by a member of the audience to discuss item number 10 on the agenda.

CONSENT AGENDA

President Black asked that any Commissioner, staff member or anyone in attendance who would like to have an item on the Consent Agenda removed for further discussion request do so now. There was no response.

The items on the Consent Agenda were:

1. **Resolution 2018-R-21** for support of Stormwater Grant Applications
2. Side Letter Agreement between the Township and the Lower Allen Township Police Officers' Association to amend wording in Section 4.14 of the Collective Bargaining Agreement to reflect the correct percentage of pay increase for Acting Officers.
3. Tax Collector's May 2018 monthly report.

Commissioner **SCHIN** made a motion to approve the items on the Consent Agenda and Vice President **SIMPSON** seconded it. Motion carried 4-0.

PRESIDENT BLACK

Check Registers

Commissioner **SCHIN** made a motion to approve the Check Register of June 8, 2018 in the amount of $581,234.41. Vice President **SIMPSON** seconded it. Motion carried 4-0.

Commissioner **SCHIN** made a motion to approve the Manual Check Register of May in the amount of $94.44 and Commissioner **VILLONE** seconded it. Motion carried 3-0 with President Black abstaining due to having a relative who will benefit from the payment.

Promotion of Fleet Manager

Vice President **SIMPSON** made a motion to adopt **Resolution 2018-R-22** appointing Charles A. Reynolds as Fleet Manager of the Fleet Maintenance Department, effective June 12th, 2018. Motion was seconded by Commissioner **SCHIN** and carried 4-0.

Sale of Township Equipment

A motion was made by Commissioner **VILLONE** to adopt **Resolution 2018-R-23** authorizing the sale of Township property valued over $1,000. The items are a generator and a pump. Motion was seconded by Vice President **SIMPSON** and carried 4-0.

Release of Probation

There was a motion made by Commissioner **VILLONE** and seconded by Vice President **SIMPSON** approving the release of Sergeant Douglas Foltz from Probationary status effective June 26th, 2018. Motion carried 4-0.

There was a motion made by Vice President **SIMPSON** and seconded by Commissioner **SCHIN** approving the release of Maintenance Specialist Matthew Hammaker from Probationary status effective June 2tth, 2018. Motion carried 4-0.

Improvement Security Time Extension

A motion was made by Commissioner **SCHIN** to approve a time extension for Improvement Security for SLD #2005-24 at Liberty Point and establish a new amount of $85,425. 95. This extension carries until June 15th, 2019. Motion was seconded by Commissioner **VILLONE** and carried 4-0.

ANY BUSINESS PERTINENT TO THE TOWNSHIP

1. Terry Kaiser, 4126 Rosemont Ave, and Jill Itterly, 4124 Rosemont Ave, came to speak about concerns related to issues with a trailer park located behind their properties. Brush and rotted wood have been accumulating there and neighbors are seeing an increasing number of snakes and mice. Mr. Kaiser requested the Township's help in getting the property owner to clean up this area. President Black stated that the Township will pursue action to remedy the situation.

2. Amber Nagy, 925 Shetter Lane, requested permission to remove an unused section of sidewalk that is in front of her family's house. She would like to avoid maintaining this sidewalk as a large tree is causing it to raise up, and she would like to enlarge her yard. It was determined that she will need action from the Board at the next public meeting.

ENGINEER

PennDOT Reimbursement Agreement

A motion was made by Commissioner **SCHIN** to adopt **Resolution 2018-R-24**, authorizing the Township Manager to sign the Reimbursement Agreement with PennDOT for the Rossmoyne Road/Lisburn Road Roundabout Project. Mr. Flint stated that they are awaiting permit approval by PennDOT for the roundabout. Motion was seconded by Commissioner **VILLONE** and carried 4-0.

COMMUNITY AND ECONOMIC DEVELOPMENT

Letters of Credit

There will be two Letters of Credit Extension coming up at the next meeting. The first one is for SLD #2000-22, Heights of Beacon Hill, Phase 2. The second is for SLD #2005-22, Heights of Beacon Hill, Phase 3. This is necessary because the sidewalks have not been completed due to remaining open lots.

Resident Richard Bonneville, 1320 Brewster Court, wished to express his concerns on this matter. He stated that there are 5 plots currently not developed, but he feels it is likely that homes will be built on at least some of these. He asked the Board to keep the Letter of Credit going so that sidewalks can be added in this area in the future. He was told that the Township does not have a time limit for Letters of Credit for sidewalks.

Zoning Hearing Board Report

Mr. John Eby, Building and Zoning Coordinator, announced that there will be an additional Public Hearing held on June 21, 2018 for Docket #2018-04. This refers to the application made by Tony and Caryn Samento, P.O. Box 383, Dillsburg, PA for a variance from Section 220-24.A(2) of the Code of Lower Allen Township, side yard setbacks. They wish to construct a garage attached to a single family home at 1425 Main Street, Mechanicsburg. The posting went up today and neighbors will be receiving notices by mail.

Grant Application

Assistant Township Manager Erin Trone spoke about Land Partnership Grant Applications from Cumberland County which are due June 29th, 2018. In the past, the Township has received $33,000 for the Cedar Spring Run Park. This year she is hoping to obtain $20,000 toward the $40,000 Fun Fort project at

Lower Allen Community Park. She would also like to reconvene the Bicycle/Pedestrian Committee. A motion was made by Vice President **SIMPSON** and seconded by Commissioner **SCHIN** to pursue the grant.

MANAGER

Newspaper Litter

Township Manager Tom Vernau presented information he and the Solicitor have gathered since last month's newspaper distribution discussions. Discussion ensued on ordinances that some other communities have implemented to control litter in the form of unwanted newspapers. Solicitor Steve Miner stated that the Township cannot ban the newspapers but can regulate it. It can be prohibited on vacant lots, private property and sidewalks. Mr. Vernau said that he would work on a proposed ordinance and get back to the Board.

Pension Plan Discussion

The topic of pension plans was brought to the table and President Black as well as the Commissioners would like to have Mr. David Killick come back to help them with setting up a defined contribution plan. There was discussion as to what this will cost as well as if the meeting should be public or private. Mr. Miner advised that the meeting should be public unless it is considered educational. Mr. Killick will be contacted for an available time.

Employee Recognitions

There are several employees who will be recognized at the July 9, 2018 Board of Commissioners meeting for years of service.

COMMISSIONERS REPORTS

Mr. John Eby announced and encouraged participation in the upcoming Yellow Breeches Creek Cleanup to be held on Sunday, July 15th, 2018. He will be distributing flyers advertising his event. More information is available at YBWA.org. He stated that a permit has been authorized for demolition of the White Pines Building and was picked up so work should begin soon. No plans regarding this property have been received.

Township Manager Tom Vernau spoke about the upcoming Township Employee Picnic to be held at 11:30 am on Wednesday, June 20th, 2018 in the fire station bays. A Lower Allen Township night with Senators Baseball has been scheduled for July 28th, 2018. It will offer kids a chance to be on the field at the beginning of the game as well as discounted tickets and food vouchers. A prominent citizen can be selected to throw out the first pitch at the game if desired.

Commissioner Villone talked about his recent meeting with the CCTC Board, regarding state control of tax collections. They are currently trying to schedule a meeting with the Department of Revenue.

Vice President Simpson appreciates seeing increased police presence in his neighborhood recently.

Commissioner Schin stated that he has been seeing an increase in the "We Buy Houses" signs again in the Township.

Public Safety Director Dave Holl spoke about meeting with a representative from the Officer Phil program which educates children in grades K – 4. The representative will be seeking support from local businesses for booklets for the program as well as to pay an actor.

President Black stated that he enjoyed seeing the demonstration of the Township's new fire equipment tonight prior to the meeting.

RECESS TO EXECUTIVE SESSION

The meeting was recessed to executive session at 9:23 pm. Suspension of a part time employee was discussed as well as Development Authority negotiations for purchasing property and the tax sale of another parcel.

The Board reconvened at 10:07 pm and Vice President **SIMPSON** made a motion to adopt **Resolution 2018-R-25** authorizing the Township Manager to bid on land owned by DLM, LLC at the judicial sale on July 9th, 2018. Sum is not to exceed $5000.00. Commissioner **SCHIN** seconded the motion. Motion passed 4-0.

ADJOURNMENT

The Regular Meeting of the Board of Commissioners adjourned at 10:08 pm.

MINUTES

BOARD OF COMMISSIONERS **LOWER ALLEN TOWNSHIP**

REGULAR MEETING **JULY 10, 2017**

The following were in ATTENDANCE:

BOARD OF COMMISSIONERS
H. Edward Black, President
Peddrick Young, Vice President
Richard F. Schin
Carolyn Holtzman
Jack Simpson

TOWNSHIP STAFF
Thomas G. Vernau Jr., Township Manager
David Holl, Director of Public Safety
Daniel Flint, Community Development
John Eby, Building and Zoning Coordinator
Leon Crone, Police Captain
Steven P. Miner, Solicitor
Julie Echterling, Recording Secretary

President Black called the July 10, 2017 Regular Meeting of the Board of Commissioners to order at 7:00 pm. He followed with a prayer and the Pledge of the Allegiance. He announced that Proof of Publication was available for review.

MEETING MINUTES

Commissioner **SCHIN** made a motion to approve the minutes from the June 12, 2017 meeting of the Board of Commissioners. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

AUDIENCE PARTICIPATION: ANY ITEM ON THE AGENDA

Mr. Ryan Caboot asked to speak about the security reduction for Phases II and III in Beacon Hills.

SERGEANT'S PROMOTION CEREMONY-CORPORAL DOUGLAS L. FOLTZ

Director Holl spoke about the promotion process for the position of Sergeant. He spoke about the grueling testing. He stated that there were three candidates and Officer Foltz stood out as the top candidate. He spoke about Foltz's background including a BS in Criminal Justice, Army Reserves, and his advancements in his career as a Lower Allen Township Police Officer. Judge Clement administered Sergeant Foltz's oath of office. President Black read the Resolution passed for his promotion and thanked him for his work and dedication for the Township's citizens.

TOWNSHIP'S CHESAPEAKE BAY POLLUTION REDUCTION PLAN – PUBLIC REVIEW AND COMMENT

Mr. Flint stated that the MS4 permit application is due on September 16th. He said that the requirements of the public plan include 30 days for public comments and review. He stated that the plan is posted on the website and a copy is available at the front desk. He stated that this is the time and place for public comment and review of the Township's Chesapeake Bay Pollution Reduction Plan. He welcomed anyone from the public to comment on the plan. There were no comments offered by the public.

CONSENT AGENDA

President Black advised that any Commissioner, staff member, or anyone in attendance could request any item on the Consent Agenda be removed for further discussion and asked if there was such request. There was no response.

Vice President **YOUNG** moved to approve the following Consent Agenda items:

a. Moving Wendy Hayden from probationary to regular full-time employment status in the position of Administrative Assistant/Event Planner.
b. Tax Collector's June 2017 monthly report.
c. Department Reports for the month of May for Community Development, Township Engineer, Public Works, Fleet Maintenance, and Public Safety.

Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

PRESIDENT BLACK

Approval of Check Registers

Vice President **YOUNG** made a motion to approve the Check Register of June 23, 2017 in the amount of $1,654,078.12. Commissioner **HOLTZMAN** seconded the motion. Motion carried 5-0.

Vice President **YOUNG** made a motion to approve Manual Check Register of June 2017 in the amount of $29.23 and Voided Check Register of June 2017, in the amount of $1,295.00. Commissioner **SCHIN** seconded the motion. Motion carried 4-0-1. President Black abstained as a family member was on the register.

Vice President **YOUNG** made a motion to approve Check Register of July 7, 2017 in the amount of $592,568.49. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Resolution 2017–R–17 - Funding Demolition of Blighted Properties

Commissioner **SCHIN** made a motion to Adopt **Resolution 2017–R–17** in support of the Cumberland County Commissioners establishing a deed transfer fee to fund demolition of blighted properties. Commissioner **HOLTZMAN** seconded the motion. Motion carried 5-0.

Resolution 2017-R-18 - Eagle Scout - Samuel Joseph Spalla

Commissioner **SIMPSON** made a motion to adopt **Resolution 2017-R-18**, a resolution of the Board of Commissioners of Lower Allen Township, Cumberland County, Pennsylvania, recognizing, commending and honoring Samuel Joseph Spalla for the attainment of the rank of Eagle Scout. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

Resolution 2017-R-19 - Eagle Scout- Spencer Ray Mulhearn

Vice President **YOUNG** made a motion to adopt **Resolution 2017-R-19**, a resolution of the Board of Commissioners of Lower Allen Township, Cumberland County, Pennsylvania, recognizing, commending and honoring Spencer Ray Mulhearn for the attainment of the rank of Eagle Scout. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

ANY BUSINESS PERTINENT TO THE TOWNSHIP

There was no response.

PUBLIC SAFETY

West Shore Fire Departments Cooperation Discussions

Director Holl stated that fire chiefs from many of the West Shore fire departments have been meeting Saturday mornings to discuss staffing issues. He stated that 10 years ago, there were around 300,000 volunteer firefighters in the Commonwealth and today there are about 50,000. He stated that the meetings are well attended and there has been positive input. He stated that as the meetings continue, any

recommendations will be passed onto the Board. He spoke about some of the challenges with fire departments. He spoke about the Fire Captain coming onboard to help with the Township's departments on recruiting. The Board asked how many people respond to a fire call. Mr. Dave Murdoch, Lower Allen Fire Company Deputy Chief, stated that normally 7-8 people, which include hired PSOs. He spoke about issues with employers not allowing employees to leave to fight a fire. Commissioner Simpson suggested offering an incentive to companies who allow their employees time off to fight fires.

COMMUNITY DEVELOPMENT

Ordinance 2017-03 - Indoor Agricultural Growing Operations

John Eby discussed proposed Ordinance 2017-03 and the steps it has gone through to get County and Township planning commissions review. Commissioner **SCHIN** made a motion to authorize the Solicitor to prepare an adjudication for **Ordinance 2017-03**, an ordinance amending the Code of the Township of Lower Allen, Chapter 220, Zoning, by adding specified indoor agricultural growing operations to the lists of permitted uses in the C-2, C-3, I-1 and I-3 zoning districts in the affirmative. Vice President **YOUNG** seconded the motion. Motion carried 5-0.

SLD Docket No. 2017-01 - PA American Water Co. Capital Campus

Mr. Flint stated that this plan was before the Board a few weeks ago. He spoke about the revised plan and the normal contingencies of the plan. He stated that because of stormwater and being downstream from Bethany Village, an agreement was needed. He received a copy of the agreement today. Mr. Joel Mitchell, PA American Water, spoke about working on the contingencies. He stated that they have the bid process started and are interviewing contractors, but can't award the bid without a conditional approval from this Board. Mr. Tim Diehl, Engineer, stated that they have applied for the permit with PennDOT and they have received an email stating that there are no further comments and he expects the permit soon. Mr. Flint stated that once they have the conditions met, they can record the plan.

Commissioner **SCHIN** made a motion to approve a waiver of the requirement contained in Section 192-24.C to submit a Preliminary Plan for SLD Docket No. 2017-01, Final Land Development Plan for PA American Water Co. Capital Campus. Vice President **YOUNG** seconded the motion. Motion carried 5-0.

Commissioner **SIMPSON** made a motion to approve SLD Docket No. 2017-01, Final Land Development Plan for PA American Water Co. Capital Campus, 852 Wesley Drive, contingent upon the following:

1. Executing a Developers Agreement and providing Improvement Security.
2. Obtaining a Highway Occupancy Permit from PennDOT.
3. Lower Allen Township Authority approval.
4. Executing a Standard Stormwater Facilities and BMP Maintenance and Monitoring Agreement.
5. Providing documentation of approval from downstream property owner for stormwater discharge.

Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

Improvement Security - SLD Docket No. 2013-06 - Hollinger Office Building

Commissioner **SCHIN** made a motion to approve a reduction in Improvement Security for SLD Docket No. 2013-06, Hollinger Office Building, 4600 Lena Drive, establishing a new amount of $3,410.00 and a new expiration date of July 10, 2018. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Improvement Security -SLD Docket No. 2000-11 - Heights of Beacon Hills, Phase 2 & 3

Mr. Flint spoke about the request for a reduction in improvement security for Phase 2 of the Heights of Beacon Hills. Mr. Ryan Caboot, 1605 Cobble Court, thanked everyone involved with the public meeting with the residents of the Heights of Beacon Hills. He spoke about how they are working on identifying issues in the common space areas. He asked what the outstanding security was and requested that no action be taken on this matter until they the residents have a chance to work together on the outstanding issues. Mr. Flint stated that the outstanding security is $7,175.03. The security was for sidewalks for four lots and three of the four lots have had sidewalks installed. Solicitor Miner stated that the security was set aside for certain work and if the work is completed the security must be released.

Mr. Caboot asked about security for Phase 1, as there are curbing and sidewalks not installed. Mr. Flint stated that all the required items were completed and there is no security being held for Phase 1. Mr. Caboot wants to make sure everything is done in Phase 2 and Phase 3. He spoke about Phase 3 and the concerns with the stormwater system. He stated that the five detention ponds were never installed and they don't have the official notice from the Conservation District that what they have is acceptable.

Mr. Flint stated that there is $16,256.55 for Phase 3, which half was for sidewalks and half was for the basin. He spoke about the temporary stormwater measures which were reviewed by the Conservation District. They stated that the necessary items have been done for it to be released, however the permit is with DEP. The permit is between the prior developer/owner and the DEP, and there is nothing the Township can do to get them to release it as they aren't the permitee. He spoke about working with the District and DEP to close it out. The Board discussed being comfortable with releasing Phase 2 but not Phase 3. Solicitor Miner stated that there isn't any justification to hold the security. Discussion ensued.

Commissioner **SCHIN** made a motion to approve a reduction in Improvement Security for SLD Docket No. 2000-11, Heights of Beacon Hill, Phase 2, establishing a new amount of $2,646.79 and a new expiration date of July 10, 2018. Commissioner **SIMPSON** seconded the motion. Commissioner Schin asked the Solicitor, for the record, if he sees any reason for the Board to not vote in the affirmative on this action and Solicitor Miner stated that he made this perfectly clear. Motion carried 5-0.

Commissioner **SCHIN** made a motion to approve a reduction in Improvement Security for SLD Docket No. 2005-22, Heights of Beacon Hill, Phase 3, establishing a new amount of $8,010151.58 and a new expiration date of July 10, 2018 based on the recommendation of the Solicitor. Vice President **YOUNG** seconded the motion. Motion carried 4-1, with Commissioner Simpson opposing.

Other Items

Mr. Flint spoke about the home on Lisburn Road where the Township helped the resident apply to FEMA for repetitive losses for flood damage. The application was approved today and he received six emails with 92 attachments. He wanted the Board to know in case there is any action is necessary at the next meeting.

MANAGER

Act 172 - tax credits for volunteer firefighters

Mr. Vernau discussed Act 172 and how he had been waiting for guidance and sample ordinances to come out. He stated that there are two types of tax credits, earned income and property tax. Mr. Grove prepared a memo based on the Township's length of service award program criteria of who would be eligible and the potential impact. He stated that there are currently 19 people eligible for an earned income tax credit based on length of service eligibility and Township residency, and 12 people eligible for the real estate tax credit. He asked the Board for their input. Commissioner Schin thinks this will be helpful with the issue

of recruiting firefighters. President Black asked if the Commonwealth will reimburse us for the credits and Mr. Vernau said no. Mrs. Mary Ellen Banks, member of Lisburn Community Fire Company thanked the Board for considering it. She reminded the Board that Lisburn has a lot of administrative hours for running the Fire Company and fundraising. She stated that these volunteers aren't included in the length of service which was done in 1996. Discussion ensued.

Mr. Vernau asked the Board about forming a committee to determine the how to proceed. The committee would consist of himself, Director Holl, Mr. Grove, and the Fire Chiefs for both companies. The consensus of the Board was to proceed with the committee. President Black and Commissioner Schin both agreed it would be short sighted to not include administrative volunteers in this, as they administer a lot of the duties which allows the firefighters to do their job.

Electronics Recycling Event on October 7th

Mr. Vernau stated that Cumberland County just opened their electronic recycling center with a cost per pound for residents. The Township is scheduled for an electronic recycling event on October 7th and he asked the Board if they would like to charge for certain items. Discussion ensued. The Board agreed not charge any fees for this event, but this would be the last electronics recycling event held by the Township.

2017 Health Insurance Claims to Date.

Mr. Vernau wanted to update the Board on the health insurance claims received so far, this year. He met with Benecon and the claim level is 1.5 times what it was last year. The main contribution to this increase is prescription drugs. One drug has cost $115,000 so far, this year. Based on the current level, there is an expectation of a premium increase of 19-20% but an exact number won't be known until October. He spoke about the large trust the Township is in and how it spreads the risk and costs across many lives. President Black believes we need to shop around if the premiums will be up that much. Mr. Vernau spoke about other options including Caremark and higher deductibles. Discussion ensued. Mr. Vernau will be looking at other options for 2018.

Dairy Farmers of America Tour

Mr. Vernau asked the Board if they were interested in a tour of the Dairy Farmers of America plant. President Black spoke about touring the plant and thought it would be interesting for the rest of the Board to see the facility. Mr. Vernau will send an email with potential dates.

COMMISSIONERS REPORTS

Mr. Flint spoke about the sidewalks being completed on Hartzdale Drive. He spoke about the Beacon Hill trail extension progress and stated that it should be done in August. Mr. Eby spoke about the annual cleanup on the Yellow Breeches Creek scheduled for July 23 at 11am. Information is on the website. He spoke about working with Messiah College and Public Safety on issues on the creek. He and Mr. Vernau spoke about how some groups use social media to reach out and 200 kayakers will show up and use Messiah College to launch. There are two upcoming weekends where Messiah College has events on their campus and will close the parking lots to the public. Mr. Vernau has heard they will try and put in at LACP and he is reaching out to tell them that they need a permit for that many people.

Mr. Vernau spoke about the new camera and intercom system installed out front. Director Holl spoke about the software and cameras which will be able to capture license plates of vehicles coming in and out of the parking lot.

Commissioner Schin asked if he could get copies of the Development Authority's meeting notes. Mr. Vernau will take care of this.

Commissioner Holtzman asked for a sheet that outlines the ordinance that prohibits putting grass and twigs on the street. She has neighbors doing this and wants to put notices on their doors. Mr. Vernau stated that the normal protocol is for Codes to send them a letter, followed by a notice of violation, but he will send her something.

Solicitor Miner spoke about the residents of Beacon Hills and the meeting that took place last month. He stated that the residents were respectful and he appreciates the lawyers working on resolving this issue.

Director Holl spoke about the promotions to Corporal and stated that it would be on the agenda for July 24th. He spoke about attending the Lisburn Fire Company's meeting and listening to concerns about swimmers and parking on their lot. He and Captain Crone walked the area today and will continue to watch the areas. He will be providing some options to Lisburn's directors on how to deal with the parking issues. On July 24th at 6:00pm, he will be showing the Commissioners the use of force simulator. Mrs. Banks thanked Director Holl for his input.

President Black stated that there are some important things on the agenda for next meeting and he is sorry he will miss the meeting as he will be on vacation.

ADJOURNMENT TO EXECUTIVE SESSION

The Regular Meeting of the Board of Commissioners adjourned at 9:11 p.m. for the following personnel and legal discussions:

Executive Session: Personnel.

a. Fire Captain hiring update

MINUTES

BOARD OF COMMISSIONERS **LOWER ALLEN TOWNSHIP**

REGULAR MEETING **SEPTEMBER 25, 2017**

The following were in ATTENDANCE:

BOARD OF COMMISSIONERS
H. Edward Black, President
Peddrick M. Young, Sr., Vice President
Richard F. Schin
Jack Simpson
Carolyn Holtzman

TOWNSHIP STAFF
Thomas G. Vernau Jr., Township Manager
Erin G. Trone, Assistant Township Manager
David Holl, Director of Public Safety
Daniel Flint, Community Development
Leon Crone, Police Captain
Richard Grove, Finance Director
John Eby, Building and Zoning Coordinator
Steven P. Miner, Solicitor
Julie Echterling, Recording Secretary

President Black called the September 25, 2017 Regular Meeting of the Board of Commissioners to order at 7:00 pm. He followed with a prayer and the Pledge of the Allegiance. He announced that Proof of Publication was available for review.

MEETING MINUTES

Commissioner **SCHIN** made a motion to approve the minutes from the September 11, 2017 meeting of the Board of Commissioners. Commissioner **HOLTZMAN** seconded the motion. Motion carried 5-0.

AUDIENCE PARTICIPATION: ANY ITEM ON THE AGENDA

There was no response.

PRESIDENT BLACK

Approval of Check Registers

Vice President **YOUNG** made a motion to approve the Check Register of September 15, 2017 in the amount of $389,864.02. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

Commissioner **SCHIN** made a motion to approve the Department Reports for the month of August for Assistant Manager, Community Development, Township Engineer, Public Works, and Public Safety. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

ANY BUSINESS PERTINENT TO THE TOWNSHIP

There was no response.

PUBLIC SAFETY

Rear Parking Area Fencing – Phase 2

Director Holl discussed his memo outlining the 2017 capital budget item for the installation of a visual barrier and security enclosure in the rear parking lot. Due to the second phase of the project, the security fence, anticipated to be less than $19,700, we sought telephone quotes. Four companies were contacted, but only one responded. He asked the Board to approve the quote so work could be completed. President Black asked about safety. Director Holl spoke about moving the vehicles and the improved lighting to

help with safety. Commissioner Holtzman asked where the location of the fence and the lights was. Director Holl showed the Board the location on Google Maps and discussed the measures taken to improve safety. Discussion ensued.

Vice President **YOUNG** made a motion to approve the quote for the rear parking area fencing phase 2. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

COMMUNITY DEVELOPMENT

1852 Sheepford Road License Agreement

Mr. Eby discussed the history of the small flow treatment facility license agreement between the Township and the owners of 1852 Sheepford Road. He spoke about the inspections and submitting a report to DEP. He spoke about the process in place and how the permit could be pulled if necessary. He stated that if the Board agrees, the manager will reinstate the license and they will be able to get rid of the holding tanks.

Commissioner **SCHIN** made a motion to reinstatement of a license agreement between Lower Allen Township and CPR Property Rescue, LLC which allows treated, disinfected effluent from a small flow treatment facility at 1852 Sheepford Road to discharge through a township-owned storm drain pipe and reach a dry run on the opposite side of Sheepford Road, and this discharge is subject to a PA DEP NPDES permit # PAG043946. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

ISO Building Code Effectiveness Grading Schedule

Mr. Eby discussed the ISO Building Code Effectiveness Grading Schedule. The Survey results indicate a commercial code enforcement score regression from 2 to 9, and a residential code enforcement score regression from 3 to 9. The primary reason for this regression is that grading is heavily weighted upon the adoption of recent model codes by the Commonwealth, without amendments, that negatively impact health, safety and public welfare. Since the PA Uniform Construction Code (UCC) standards mandated by state statute and regulations are primarily based upon the 2009 ICC model codes, possible action includes contacting Senator Regan and Representative Delozier to request appropriate legislative and regulatory updates to the UCC. Discussion ensued. President Black suggested sending a copy of the letter to Representative Mehaffie as well. The consensus of the Board was to send a letter to the legislators.

SLD Docket No. 2017-05: Subdivision Plan for Arcona Neighborhoods

Mr. Flint discussed the proposed lot line adjustments and subdivision of four existing tracts, resulting in 10 lots, with a combined total of 185.23 acres. There is no development proposed with this plan. He showed the Board the plan on the map and discussed the three different ownerships of the land. He stated that the Planning Commission approved the plan and the waivers will only be applicable to this plan and not future plans. Discussion ensued. This plan will be ready for action at the next meeting.

Advertise Ordinance 2017-07, Traffic Control Devices

Mr. Flint spoke about updating the traffic controls and the process of updating the codified ordinances to reflect the traffic control changes in the Township, including new signage. He provided a draft ordinance. President **BLACK** asked how long it had been since we last enacted such an ordinance, to which Mr. Flint replied 4-5 years. Commissioner **SIMPSON** asked if we would consider updating these annually.

Commissioner **SCHIN** made a motion to authorize the advertising of Ordinance 2017-07. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

MANAGER

Status of Act 172

Mr. Vernau provided an update to the Board on the progress of the Firefighters tax credit. He stated that they had meetings with both Fire Companies that went very well. He discussed the two tax credits available for volunteers. He spoke about the eligibility criteria that would be for both companies with the Fire Chief being responsible for reporting who would be eligible for the credits. He stated that this is the first draft and isn't ready for action. He would like more time to find other municipalities who have passed ordinances like this to ensure we aren't missing anything.

COMMISSIONERS REPORTS

Mr. Flint spoke about the MS4 permitting process and stated that the permit has been submitted. He spoke about the daily changes happening at Cedar Spring Run park. Mr. Eby spoke about himself and Mr. Yeagley attending meetings and being certified as second-tier disaster responders.

Mr. Vernau spoke about the Slate Hill Road Bridge. York and Cumberland Counties are willing to rehab the bridge if the municipalities (Lower Allen and Fairview) will maintain the bridge in the future. He believes the Counties should maintain the bridges. Fairview is deciding at their meeting tonight.

On October 21st at 10am there will be ribbon cutting ceremony for the Allendale-Beacon Hill trail. He spoke about the event including potential exhibitor tables.

Commissioner Simpson missed the Capital COG meeting as he was helping his company load 78 tons of materials to be sent to Florida and Houston to help the Hurricane victims.

Commissioner Schin spoke about the September 11th memorial dedication the Fire Company had and appreciated being invited. He stated that Yappy Hour was a nice gathering and exciting time for those who attended.

Commissioner Holtzman spoke about concerns with the crosswalk on Lisburn Road. She has received reports that no one stops for the crosswalk and is concerned someone will be hurt. She also spoke about cars flying through the school zone 15mph areas at Allen Middle school.

Director Holl spoke about a nationwide public alert that FEMA will be putting out through the cell towers on Wednesday. He will send out a LA alert to notify residents of the alert.

ADJOURNMENT TO EXECUTIVE SESSION

The Regular Meeting of the Board of Commissioners adjourned at 8:12 pm to discuss the following:

- Triple Crown Update

MINUTES

BOARD OF COMMISSIONERS **LOWER ALLEN TOWNSHIP**

REGULAR MEETING **NOVEMBER 13, 2017**

The following were in ATTENDANCE:

BOARD OF COMMISSIONERS
H. Edward Black, President
Peddrick M. Young, Sr., Vice President
Richard F. Schin
Jack Simpson
Carolyn Holtzman

TOWNSHIP STAFF
Thomas G. Vernau Jr., Township Manager
Erin G. Trone, Assistant Township Manager
David Holl, Director of Public Safety
Daniel Flint, Community Development
John Eby, Building and Zoning Coordinator
Richard Grove, Director of Finance
Steven P. Miner, Solicitor
Julie Echterling, Recording Secretary

President Black called the November 13, 2017 Regular Meeting of the Board of Commissioners to order at 7:00 pm. He followed with a prayer and the Pledge of the Allegiance. He announced that Proof of Publication was available for review.

MEETING MINUTES

Commissioner **SCHIN** made a motion to approve the minutes from the October 16, 2017 Budget meeting of the Board of Commissioners. Commissioner **HOLTZMAN** seconded the motion. Motion carried 5-0.

Commissioner **SIMPSON** made a motion to approve the minutes from the October 23, 2017 regular meeting of the Board of Commissioners. Commissioner **SCHIN** seconded the motion. Motion carried 5-0

Commissioner **HOLTZMAN** made a motion to approve the minutes from the October 30, 2017 Budget meeting of the Board of Commissioners. Commissioner **SCHIN** seconded the motion. Motion carried 5-0

AUDIENCE PARTICIPATION: ANY ITEM ON THE AGENDA

There was no response.

COMPREHENSIVE PLAN UPDATE PRESENTATION

Mr. Troy Truax, Michael Baker International, spoke about the process they followed for completing the comprehensive plan. He spoke about the requested outcome of the process including practical/workable strategies with action items for each. He spoke about the five keys in the planning process and the multifaceted public involvement. They worked with stakeholders and the Citizens Advisory Committee (CAC). In addition, a public survey was done with 656 responses, and a visioning week was held in the Township. Through their process they identified 28 issues, which were grouped into the following four main goals:

1. Enhance the Township's existing residential neighborhoods and community parks.
2. Promote a balance of open space preservation and the development and redevelopment of commercial and industrial areas.
3. Expand pedestrian and bicycle connections throughout the Township.

4. Improve and maintain the Township's existing transportation infrastructure.

He showed the Board an outline of the Township map and how the areas of the Township were broken up. The areas were called the following: Old Town Allen, Lower Allen Commons, Wesley, and Yellow Breeches. These names were a way to identify the distinctive areas of the Township. He stated that the names of the areas are up to the Board to decide.

He spoke about the setup of the plan and discussed the chapters and organization of the plan. They provided a copy of the executive summary in the Board Packet. Each of the areas in the Township have the four goals outlined with strategies applicable for that area. He showed the Board an example on the screen of how the areas are broken out with strategies and action plans. He discussed examples of Township-wide strategies with action items for the four main goals.

The next steps for the plan include a final CAC meeting, Planning Commission in December and a public comment period which would begin on December 20th. The schedule for the plan includes a plan revisions and adoption between now and February. The Board liked the format of the plan and thanked them for their work.

PRESIDENT BLACK

Approval of Check Registers

Vice President **YOUNG** made a motion to approve the Check Register of October 27, 2017 in the amount of $360,698.57. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

Commissioner **SCHIN** made a motion to approve the Voided check register of October 3rd in the amount of $18,953.85 and Manual Check Register of October 30, 2017 in the amount of $1,000. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Vice President **YOUNG** made a motion to approve the Check Register of November 10, 2017 in the amount of $179,565.11. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

ANY BUSINESS PERTINENT TO THE TOWNSHIP

There was no response.

PUBLIC SAFETY

Officer Alex Milletics' Probation Period Ending

Commissioner **SCHIN** made a motion to approve Officer Milletics for non-probationary status as a Lower Allen Township Police Officer effective November 23, 2017, which is the end of probationary period. Vice President **YOUNG** seconded the motion. Motion carried 5-0.

COMMUNITY DEVELOPMENT

Comprehensive Plan

Mr. Flint discussed the next steps in the Comprehensive Plan. These steps include sending a copy to the school district and surrounding municipalities for their input. The plan will also be discussed at the next Planning Commission meeting in December. He asked for a public hearing to be held on February 12th, 2018 for the plan.

Commissioner **SCHIN** made a motion to authorize staff to distribute the Draft Comprehensive Plan update for review and comment and advertise a Public Hearing on the plan for 6pm on Monday February 12th, 2018. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Stormwater Program Funding

Mr. Flint discussed the potential options for funding stormwater activities and the recent legislation passed which excluded first class townships. The two options are establishing a new separate Stormwater Authority or modify the charter of the Sewer Authority to add stormwater function to the authority. Mr. Vernau stated that the Township wouldn't be looking to them to be the operating authority for the stormwater but to do the funding. He spoke about the current sewer bills which are handled by the Township and how the stormwater bills would be handled the same way. He stated that they have had early discussions and would be using their name for billing. Solicitor Miner spoke about what the Sewer Authority's role and the need for them to vote on this request.

Mr. Flint spoke about funding the stormwater for not just the MS4 and Chesapeake Bay requirements but for the aging stormwater system. Currently there is no funding for the system. President Black asked about the MS4 Coordinator. Mr. Flint stated that they would be doing the MS4 permitting, Chesapeake Bay requirements, ongoing projects, stormwater projects which would require engineering skills. Discussion ensued. Mr. Vernau will contact Representatives Delozier and Mehaffie to see about legislation to allow first class townships the same rights as second class townships.

MANAGER

Permission to Advertise 2018 Meeting Dates

Commissioner **SCHIN** made a motion to approve the advertising of the 2018 meeting dates for the Township. Vice President **YOUNG** seconded the motion. Motion carried 5-0.

Act 42 of 2017

Mr. Vernau provided an update about municipalities opting out of the Gaming Expansion Legislation. He stated that, based on the 25-mile limit from existing casinos, this will not affect the Township.

Non-Uniformed Employee Health Benefit Plan Changes

Mr. Vernau discussed the worksheet of proposed changes for 2018 in deductibles and copays for non-uniformed employees. He spoke about shifting the cost from premium copays to out-of-pocket costs to help reduce future claims. He stated that we are looking at increasing the out-of-pocket costs to match the proposed police contract, but reducing premium copays to help offset that. He stated that in 2018 we are implementing a mandatory generic substitution program.

Vice President **YOUNG** made a motion to approve the proposed changes to the medical deductibles and copays. Commissioner **SCHIN** seconded the motion. Motion carried 5-0

COMMISSIONERS REPORTS

Mrs. Trone spoke about the Wine and Spirits grand opening on Friday at 4pm. Director Holl spoke about the conference he attended which included a discussion on the recent shootings and how important it is for all Public Safety agencies to work together in these events.

RECESS TO EXECUTIVE SESSION

The Regular Meeting of the Board of Commissioners recessed at 8:23 pm to discuss the following:

- Board and Commission Appointments
- Orchard Apartment Tax Appeal
- Update on Collective Bargaining
- Personnel issue

RECONVENMENT OF MEETING

The Regular Meeting of the Board of Commissioners reconvened at 8:52 pm.
Vice President **YOUNG** made a motion to accept the resignation of Christopher Yohn, with a last day of work of 11/24/17. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

Vice President **YOUNG** made a motion to direct the Solicitor to enter and appear to answer the Orchard Apartment tax appeal for the Township. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

ADJOURNMENT TO EXECUTIVE SESSION

The Regular Meeting of the Board of Commissioners adjourned at 8:54 pm to discuss the following:

- Personnel issue – Manager's salary.

ATTACHMENT # 5

TOWNSHIP'S MS-4 FACEBOOK POSTINGS

6/20/18 – Township's FB page posting



Verizon LTE 1:05 PM

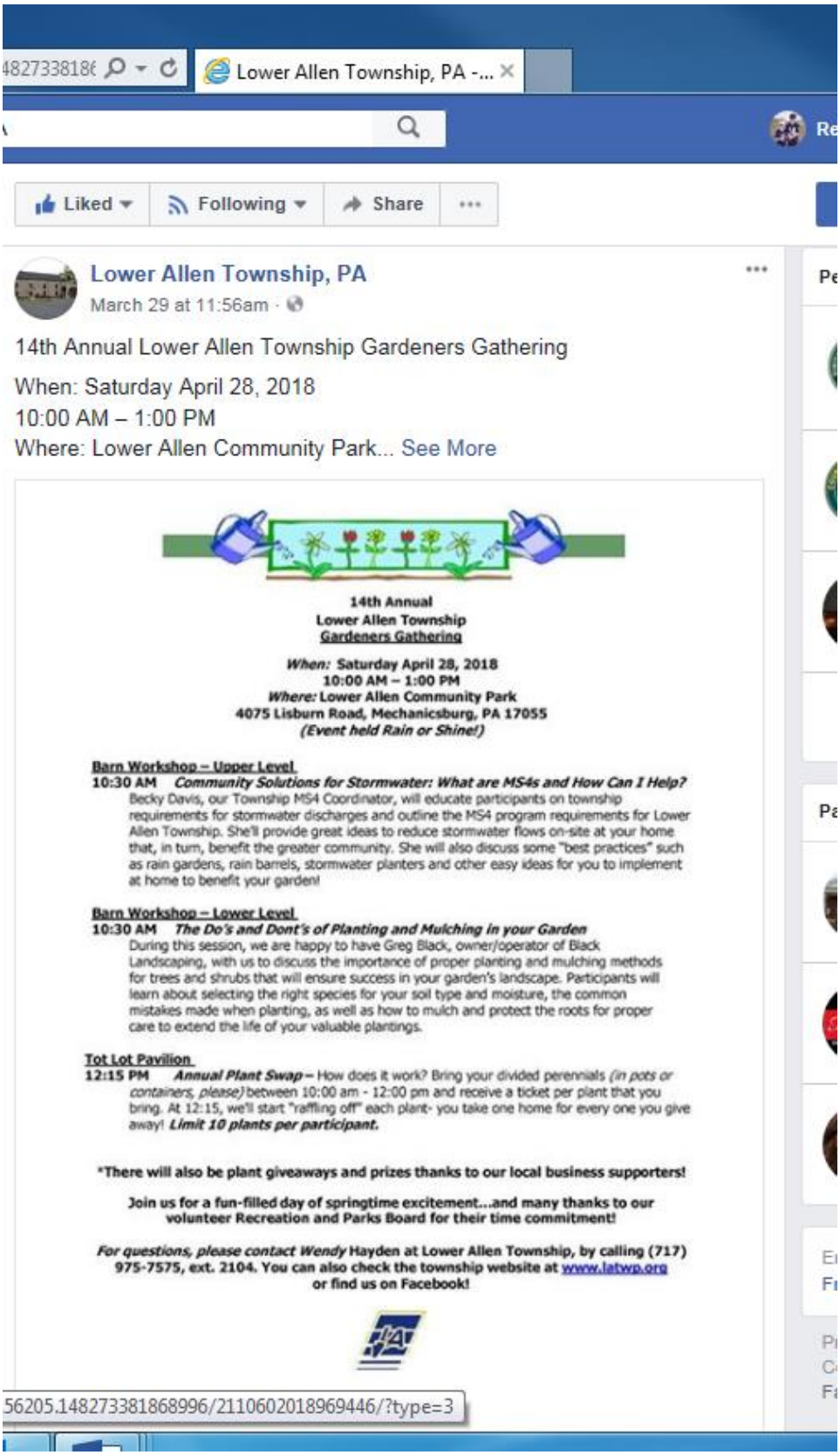
Lower Allen Township, PA

HOME ABOUT PHOTOS EVENTS VIDEOS

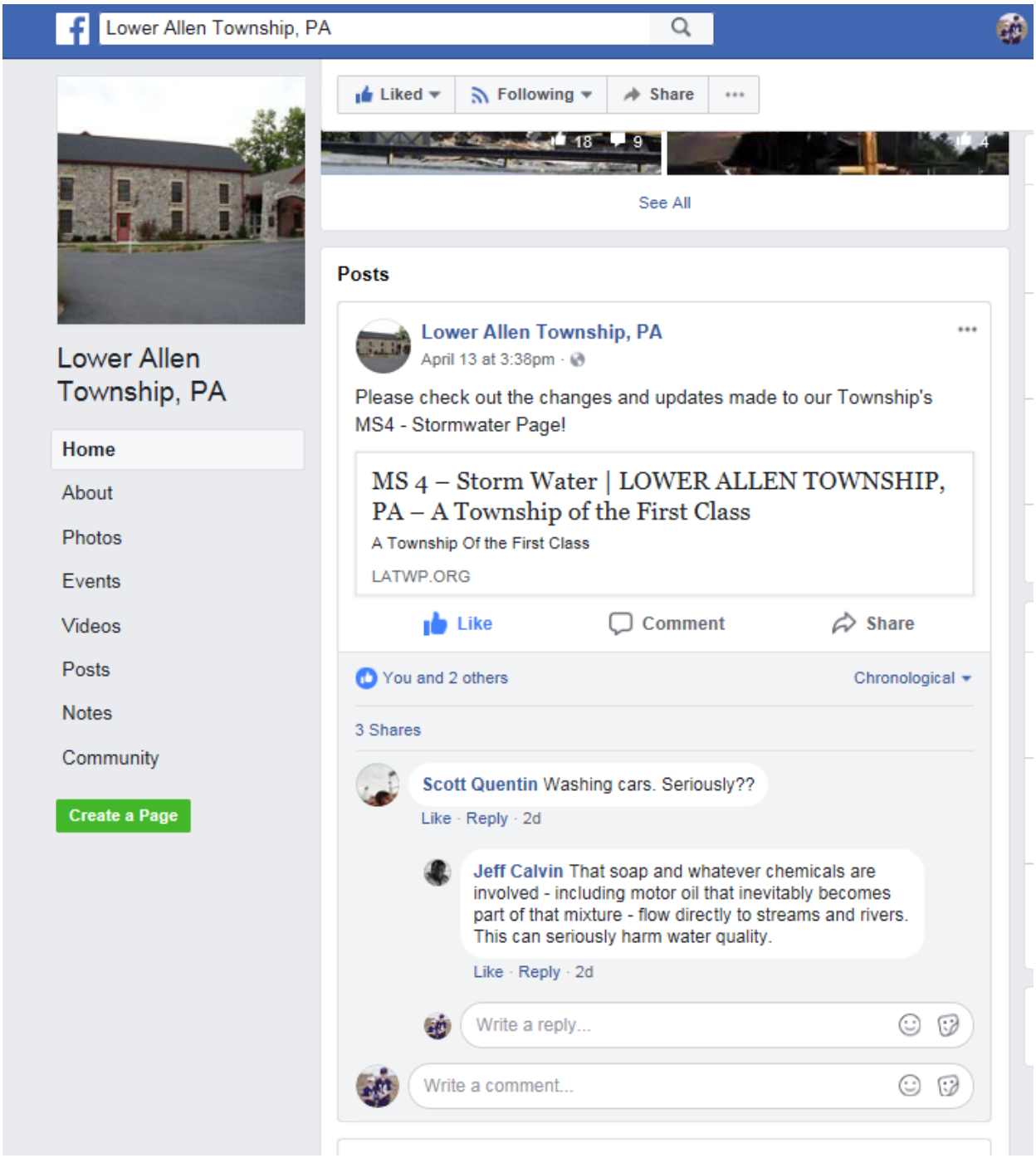
Lower Allen Township, PA
Wednesday at 11:31 AM ·

Stormwater Program Meeting - Lower Allen Township is issued a permit from the PaDEP to operate the Municipal Separate Storm Sewer System (MS4). As part of that permit, a presentation on the Township's Stormwater Program is made annually at an advertised public meeting. That presentation for 2018 will be held in conjunction with the regular Board of Commissioners meeting on Monday, March 12, 2018, beginning at 7:00 PM at the Township Office, 2233 Gettysburg Road, Camp Hill, Pa. The public is invited to attend and participate.





Lower Allen Township's Facebook Page – Gardner's Gathering Post 3/29/18



Lower Allen Township's Facebook Page Post – MS4 Webpage updates – 4-13-18

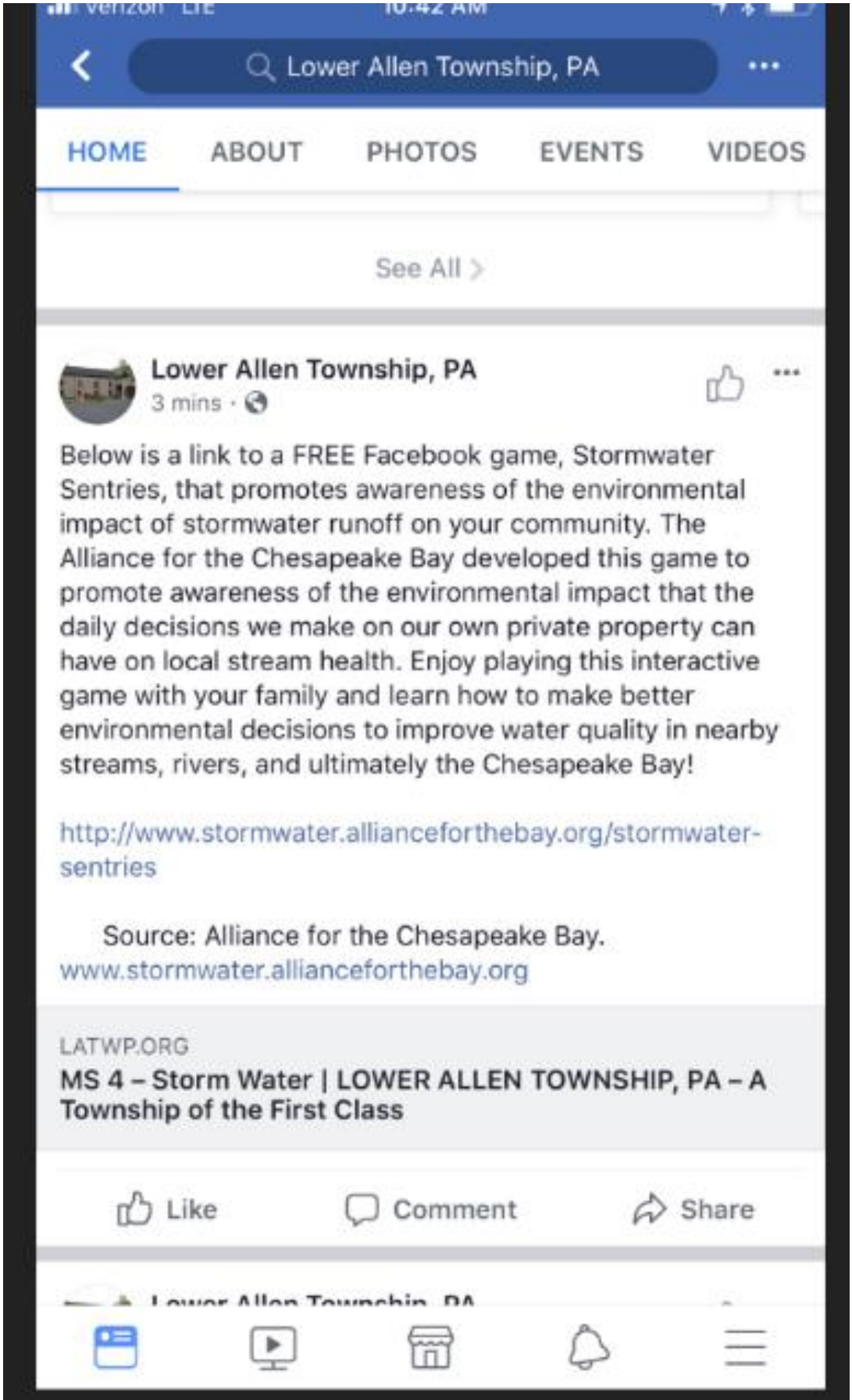
Township Facebook Page Posting

Stormwater user fee Feasibility Study Meeting – 6/11/18

Posted 6/4/18



Posted on Lower Allen Township's Facebook Page on 3-7-18





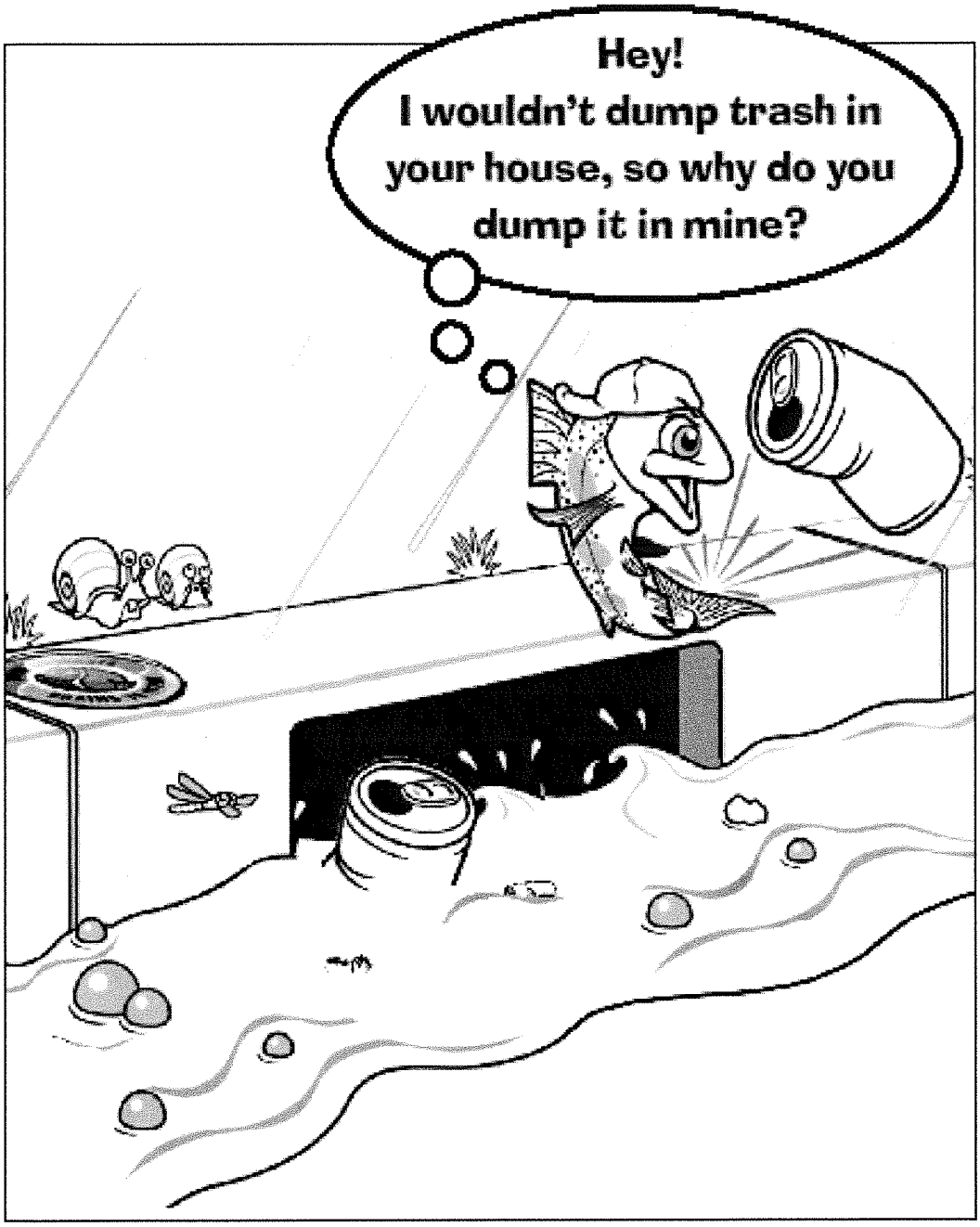
Lower Allen Township's Facebook Page – Trout Day and Yellow Breeches Cleanup Post 3/29/18

ATTACHMENT # 6

TOWNSHIP EASTER EGG HUNT MS-4 FLYER

Kids Coloring Sheet

Help STOP Stormwater Pollution



Fish and other animals need clean water to survive.

Did you know that pollution that enters storm drains goes straight to our creeks, streams, and rivers? Keep soap, oil, dirt, fertilizer, trash, and other pollutants out of our storm drains!

Visit Lower Allen Township's website at: www.latwp.org and click on the Community Development Page for more information .

ATTACHMENT # 7

TOWNSHIP GARDNER'S GATHERING EVENT – MS4 CONTENT

Excerpt from the Summer 2018 Township Newsletter – Summary of the Gardner's Gathering and Photographs

GARDENERS GATHERING • MOSQUITO CONTROL

Gardeners Gathering at the Community Park

The 14th annual Gardeners Gathering was held on April 28th at the Barn. Two workshops were offered, free of charge, to attendees. Lower Allen Township MS4 Coordinator Rebecca Davis spoke about the importance of managing storm water and how this impacts our environment. Greg Black, owner of Black Landscape, talked about the correct ways to plant and mulch your garden. Following the workshops, the annual plant swap took place, with 15 people participating. Fun was had by everyone. The generous donations from **Black Landscape, Royer's Flowers, Highland Gardens** and **Stauffers of Kissel Hill** were given away as door prizes. **Thank you to members of the Recreation and Parks Board, and the workshop presenters,** for volunteering their time to make this popular event a reality year after year. We thank everyone for their dedication to the Community.





COMMISSIONERS OF CUMBERLAND COUNTY

Vincent T. DiFilippo
Chairman

Jim Hertzler
Vice-Chairman

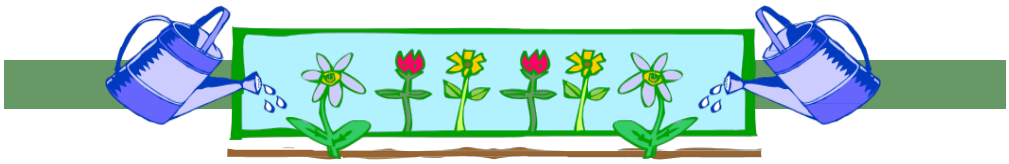
Gary Eichelberger
Secretary

Vector Control Weights & Measures
310 Allen Road Suite 701
Carlisle, Pennsylvania 17013
717-240-6349
717-240-7754 fax
www.ccpa.net/vector

A Note from the Cumberland County Mosquito-borne Disease Control Program:

The Center for Disease control has recently put out an article reporting that disease carried by ticks and mosquitoes has tripled in the last decade. Working in conjunction with the residents in our community is essential to lower mosquito population to lessen the spread of disease. Dumping water is the first and most effective way to lower the population of potentially harmful viruses. If the water cannot be dumped, treat it with a BTI bacteria based product, such as Mosquito Dunks, which can be found at your local hardware store. If you are having difficulty finding the breeding source or have any questions, feel free to call, 717-240-7808.





14th Annual
Lower Allen Township
Gardeners Gathering

When: **Saturday April 28, 2018**
10:00 AM – 1:00 PM
Where: **Lower Allen Community Park**
4075 Lisburn Road, Mechanicsburg, PA 17055
(Event held Rain or Shine!)

Barn Workshop – Upper Level

10:30 AM ***Community Solutions for Stormwater: What are MS4s and How Can I Help?***

Becky Davis, our Township MS4 Coordinator, will educate participants on township requirements for stormwater discharges and outline the MS4 program requirements for Lower Allen Township. She'll provide great ideas to reduce stormwater flows on-site at your home that, in turn, benefit the greater community. She will also discuss some "best practices" such as rain gardens, rain barrels, stormwater planters and other easy ideas for you to implement at home to benefit your garden!

Barn Workshop – Lower Level

10:30 AM ***The Do's and Don'ts of Planting and Mulching in your Garden***

During this session, we are happy to have Greg Black, owner/operator of Black Landscaping, with us to discuss the importance of proper planting and mulching methods for trees and shrubs that will ensure success in your garden's landscape. Participants will learn about selecting the right species for your soil type and moisture, the common mistakes made when planting, as well as how to mulch and protect the roots for proper care to extend the life of your valuable plantings.

Tot Lot Pavilion

12:15 PM ***Annual Plant Swap –*** How does it work? Bring your divided perennials *(in pots or containers, please)* between 10:00 am - 12:00 pm and receive a ticket per plant that you bring. At 12:15, we'll start "raffling off" each plant- you take one home for every one you give away! ***Limit 10 plants per participant.***

*__There will also be plant giveaways and prizes thanks to our local business supporters!__

Join us for a fun-filled day of springtime excitement…and many thanks to our volunteer Recreation and Parks Board for their time commitment!

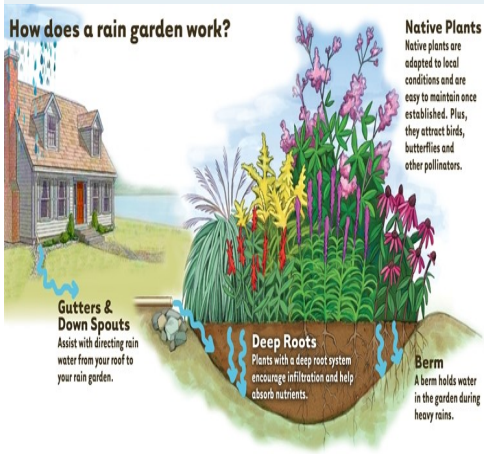
For questions, please contact **Wendy Hayden at Lower Allen Township by calling (717) 975-7575, ext. 2104. You can also check the township website at www.latwp.org or find us on Facebook!**

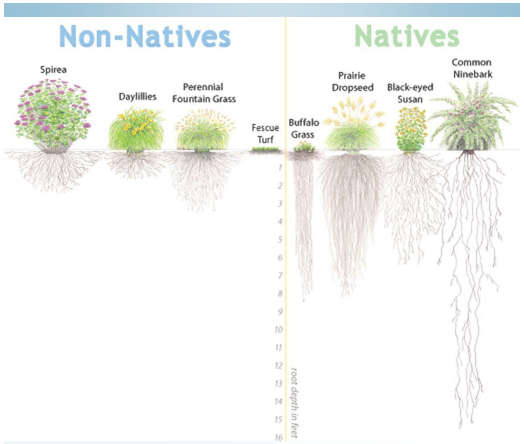
Insert Township Logo Here!

What is a Rain Garden?

A rain garden is an easy and effective tool that you can use to help reduce stormwater runoff on your property. The gardens are placed on property to intercept stormwater runoff until it can be absorbed into the ground.

- A rain garden is designed to serve as a “bowl” to collect stormwater from your property.
- The water is able to slowly infiltrate into the underlying soil.





The importance of Non-Native vs. Native Plants:

1. Native plants are the best option for rain gardens because they need little maintenance once established.
2. Native Plants develop deeper root systems and can absorb more water than non –native plants.
2. Native plant s attract birds, butterflies, and many other species.

For Additional Information Contact:

Lower Allen Township

2233 Gettysburg Road
Camp Hill, PA 17011
Phone: 717-975-7575 Ext. 1010
Rebecca Davis—MS4 Coordinator
rdavis@latwp.org
www.latwp.org

Information provided by the Alliance for the Chesapeake Bay - www.stormwater.allinaceforthebay.org

Lower Allen Township

A Township of the First Class

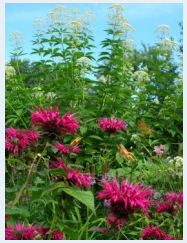
A Residential Guide for Constructing Your Own Raingarden



Anatomy of a Rain Garden

A rain garden can be summarized in three main components: **Plants, Soils, and Cover.**

Plants: Select native plants for the edge of the rain garden. Consider sun, partial sun, shade. The plants should be aesthetically pleasing.



Soils: Loose soils that offer filtration and allow easy root growth. Amend soils if necessary - 50-60% Sand, 20-30% topsoil, 20-30% compost.



Cover: (gravel or mulch) - offers soil erosion control. Large stones can be used for edge reinforcement during storms.



Rain Gardens are made up of a bowl like depression in the ground. The downhill side has a raised berm of soil to allow water to sit in the garden and infiltrate. The shape is typically similar to a kidney bean to allow a wide sheet flow of runoff to enter the garden.

Build it Yourself

Installing a rain garden on your property is something that most homeowners can do all by themselves. The steps below outline the process.

1. **Choose Your Location:** The rain garden must be in a place that can collect runoff from as much impervious area as possible. It should be located at least 5'-15' away from your home and where water naturally drains but does not pond.

2. **Call PA One Call (811)** prior to digging to make sure the site is clear of underground utilities.

3. **Conduct a soil infiltration test*:** Without proper infiltration your rain garden may turn into a pond. This test will determine the proper location for your rain garden.

4. **Sizing the Garden*:** The surface area should be based on the contributing drainage area to the rain garden.



Build It Yourself (cont.)

5. **Excavate the rain garden:** Your rain garden depth will be between 18"-36", with 6" ponding area.

6. **Fill the rain garden with soil media mix.** Limited clay content is very important. The mix should consist of 50% sand, 25% topsoil, and 25% compost.

7. **Plant and Mulch:** Choose native plants that will need little maintenance when established.

8. **Maintenance:** Rain gardens will require weeding, watering when there are dry conditions, and raking mulch .

*Additional information regarding conducting infiltration tests and rain garden sizing can be found on the Alliance for the Chesapeake Bay website: www.stormwater.allianceforthebay.org



MS4 BACKGROUND & BEST MANAGEMENT PRACTICES FOR HOMEOWNERS

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY

WHAT IS MS4?

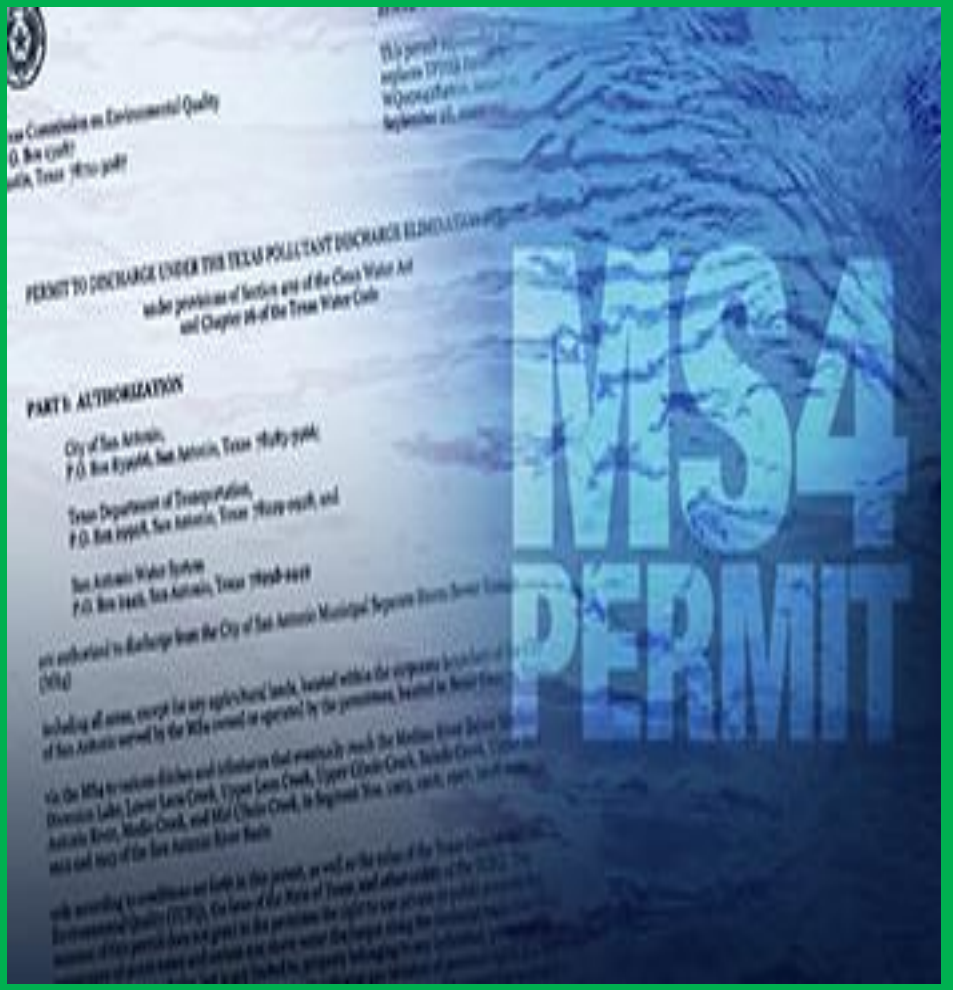
- Municipal
- Separate
- Storm
- Sewer
- System

BACKGROUND

- Municipalities that meet certain standards must obtain National Pollutant Discharge Elimination System (NPDES) permit coverage for discharges of stormwater from their municipal separate storm sewer systems (MS4s).
- The intent of the MS4 Program is to reduce pollutants into waters of the commonwealth.
- The MS4 Program is regulated by BOTH the United States Department of Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Protection (PADEP).

HOW DOES THE MS4 PERMIT WORK?

- **Municipalities acquire a NPDES permit that covers a 5 year period.**
- **The permit requires the municipality to measure it's efforts to reduce pollutants in 6 different areas.**
- **Annually, the municipality must report to PADEP on how they have improved, changed, and managed these areas in order to maintain compliance with their permit.**
- **Six (6) Minimum Control Measures must be re-evaluated annually to determine compliance.**



MINIMUM CONTROL MEASURES (MCM'S)

- **Public Education and Outreach**
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination (IDDE)
- Construction Site Stormwater Runoff Control
- Post Construction Stormwater Management
- Pollution Prevention/Good Housekeeping

GENERAL MS4 PERMIT INFORMATION



NPDES MS4 PAG 133711

- Effective Date: April 1, 2013
- Expiration Date: March 15, 2018

2018 General MS4 Permit

- Effective Date: March 16, 2018
- Expiration Date: March 15, 2023
- First reporting period ends on June 30, 2018
- First Annual Report due September 30, 2018 (April 1, 2017- June 30, 2018)
- All subsequent Annual Reports due September 30 and will cover the reporting period of July 1 – June 30

Stormwater Management

What is Lower Allen Township Doing now?

- *Complete and submit annual report*
- *Refine and continue implementation of SWMP*
- *Additional program documentation*
- *Evaluate new permit requirements and prepare implementation schedule*
- *Implement Chesapeake Bay Pollution Reduction Plan (PRP)*





WHAT ARE OUR LONG TERM EFFORTS?

- Revise Target audience list as needed
- Step up Public Involvement and Participation and Outreach
- Prepare for program changes in PAG -13
- Greater emphasis on Water Quality



BEST MANAGEMENT PRACTICES

- BMP stands for Best Management Practices and includes designed as well as non-engineered facilities like keeping areas as open space for stormwater management.

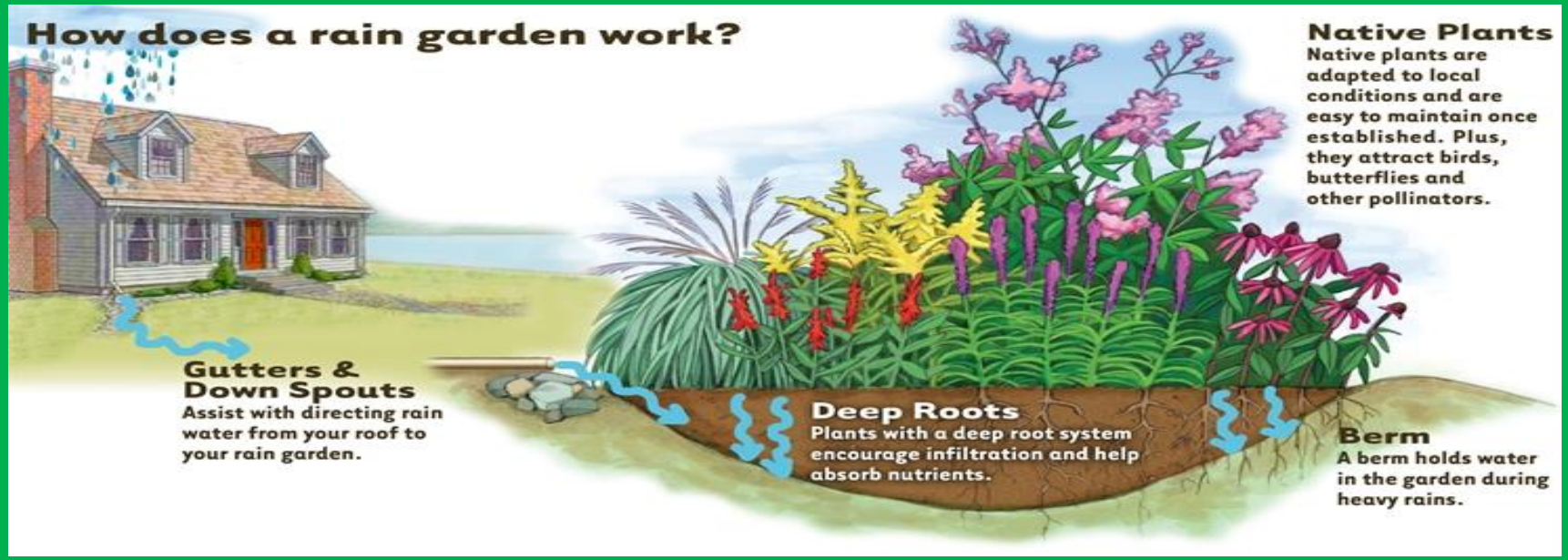
- The goal of BMPs is to reduce the impact of development and impervious cover on downstream properties, streams, and lakes by:
  - Minimizing runoff
  - Slowing down runoff
  - Runoff Infiltration and filtering
  - Evapotranspiration of runoff (vegetation)

- Some examples of BMPs include:
  - Rain Gardens (bioretention areas)
  - Infiltration Trenches
  - Pervious Pavement
  - Vegetated Swales
  - Rain Barrels
  - Rain Planters



RAIN GARDENS

- Rain gardens are an easy and effective tool that we can use to help reduce stormwater runoff from residential properties.
- These gardens are strategically placed to intercept pollutant laden stormwater runoff until it can be fully absorbed into the ground.
- Their design allows the rain garden to serve as a "BOWL" that collects water from downspouts or overland flow across a property.



Anatomy of a Rain Garden

A rain garden can be described by containing three main components:

Plants:

- Select native plants to the area
- Consider sun, partial sun, and shade
- Should be aesthetically pleasing



Soils:

- Loose soils that offer filtration and allow easy root growth
- Amend soils if necessary
  - 50-60% Sand
  - 20-30% Topsoil (low clay content)
  - 20-30% Compost



Cover:

- Offers soil erosion control
- Traps moisture in soil and moderates soil
- Large stones can be used along the boarder for reinforcement during storms



HOW RAIN GARDENS WORK



- **Existing soil within the rain garden area is removed (or amended) and replaced with a more permeable soil. The soil allows for easier water percolation.**
- **Sizing is dependent upon the amount of water that is expected to enter it during a rain event.**
- **The rain garden is planted with trees, shrubs, and perennials before being covered in a layer of mulch.**
- **The completed rain garden will have a slight depression that is used to temporarily collect runoff so it can infiltrate slowly.**

LOCATION

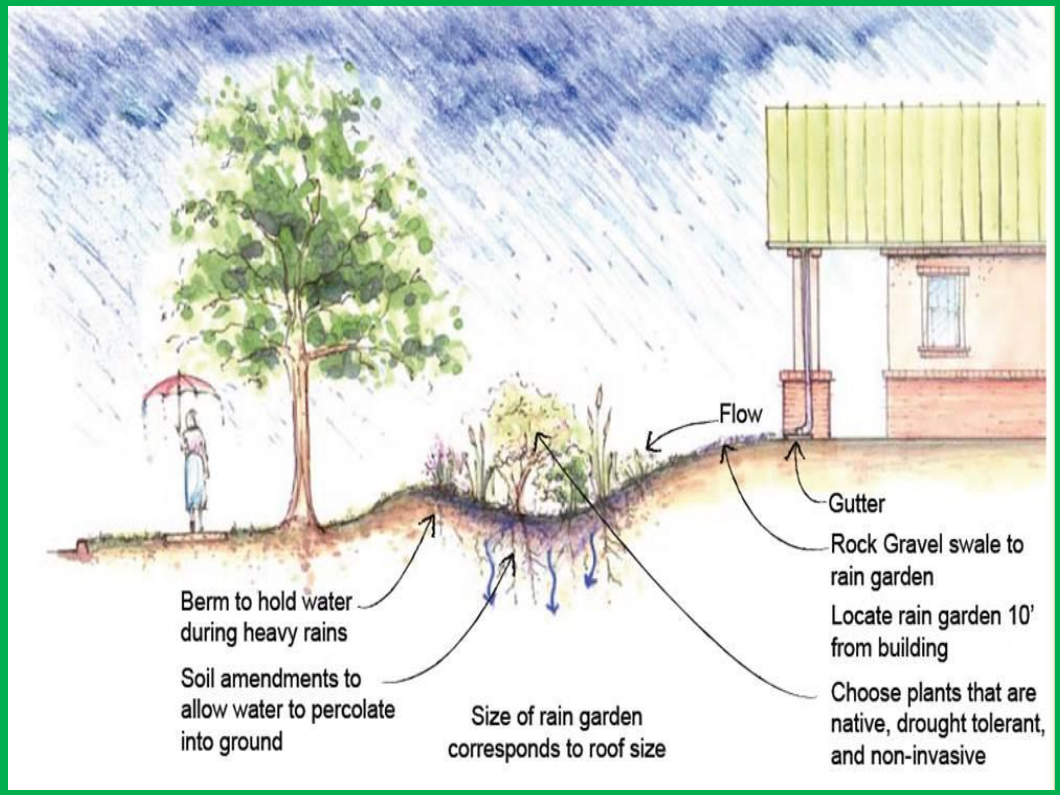
Choose your location

The rain garden shall be located in a place that can collect as much runoff as possible.

It should be located at least 5'-15' away from your home

Consider tree roots, retaining walls, utilities, overflow, setbacks/easements, basements

Contact PA One Call prior to the project to verify any underground utilities



RAIN GARDEN SIZING TABLE

The Rain Garden Sizing instructions are summarized in the table below. The next several slides will walk through these steps.

STEP	RESULTS
START. Infiltration Test	Pass/Fail
Step 1. Total Drainage Area	(FT^2)
Step 2. Soil Test	Type
Step 3. Slope	%
Step 4. Ponding depth	Inches
Step 5. Size Factor	
Step 6. Rain Garden Area	(FT^2)
Step 7a. Planting bed depth	Inches
Step 7b. Total depth to dig	Inches

START - SOIL INFILTRATION TEST

A soil infiltration test (or percolation test) will help to determine how well the soils in a particular location will absorb stormwater runoff.



To conduct a simple percolation test, use the following steps.

1. Dig a 12" deep hole.

2. Fill in the hole with water and allow it to drain completely (if the hole fills with water on its own or the water is still in the hole after 24 hours, choose a new location.)

3. Fill the hole with water a second time and place a ruler or yard stick in the hole. Note the water level and time. After 15 minutes, check the water level again and time, and note the new water level.

4. Multiply the change in water level by 4 to get the number of inches of infiltration in an hour. A rate of at least ½ inch per hour indicates that the soil is suitable for an infiltration practice.

STEP 1. – TOTAL DRAINAGE AREA

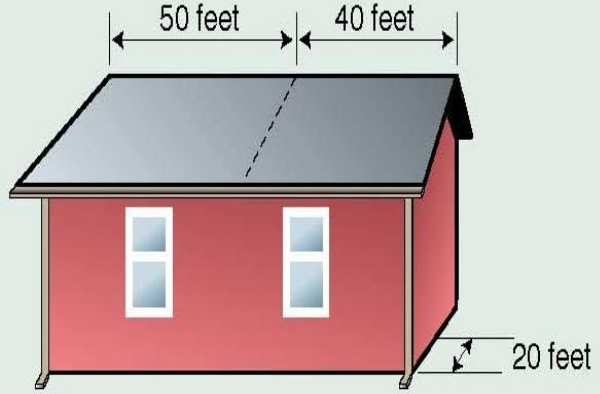
Identify the surface(s) that will drain to the rain garden. Multiply the length by the width to get the drainage area in square feet.

***DRAINAGE AREA LENGTH(ft.) x DRAINAGE AREA WIDTH(ft.) = DRAINAGE AREA(ft²)**

If more than one surface will contribute runoff to the rain garden, add them together. For example, if two roof areas are collected by a downspout that will drain to the rain garden, add the two roof areas together.

Calculating Percentage of Bulding's Roof Area:

Total roof area for building: 20 ft x 90 ft x 2 sides = 3,600 sq. ft.
Downspout 1, total drainage area: 1,000 sq. ft.
Downspout 1, percentage of total roof area: 1,000 / 3,600 = 0.28 (28%)



DOWNSPOUT 1 DRAINAGE AREA
50' x 20' = 1,000 sq. feet

DOWNSPOUT 2 DRAINAGE AREA:
40' x 20' = 800 sq. feet

STEP 2. - SOIL TYPE

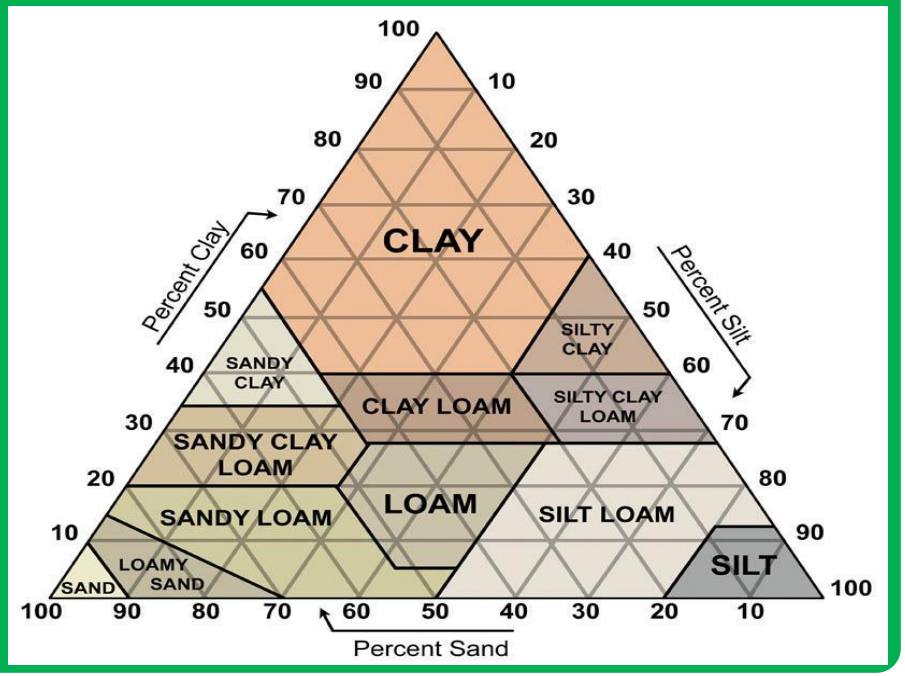
Estimate your soil type by performing a ribbon test using the following techniques:

a. **Grab a handful of moist soil and roll it into a ball in your hand**

b. **Place the ball of soil between your thumb and the side of your forefinger and gently push the soil forward with your thumb, squeezing it upwards to form a ribbon about ¼ inch thick.**

c. **Try to keep the ribbon in uniform thickness and width. Repeat the motion to lengthen the ribbon until it breaks under its own weight. Measure the ribbon and compare the length to the table on this slide.**

Soil Type	Ribbon Length (inches)
Sand	No ribbon will form
Silt	Weak ribbon < 1.5"
Clay	>1.5"



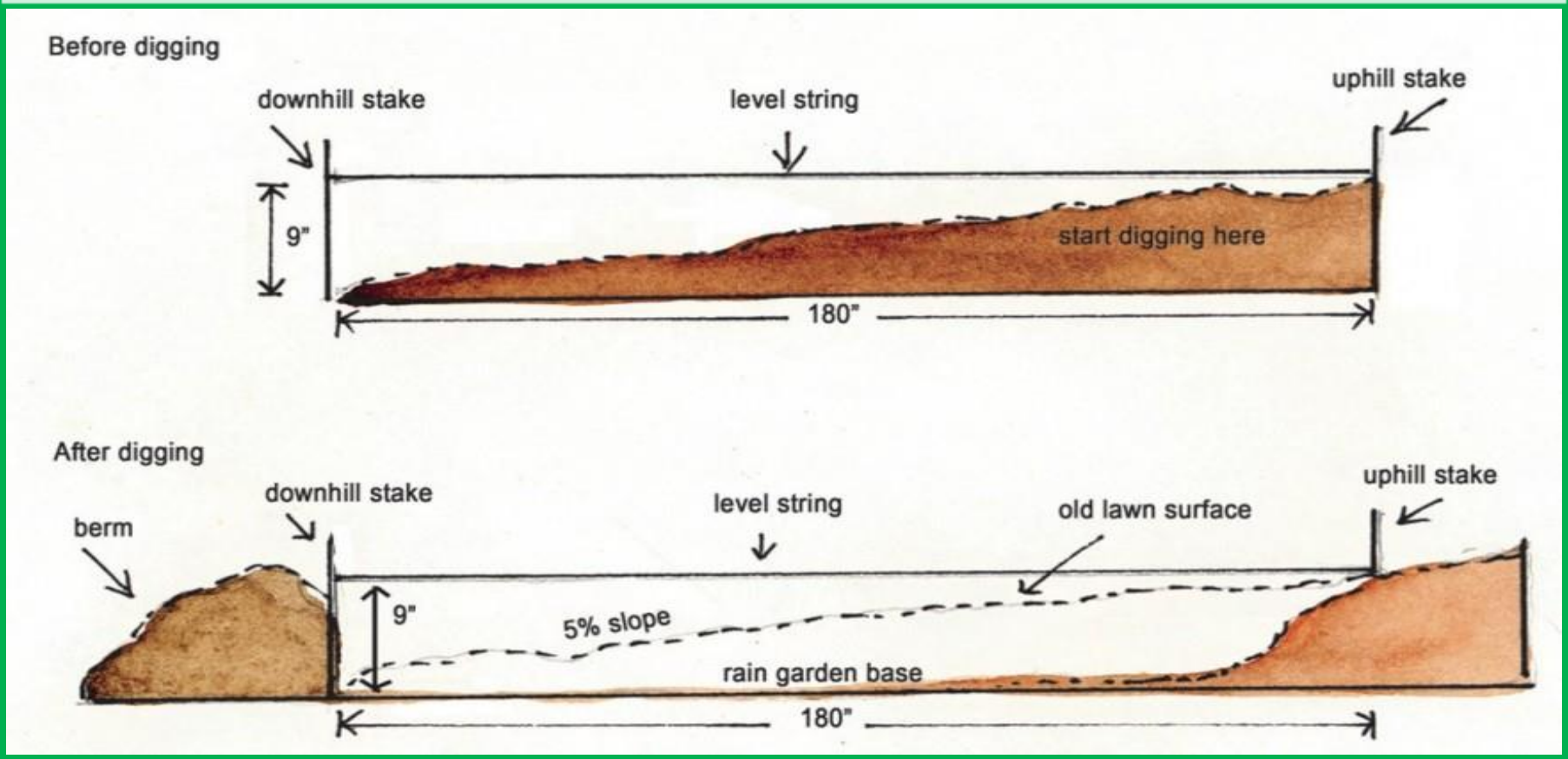
STEP 3. - CALCULATING SLOPE

Find the slope of the land where the rain garden will be located. Slopes should be less than 12%.

- Place one stake at the uphill end of the raingarden area and another at the downhill end.
- Tie a string to the uphill stake at ground level. Using a string level, level the string between the two stakes.
- Measure the length between the two stakes. This is the run or length.
- On the downslope stake, measure the height from the ground to the string. This is the rise or height.
- Divide the rise by the run and then multiply the result by 100. This is the slope.

Slope (%) = (RISE ÷ RUN) X 100

SLOPE (CONT.)



Rise = 9” Run = 180” SLOPE = Rise ÷ Run X 100

Slope = 9 ÷ 180 X 100 = 5%

STEPS 4 & 5 - PONDING DEPTH & SIZE FACTOR

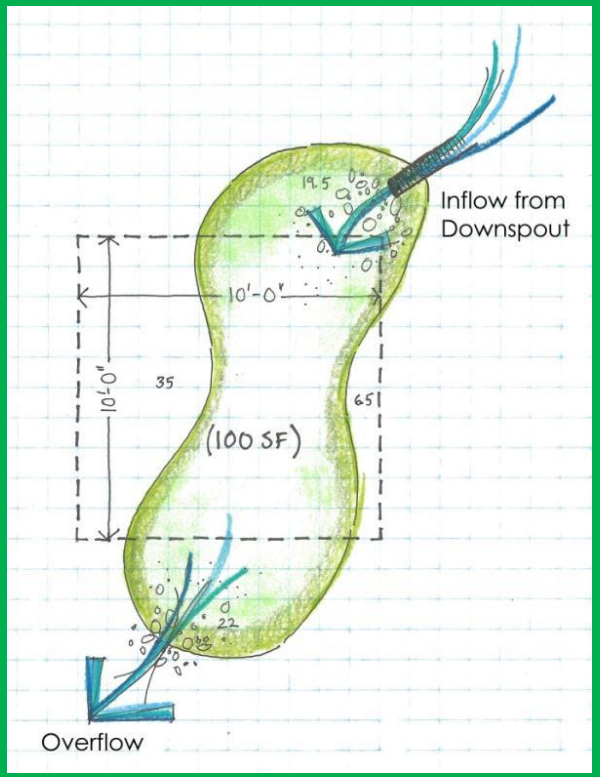
Use the calculated slope to determine the corresponding ponding depth in the table below. The ponding depth is the distance between the mulch layer and the top of the rain garden outlet.

Match the ponding depth to the appropriate soil type in the table below to find the rain garden size factor. For example, if your slope is 6%, the corresponding ponding depth is 6-7 inches. If you have a silt soil, your corresponding size factor is 0.25.

Slope		**≤ 4%**	**5 – 7 %**	**8 – 12%**
Ponding Depths		3-5 inches	6-7 inches	8 inches
Soil Type	Sand	0.19	0.15	0.08
	Silt	0.34	0.25	0.16
	Clay	0.43	0.32	0.20

STEP – 6. RAIN GARDEN AREA

Use the equation below to calculate the needed rain garden area in square feet. You can configure the shape and dimensions to best suit the site as long as it meets the total rain garden square footage.



RAIN GARDEN SIZE FACTOR X TOTAL DRAINAGE AREA = RAIN GARDEN AREA (ft^2)

STEP- 7A. PLANTING BED DEPTH & STEP – 7B. TOTAL DEPTH TO DIG

- A rain garden should have between 6" and 12" of planting bed material with 12" being ideal.
- The planting bed material can include native soil, compost, and other soil amendments.
- Choose the planting bed depth for your rain garden.
- A 2" mulch layer is recommended to suppress weeds and prevent the soil from drying out. Do not used dyed or treated mulch.

- **The total depth to dig your rain garden is the sum of the ponding depth from step 5, the planting bed depth (between 6"-12"), and the mulch layer depth.**

PONDING DEPTH + PLANTING BED DEPTH + MULCH LAYER DEPTH = TOTAL DEPTH TO DIG

DESIGN

The chart below summarizes the steps for designing a rain garden. Each step will be furthered explained in the following slides.

STEP	DESCRIPTION
Step 1	Identify staging and material disposal areas
Step 2	Design the berm
Step 3	Consider the shape
Step 4	Plan the inlet and outlet location
Step 5	Select plants and planting plan
Step 6	Determine materials needed

STEP - 1

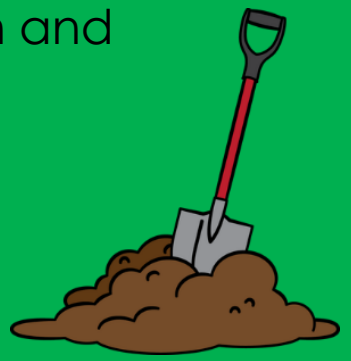
- **Identify staging and material disposal areas:**

  Determine on site where delivered materials such as stone, compost, and mulch can be stored temporarily while the rain garden in being constructed.

  Determine where excess materials like sod and soil that is excavated from the rain garden, will be disposed. Ensure proper Erosion and Sedimentation controls are in place if required.







STEP 2 – BERM DESIGN



If the rain garden is on a slope, a berm or low wall is needed on the downslope side of the rain garden to hold water in the garden. The berm should be the same height as the upslope edge of the garden to make the entire perimeter of the garden level. This creates the ponding area.

The berm shall be no more than 12" high in order to blend with the surrounding landscape and to be easier to maintain. This can limit the length of the rain garden in the direction of the slope. If the length of the rain garden cannot be adjusted, increase the "depth to dig" and decrease the berm height.

Slope	12%	11%	10%	9%	8%	7%	6%	5%	4%	3%	2%	1%	0%
Rain Garden no longer than	8.5'	9'	10'	11'	12.5'	14.5'	16.5'	20'	25'	33.5'	50'	100'	NA

STEP 3 – RAIN GARDEN SHAPE

The rain garden can be any shape as long as it meets the square footage determined in Design Step 6 previously mentioned.

Restrictions include the length based on the berm height and other potential site constraints that may limit the length, width, or depth of the garden.







STEP 4 – PLAN THE INLET & THE OUTLET LOCATION

INLET

The location where water enters the rain garden

The inlet is susceptible to erosion and scouring during rain storms

The inlet should be reinforced with stone or gravel



OUTLET

The location where water exists the rain garden

While the rain garden is designed to contain most storms, the outlet provides a safe and controlled place for water to overflow during storms that produce a lot of rain.

The outlet is created along a portion of the berm on the downslope side of the rain garden.

An outlet is created by lowering a 1' to 2' wide section of the berm a few inches.

Similar to an inlet, erosion can occur and the outlet should be reinforced with stone or gravel

INLET & OUTLET PICTURES

INLET





OUTLET



STEP 5 – SELECT THE PLANTS & CREATE A PLANTING PLAN

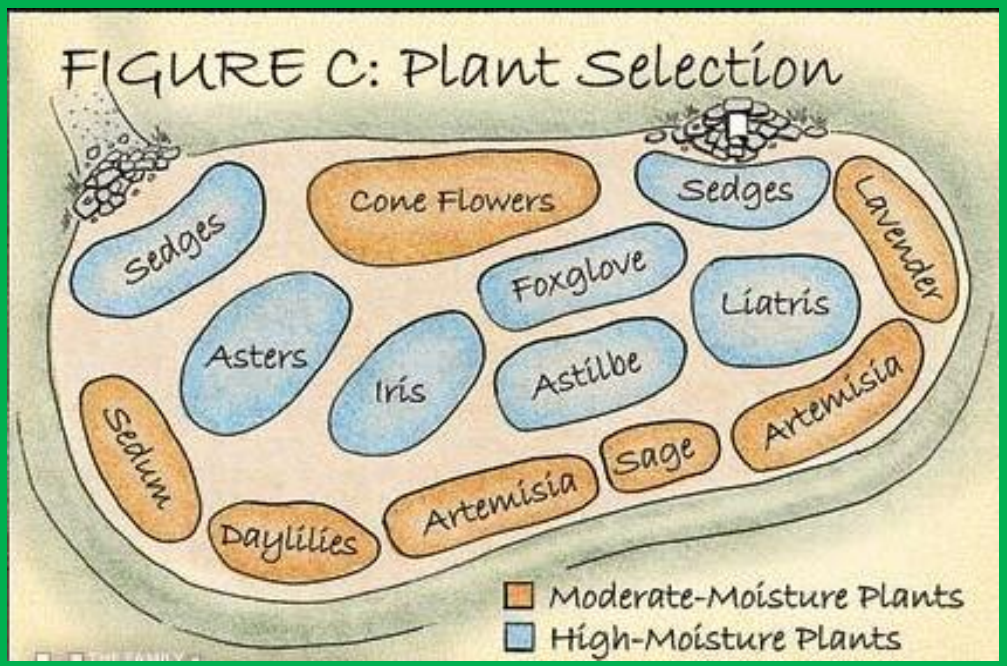
Rain Garden plants are not the same as water loving plants. Rain Gardens have fluctuating wet and dry conditions and can have extended periods of dry soils between storms.

Consider the following recommendations when selecting plants for your rain garden:

- Refer to a native plant list on the alliance for the Chesapeake Bay's Website (www.stormwater.allianceforthebay.org).
- Choose Mid – Atlantic region native species to enhance the ecological function of the rain garden by supporting native species including birds and pollinators.
- Review the spacing suggestions for each plant and design your plan accordingly to give plants the space they need to grow to full maturity.
- Create a drawing of your planting plan to guide you during planting. This will also help you of their placement when you inspect and maintain the rain garden.

PLANT SELECTION

Native grasses, wildflowers and shrubs generally have very deep root systems, sometimes burrowing down 10 ft. or more. Most native plants also cast off their roots annually, growing new roots and providing more soil aeration and pathways for water to flow. And because they're indigenous, you know these plants will thrive in your zone and soil conditions.

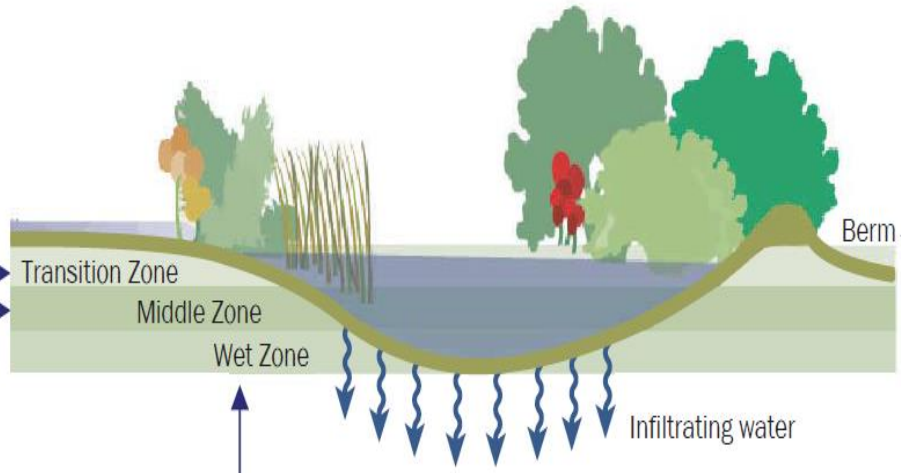


PLANTING ZONES

What are the Planting Zones?

The Higher/Transition zone includes a portion of the Berm and often is the driest of the three zones.

The Middle zone is slightly drier, and the plants can tolerate fluctuating water levels.



The Berm can be a strip of turf or groundcover at the top edge of the rain garden, and usually is dry.

The Wet zone, or Ponding area, is where runoff first enters the rain garden, therefore, the plants here must tolerate standing water and fluctuating water levels.

Plant Lists based off of species and planting zone



Native Plant List



Trees	Botanical Name	Planting Zone	Height	Bloom/Fruit	Wildlife Value
Serviceberry	Amelanchier canadensis	High	35 -50 ft.	Maroon-purple berries	High
Red maple	Acer rubrum	Middle to high	75 -100 ft.	Red bloom	Very high
River birch	Betula nigra	Middle	40 -70 ft.	Catkin flower	High
Redbud	Cercis canadensis	High	20 -30 ft.	Pinkish bloom	Low
Green ash	Fraxinus pennsylvanica	Middle	50 -75 ft.	Loose, purplish clusters	Low
Black gum	Nyssa sylvatica	Middle to high	50 -75 ft.	Blue-black berries	Medium
Swamp white oak	Quercus bicolor	Ponding to middle	60 -75 ft.	Acorns	Very high

SHRUBS

Shrubs	Botanical Name	Planting Zone	Height	Bloom/Fruit	Wildlife Value
Red chokeberry	Photinia (Aronia) arbutifolia	Middle to high	4 -10 ft.	White flowers/ bright red berry, May-June	Medium
Black chokeberry	Photinia (Aronia) melanocarpa	Ponding to middle	3 -6 ft.	Black berries	Medium
Buttonbush	Cephalanthus occidentalis	Ponding area	To 15 ft.	Creamy white flower, July	High-nectar
Red-osier dogwood	Cornus sericea/ stolonifera	Ponding to middle	8 -10 ft.	White flower, May-June	Very high-nectar
Winterberry	Ilex verticillata	Ponding to middle	6 -12 ft.	Red berry-like drupe (need male and female)	Medium
Fragrant Sumac	Rhus aromatica	High to berm	To 3 ft.	Red fruit	High –nectar
Elderberry, American	Sambucus canadensis	Middle	6 -12 ft.	White flower, edible purple/black berry, June-July,	Very high-nectar
Arrowood	Viburnum dentatum	Middle to high	6 -8 ft.	White flower, May-June, dark blue berry-like drupe	High

GROUND COVER

Ground-cover	Botanical Name	Planting Zone	Height	Bloom/Fruit	Wildlife Value
Creeping phlox	Phlox stolonifera	Berm	0.1 –1.5 ft.	Blue, red-purple or violet, April – June	Medium
Moss phlox	Phlox subulata	Berm	To 1 ft.	Pink, white or blue flowers, May	Low
Woodland stonedrop	Sedum ternatum	Berm	0.5 in.	Greenish – white, April - June	Low

PERENNIALS

Perennials	Botanical Name	Planting Zone	Height	Bloom/Fruit	Wildlife Value
Wild columbine	Aquilegia canadensis	Middle to berm	8 -24 in.	Red and yellow flowers, May - June	High- hummingbirds
Swamp milkweed	Asclepias incarnata	Ponding to middle	2 -4 ft.	Pink-red flowers, July - September	Very high
Butterfly milkweed	Asclepias tuberosa	High	1.5- 3 ft.	Orange flowers, July - August	Very high
New England aster	Symphyotrichum (Aster) novae-angliae	Ponding to middle	3-4 ft.	Lavender flowers, July - October	High
Joepye weed	Eupatorium fistulosum/ maculatum	Ponding to middle	To 72 in.	Pink-purple flowers, summer	High -nectar
Blazingstar	Liatris spicata	Middle to high	2 -3 ft.	Purple flower spikes, summer to frost	Medium
Cardinal flower	Lobelia cardinalis	Ponding	24 - 48 in.	Scarlet flowers, July- September	Very high
Great blue lobelia	L. siphilitica	Middle to high	3 - 4 ft.	Bluish purple flowers, August– September	Very high
Virginia bluebell	Mertensia virginica	Ponding to middle	8 - 24 in.	Blue flowers, April - May	Medium
Spiderwort	Tradescantia virginica	Middle	To 3 ft.	Purplish blue, April - July	Medium

PERENNIALS/GRASSES

Black-eyed Susan	Rudbeckia fulgida	Middle to berm	2 - 3 ft.	Yellow flowers, July-October	High
New York ironweed	Veronia noveboracensis	Ponding to middle	36- 72 in.	Purple flowers, August - October	Medium-nectar

Grasses, Sedges,	Botanical Name	Planting Zone	Height	Bloom/Fruit	Wildlife Value
Tussock sedge	Carex stricta	Ponding	1 -4 ft.	Greenish flower, May-August	Medium
Soft rush	Juncus effusus	Ponding	2 -4 ft.	Brown capsule, June-September	Medium
Switch grass	Panicum virgatum	Ponding to high	3 -6 ft.	July- September	High
Little bluestem	Schizachyrium scoparium	High to berm	2 -3 ft.	Light to green blue	High
Canada wild rye	Elymus canadensis	Middle to berm	2 -6.5 ft.	June- October	Medium
Bottlebrush grass	Hystrix patula	Middle to Berm	2 -4 ft.	June– August	Medium

STEP 6 – DETERMINE MATERIALS NEEDED

- Once you know the area and depth to dig of your rain garden, follow the instructions below to approximate the amount of soil, compost, mulch, and other materials that you may need.

  1. Decide how thick each material (soil, compost, mulch, etc.) should be. Material thickness:_____inches.

  2. Use table on the following slide to match material thickness to area covered per cubic yard of material. Area covered per cubic yard of material :_____ft^2.

  3. Determine the area (in ft^2) the material needs to cover based on your rain garden size. Use the equation below to divide the size of the area covered by the area covered per cubic yard. The result is the number of cubic yards you will need.

SIZE OF AREA TO BE COVERED ÷ AREA COVERED BY CUBIC YARD = CUBIC YARDS NEEDED

MATERIAL THICKNESS AND COVERAGE

Material Thickness (Inches)	Area Covered (in ft^2) Per Cubic Yard (yd^3) of Material
1"	324 ft^2
2"	162 ft^2
3"	108 ft^2
4"	81 ft^2
5"	67 ft^2
6"	54 ft^2
7"	47 ft^2
8"	40 ft^2
9"	36 ft^2
10"	33 ft^2
11"	30 ft^2
12"	27 ft^2

MATERIALS NEEDED (CONT.)

Plants – The number and type of plants will be dictated by the size of the rain gardens and localized sun/shade, soil, and climate conditions and should be specified in your planting plan.

Stone – About a half of a yard of crushed stone is useful for securing the inlet and outlet and achieving the pitch of the inlet pipe from the gutter. Two or more 1 ft.^{2} or larger flat stones or pavers are useful for placing at the inlet to avoid erosion. The outlet can also be reinforced with stones that you find as you dig out the rain garden area.





INSTALLATION

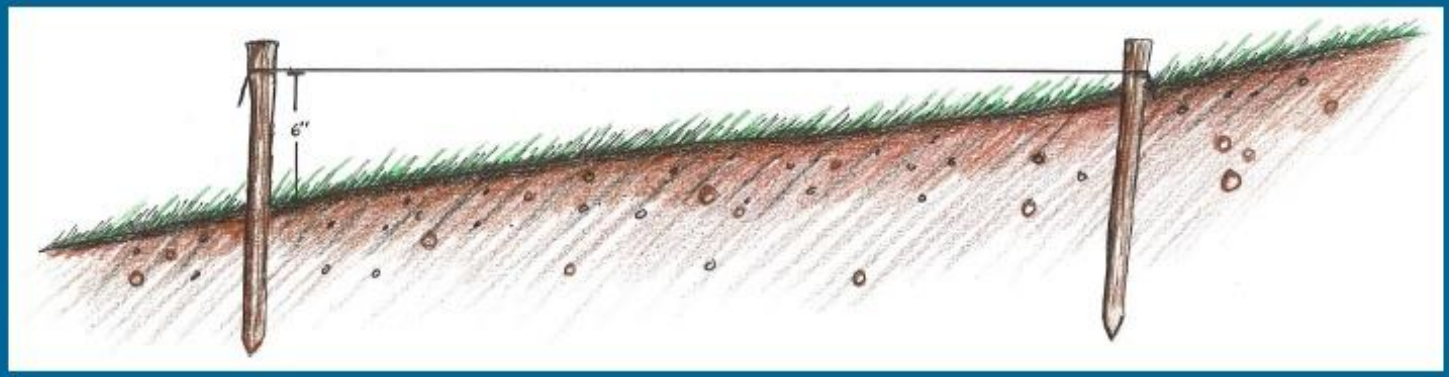
Step 1. Define Boarders – Use string or spray paint to outline the shape of the rain garden. The berm, if needed, will be built outside of the outline.

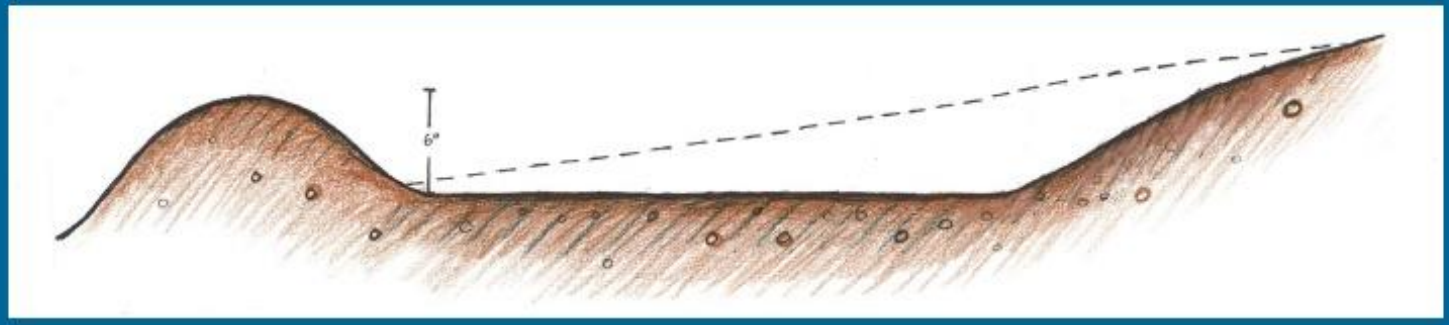
Step 2. Remove Sod – Remove the grass within the outlined area. You can either dig through the lawn or lay a tarp or sheet of black plastic within the rain garden area for several weeks to kill the grass. Herbicides are NOT recommended.

Step 3. Start Digging* – Remove the soil from within the rain garden area. Form a gentle slope along the edges as you dig. Lay out tarps to temporarily sort and store sod, topsoil, and lower soil layers to use later in building the berm and preparing the soil planting bed.

*If you are digging on a slope the sod and soil excavated should be saved to construct the berm. If you are digging on level ground, no berm is necessary and excavated soil and sod can be used elsewhere on the property.

Shape & Depth of the Garden





Dig out center to create shallow bowl. Use soil to create berm.

Illustrations: Dan Shaw, Waterdrop Innovations LLC. From The Blue Thumb Guide to Raingardens. Copyrighted.

BERM HEIGHT

Once you are close to having the entire garden area dug down to the "total depth to dig", hammer stakes along the perimeter of the rain garden about 4-6 feet apart, starting with the highest edge and working around the garden.

Attach a string to the base of the highest stake. Use a string level to mark the leveled height on each stake around the perimeter of the garden. This will be your berm height.



LEVEL THE BOTTOM

The rain garden must have a level bottom to encourage the water to spread evenly throughout the garden

Once all of your stakes are marked with The berm height, use a level to measure the bottom of the rain garden. You may need to dig out additional material or rake it our to get rid of high and low spots.



PREPARE THE SOIL & INLET

- Combine native soil, compost, and other soil amendments to create a planting bed between 6" and 12" deep.



- **Inlet preparation** – If you rain garden is capturing roof runoff from a gutter, you can dig a trench to bury your inlet pipe from the gutter downspout to the garden. Save the sod that you remove to use as a cover after you bury your pipe. Ensure to pitch the trench toward the rain garden so that the water drains easily and does not back up. Check the pitch with a level.

- Inside the rain garden stabilize the inlet area with crushed stone to prevent erosion and scour of the inlet. Place one or more flat stones or pavers directly under the inlet pipe to further reduce erosion and to prevent a channel from forming.



BUILDING BERM & OUTLET

Using the stakes that were marked along the edge of the raingarden as a guide, use overturned sod and soil to build and shape the berm to the specified berm height. Designate a 1' to 2' section of the berm to be the outlet.

The outlet should be a few inches lower than the rest of the berm height. After shaping the berm and the outlet, compact the soil. Reinforce the outlet with stone.





ADD PLANTING BED & MATERIALS

Before adding the planting bed materials into the rain garden, hammer tall stakes into the bottom of the rain garden and mark them with the planting bed depth (between 6”-12”).

Use this line as a guide as you evenly distribute your soils, compost, and other amendments. Mix the components well and place some planting bed material up the sloped sides of the rain garden.

Rake the bed level and avoid compacting the planting bed. Start from the inside and work your way outward.





PLANT & MULCH

- Place **plants** while still in their pots into the garden according to the planting plan. Make adjustments for spacing as needed. When you are ready to plant, remove one plant at a time from its pot and loosen the root ball with your fingers to encourage root growth. Plant at the same depth or slightly deeper than they were in the pot.
- **Apply mulch** – Apply a 2" layer of triple shredded mulch (undyed and untreated) to help retain moisture and prevent weeds.
- **Water thoroughly** – Water immediately after planting. Give the plants an inch of water every week for the first growing season. Once plants have been established, water only as needed during extended dry weather.



MAINTENANCE

INSPECT – Check the rain garden after storms to verify that the inlet and outlet are stable, no channels have formed, that plants are healthy, and that it is draining. Adjust and repair if needed.

PLANT CARE – Weed and water as needed. Replace dead plants as needed. Cut back, prune, or divide plants when appropriate to encourage growth.

CLEAN – If the rain garden is receiving runoff that contains sand or debris, such as from a driveway or roadway, clean out accumulated materials as needed.



RAIN BARRELS

What is a Rain Barrel?

A rain barrel captures rainwater from your roof to reduce runoff from your property and provide you with water for your lawns, gardens, and indoor plants to use in dry weather.



BUILD YOUR OWN

Equipment & Materials Required:

- Purchased or homemade rain barrel (food grade material)
- Downspout diverter (purchased or made)
- Shovel
- Cinderblock or elevated base
- Level

Optional:

- Soaker hose
- Crushed stone
- Mulch
- Splash guard

SIZING AND DESIGN

Step 1. Observe your roof runoff – Note where you have existing roof gutter downspouts, roof valleys or edges that drain large amounts of water.

Step 2. Calculate the runoff volume – To determine how many rain barrels you will need and whether you should designate an area to direct the rain barrel overflow, you need to know the volume of water the barrels will receive during a typical rain storm. Designing for a 1-inch storm will capture most of the runoff volume **AS LONG AS THE BARRELS ARE EMPTIED BETWEEN STORMS.**

CALCULATE YOUR RUNOFF

Runoff Volume Calculation:

a. Calculate the square footage of the drainage area:

Drainage area length (ft) X Drainage area width (ft) = Drainage Area (ft^2)

b. If multiple areas will be directed to the rain barrel, calculate the square footage of each and add them together.

c. Find the volume of stormwater from the total drainage area for a 1-inch storm by dividing the drainage area by 12 to convert inches to feet.

d. Most rain barrels give the holding capacity in gallons. Convert the cubic feet to gallons by multiplying by 7.48.

Stormwater volume (ft^3) X 7.48 gallons = Stormwater Volume (gallons)

DETERMINE THE NUMBER OF RAIN BARRELS NEEDED

Step 3. Attempt to capture the volume from a 1 inch storm.

Stormwater volume(gallons) ÷ Rain Barrel Storage Capacity (gallons) = Number of Rain Barrels Needed

Step 4. Address the Overflow

Be sure to note where the overflow will go in large storms. Avoid directing the overflow next to the building foundations. Plan to sure a splash guard, install a soaker hose, or build a slight swale to direct overflow away from your home and into an area where it can be absorbed (rain garden, vegetated area, etc.)



INSTALLATION

Step 1. – Level the area – Once you have determined where you want the rain barrels to go, level the ground surface. You can used crushed stone or mulch to stabilize the ground.

Step 2. Install blocks or stand – Elevating the rain barrel is necessary to allow room for a watering can, bucket, or hose attachment under the spigot. Elevating the barrels will also create stronger water pressure. Place the blocks or other materials to create a stand on the leveled ground and recheck for level. Adjust as needed to achieve levelness.

Step 3. Connect the downspout to the rain barrel – Flow diverters allow you to easily direct flow from your gutter downspout into your rain barrel during warm seasons. The can be closed during the winter months which allow your gutters to operate normally. To install the diverter, temporarily place the rain barrel on the blocks to mark where the diverter needs to be installed. Cut the gutter with a hand saw and install the diverter per the instructions at a height that allows the water to flow from the diverter into the barrel. If not using a diverter, the gutter downspout can be directed or connected directly to the barrel.

DOWNSPOUT CONNECTIONS



Flow diverter connection



Direct gutter connection



Diverter kit

INSTALL THE RAIN BARREL

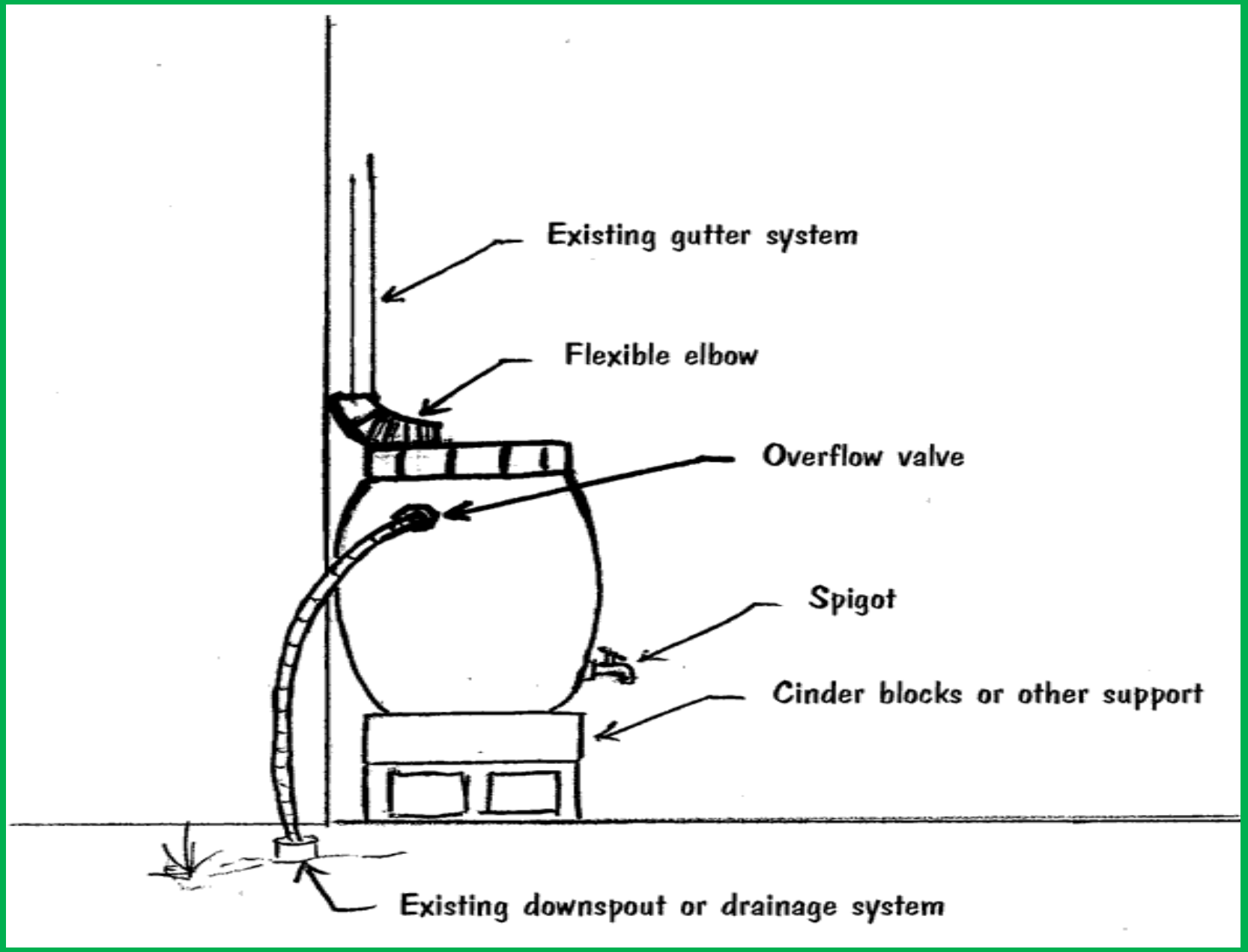
Step 4. Installation

a. Place the rain barrel on the blocks or stand (make sure to secure the barrel on a firm surface. A full 55-gallon rain barrel weighs over 400 pounds).

b. Direct flow from gutter or diverter into barrel

c. Cover the open top of the rain barrel with a screen to prevent mosquitoes from breeding in the standing water and to reduce the amount of debris entering the barrel. Most rain barrels that you purchase pre-made will come with a screened cover.

d. Direct the overflow hose from the rain barrel to a vegetated area or another stormwater practice, where it can soak into the ground.


Existing gutter system
Flexible elbow
Overflow valve
Spigot
Cinder blocks or other support
Existing downspout or drainage system

MAINTENANCE

INSPECT – Check after storms to determine how soon you need to empty the barrel. Remember that a rain barrel only works if it has space to contain more water.

EMPTY – Empty the rain barrel between storms or, at a minimum when full. The water can be used on perennial gardens, house plants, and other non-potable or non-drinking water needs. This water is not suitable for your garden or drinking water for pets. It has come into contact with pollutants from your roof.

CLEAN – Keep the screen clear of debris and clean with a soft brush as needed. Periodically clean out the inside of the barrel if debris has collected.

WINTER STORAGE – It is recommended that you completely empty your rain barrel and store it indoors through the freezing months. The gutters and downspouts should be returned to their normal function to drain the roof during the winter months.

BUILD YOUR OWN BARREL

Pre made rain barrels are available in many sizes and styles. They range in price from $50-$200.

To save money you can make your own rain barrel out of a food grade drum and plumbing parts found in hardware stores.

Use a food grade drum and avoid trash barrels, which may not be sturdy enough to stand up to the pressure of being full of water.

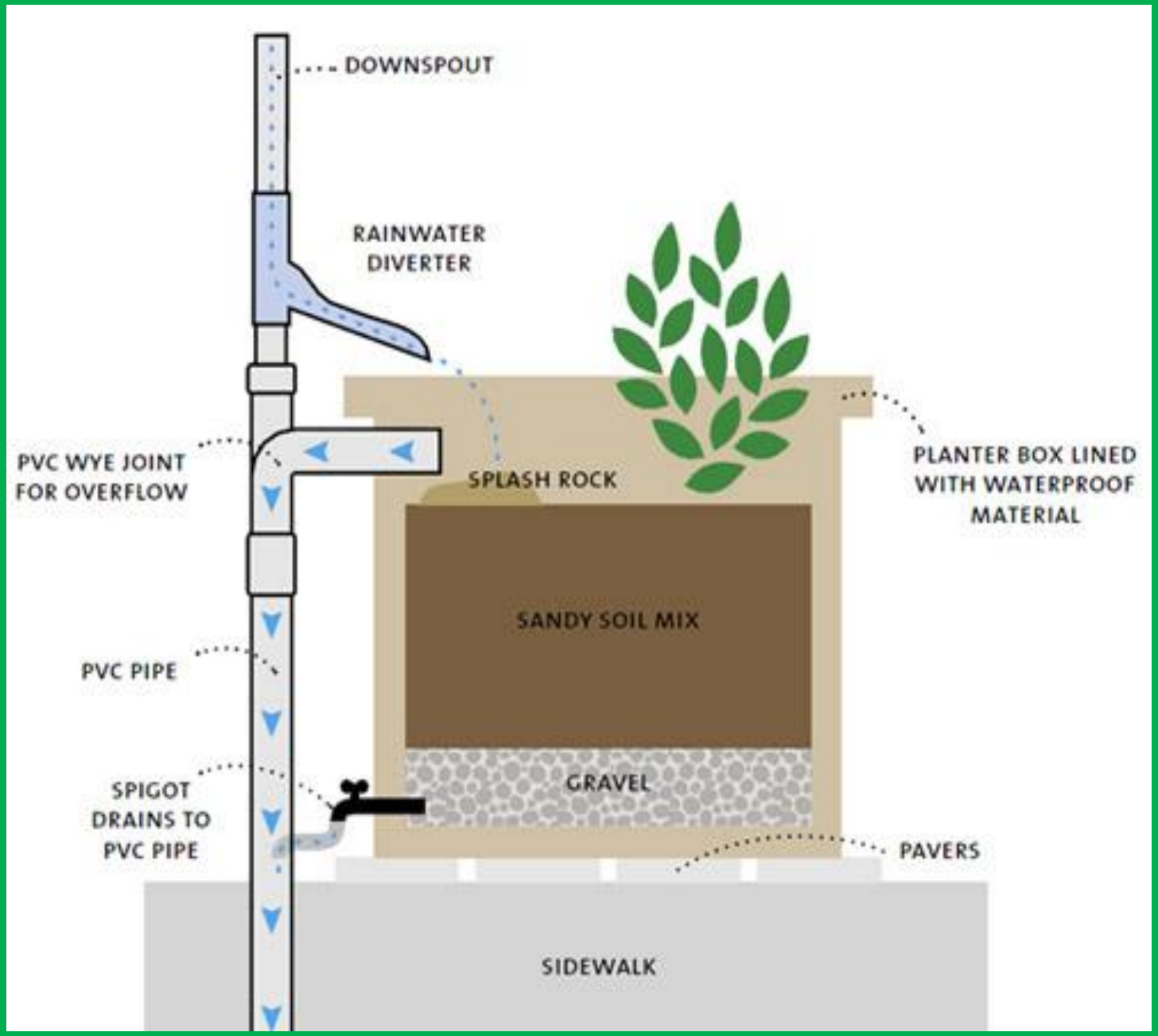
Website suggestion: www.instructables.com – enter search term "rain barrel"

DOWNSPOUT PLANTERS

A downspout planter places plants along or at the end of a downspout to capture the water before it enters the storm sewer. Downspout planters range from very simple planters on the ground to one or more planters along the downspout. Rainfall is captured by the planter allowing for infiltration and capture of pollutants.

It can be as simple as placing a large pot or planter at the bottom of or next to your downspout. A planter box will last longer if it is lined with plastic as the soil will tend to be moist and will rot much quicker that a normal planter. Plastic lumber is an option as it will last indefinitely. An overflow outlet is important as the planter will be close to the building and could cause a moisture problem if the overflow is not directed away from the building.

Downspout planters can also be installed somewhere along the downspout to slow down the flow of water, to act as a bio-filter or to take advantage of vertical planting options. An inline planter should be properly secured considering the weight of moist soil and if it will be inaccessible, low maintenance plants like grasses will work best.


DOWNSPOUT
RAINWATER DIVERTER
PVC WYE JOINT FOR OVERFLOW
SPLASH ROCK
PLANTER BOX LINED WITH WATERPROOF MATERIAL
SANDY SOIL MIX
PVC PIPE
SPIGOT DRAINS TO PVC PIPE
GRAVEL
PAVERS
SIDEWALK

INSTRUCTIONS FOR BUILDING A DOWNSPOUT PLANTER

Step 1. Choosing or Building a Planter –

- A downspout planter can be created out of any type of sizable container; a wooden box, barrel, plastic bin, garbage can or watering trough will suffice.
- The size of the planter can vary depending on the amount of roof runoff to be collected.

Step 2. Calculate the Size of your Rooftop that Drains to the Downspout –

- Take the length and width of your rooftop and multiply them to get the total roof area.
- If there are gutters with downspouts on both ends, assume that half of the water goes to each downspout.

DIVERTER OR NOT?

Step 3 – Determine the type of Diverter Technique you Need –

- If the downspout collects water from an area 100 square feet or less, it is possible for the planter to handle all of the rooftop runoff.
- If the downspout collects water from an area larger than 100 square feet, it will be necessary to install an inline downspout diverter.
- The diverter will allow you to limit the flow of roof runoff to the planter.

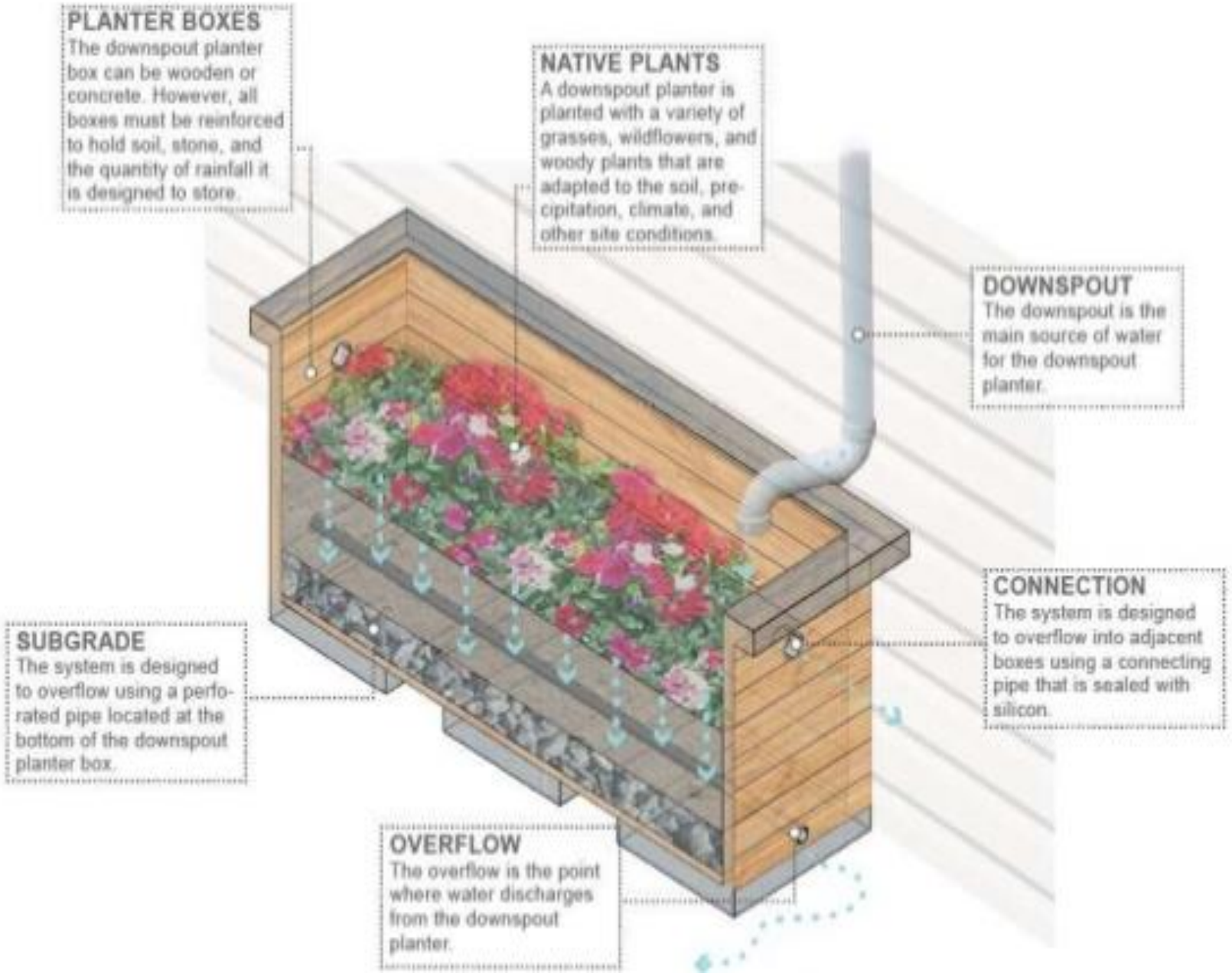




ASSEMBLY OF PLANTER PLUMBING

- Install an overflow approximately 2 inches below the top of the planter. It should be located at the back side of the planter box. The diameter of the overflow may range from one inch to 3-4 inches.
- The overflow should be at least as large in diameter as the downspout itself, in order to allow ample drainage in storm events.
- Install wide perforated underdrain assembly approximately 2 inches above the interior bottom of the planter. The diameter of the underdrain may range from 5/8 to 1 inch. Wrap a geofabric sock around the underdrain.
- Both the overflow and underdrain will reconnect to the downspout "stub" that remains after you cut the downspout (Step 6)
- If preferred, the underdrain can be connected to an additional pipe or soaker hose that drains to a pervious portion of the yard, at least 10 feet from building foundations.

Downspout Planter



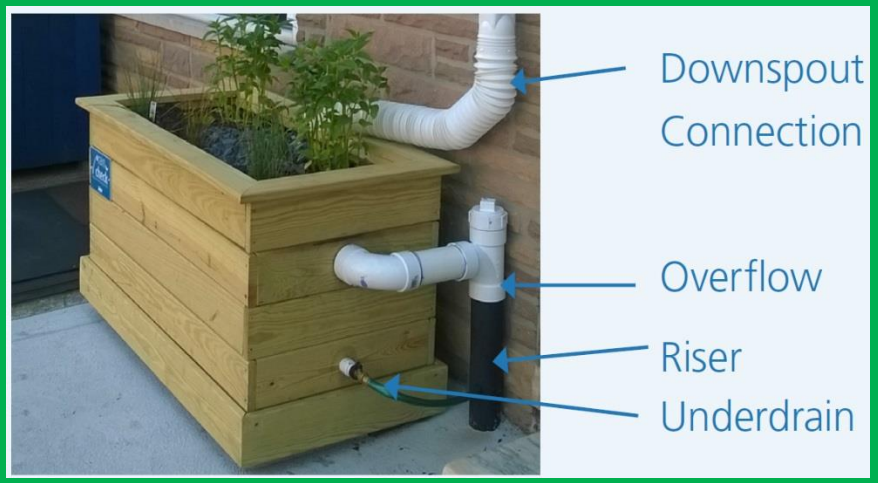
ASSEMBLE THE PLANTER

Step 5. Planter Assembly –

- Locate the downspout planter either immediately below the downspout or within 4 feet of the downspout.
- Raise the planter high enough off the ground by using cinder blocks or other materials so the underdrain can drain into the riser stub unless you are draining to an additional pipe or soaker hose that drains to a pervious portion of the yard as mentioned above.
- Install pond liner inside of the planter. Allow some slack so that soil and gravel do not stretch the liner as it fills the box.
- Install a 4" layer of gravel.
- Install a piece of filter fabric above the 4" layer of gravel
- Load the soil mix on top of the gravel and bring the soil surface to approximately 6" below the top of the planter.

DOWNSPOUT DIVERTER

Step 6 – Disconnect the Downspout and Install Downspout Diverter –



- **Option 1** – Cut the downspout 2-3 inches above the planter and install a diverter to allow rainwater to flow directly into the planter.
- **Option 2** – Install an inline downspout diverter that allows partial diversion of roof runoff. This allows for the diverter to be closed when not in use (during winter months or large storm events).
- **Option 3** – Place the planter directly under the downspout.
- Install a 2-3 inch layer of splash rock over the soil covering a 12-18 inch area below the downspout.

PLANTING & MAINTENANCE

Step 7 – Planting the box –

- Select Native species that will thrive in moist conditions.
- Water plants immediately after planting and continue to water 3 times per week during the first 2 months, and during periods of drought.
- Wilting plants indicate the need for extra watering.

Step 8 – Maintenance -

- Keep the overflow free and clear of debris, checking after rain storms.
- Keep the downspout connection (or diverter) connected and directed to the planter.

CONCEPTUAL RESIDENTIAL FLOW-THROUGH PLANTER BOX DESIGN

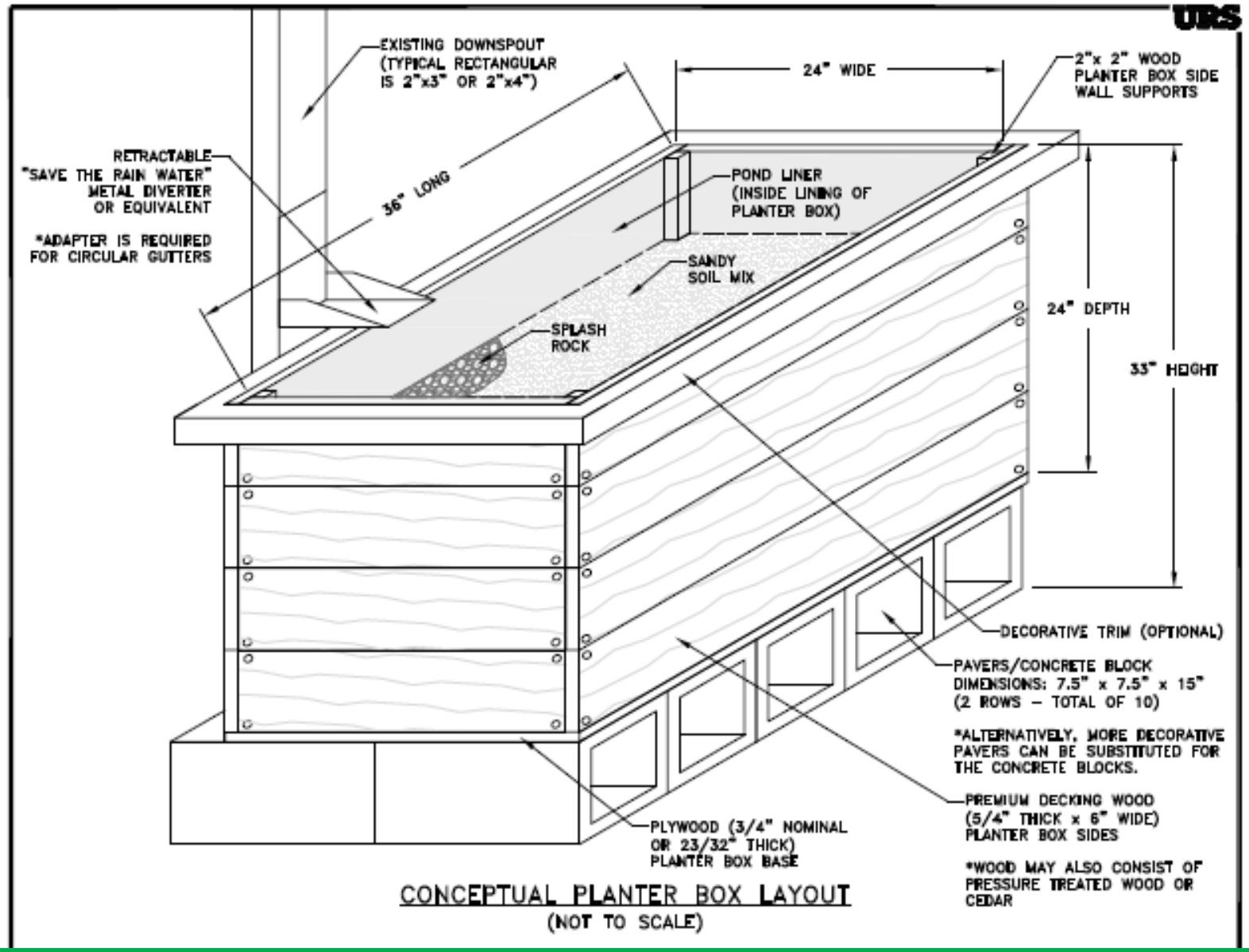
MODEL NEIGHBORHOOD PROJECT
TYPICAL HOME APPLICATION

DRAWING LIST

FIGURE 1A – FLOW-THROUGH PLANTER BOX LAYOUT AND SIDE VIEW
FIGURE 1B – DETAILS AND NOTES
FIGURE 1C – MATERIALS LIST AND BUDGETARY COST ESTIMATE

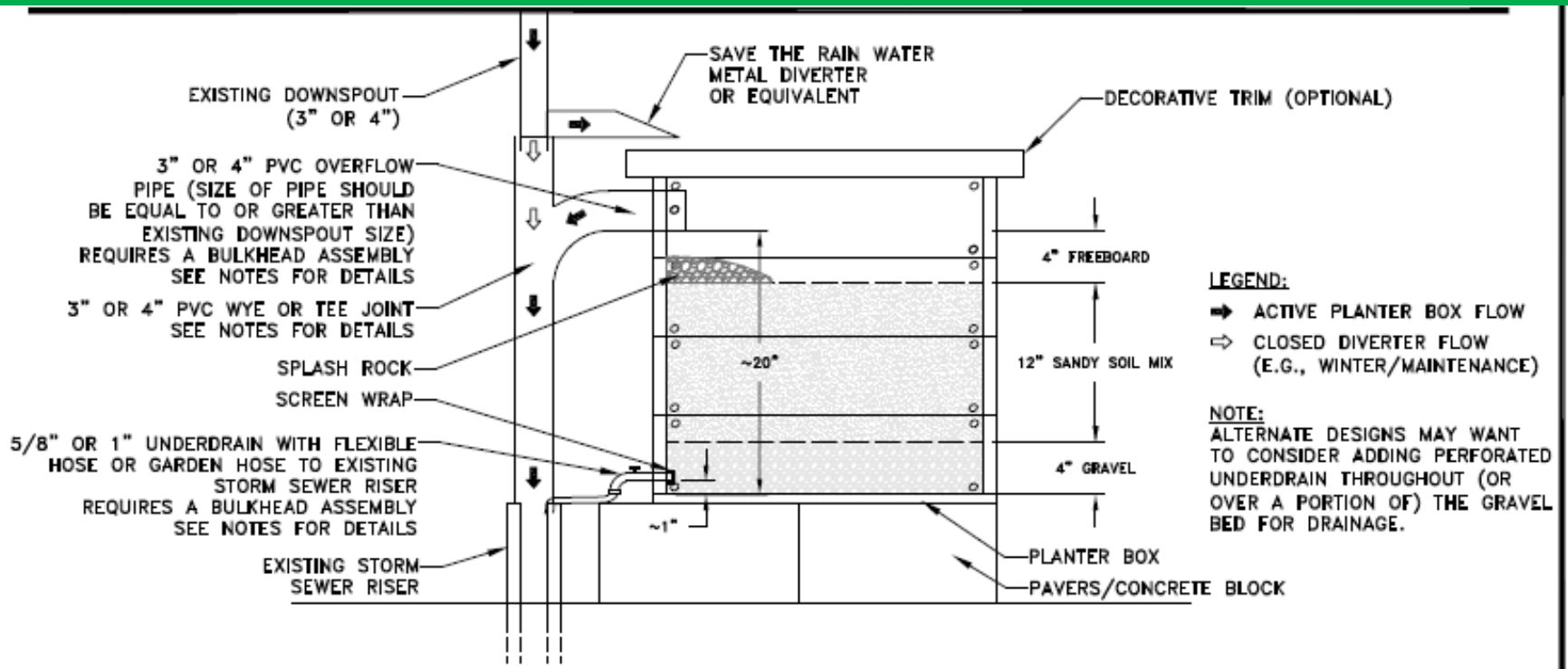
Philadelphia Water Department

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CONCEPTUAL PLANTER BOX LAYOUT

(NOT TO SCALE)



CONCEPTUAL PLANTER BOX SIDE VIEW

(NOT TO SCALE)

CONCEPTUAL RESIDENTIAL FLOW-THROUGH PLANTER BOX

NOTE: THIS CONCEPTUAL PLANTER BOX DESIGN IS PROTOTYPICAL AND FURTHER TESTING AND DEVELOPMENT ARE REQUIRED.

PREFABRICATED WOOD BOXES, PLASTIC BINS, OR METAL LIVESTOCK TYPE WATERING TROUGHS ARE ALL POTENTIAL OPTIONS TO BUILDING A SIMILAR STORMWATER PLANTER BOX. HOWEVER, THE DIMENSIONS AND SIZES PRESENTED IN THIS APPLICATION ARE SPECIFIC TO THE DESIGN.

STRUCTURAL DESIGN OF THE PLANTER BOX IS THE RESPONSIBILITY OF THE BUILDER.

FLOW-THROUGH PLANTER BOX DETAILS:

- **DOWNSPOUT DIVERTER OPTIONS:**
  - OPTION 1 – SMALL PORCH APPLICATION (7' LENGTH x 14' WIDTH OR 100 SQUARE FEET). INSTALL A DOWNSPOUT DIVERTER (VARIOUS MAKES/MODELS – SEE LIST BELOW) TO ALLOW ALL OF THE PORCH RUNOFF TO FLOW INTO THE PLANTER BOX:
    - SAVE THE RAIN WATER METAL DIVERTER (www.rainbarrelsource.com)
    - INLINE AND OFFSET DOWNSPOUT DIVERTER (www.rainbarrel.net/diverter.html)
    - www.aquabarrel.com
  - OPTION 2 – LARGER ROOFTOP DRAINAGE AREA APPLICATION (GREATER THAN 100 SQUARE FEET). INSTALL AN INLINE DOWNSPOUT DIVERTER: THE GARDEN WATER SAVER (AVAILABLE AT: www.gardenwatersaver.com) THAT HAS A 5/8" OUTLET (DIAMETER OF AN AVERAGE GARDEN HOSE) TO LIMIT AND DIVERT FLOW FROM THE ROOF TO THE PLANTER BOX. SEE LINK BELOW FOR A VIDEO INSTALLATION DEMONSTRATION:
    - THIS OLD HOUSE VIDEO OF RAIN BARREL AND DIVERTER INSTALLATION: http://www.thisoldhouse.com/toh/video/0,,20045365,00.html

    THIS DIVERTER LIMITS THE FLOW TO THE PLANTER BOX BY PREVENTING THE ENTIRE RAIN FALL FROM ENTERING AND OVERWHELMING THE PLANTER BOX.

- **SOIL**
  A MIX OF 60% SAND, 10% TOPSOIL, AND 30% COMPOST IS RECOMMENDED.

- **LINER**
  POND LINER IS INSTALLED TO KEEP THE PLANTER BOX WATER TIGHT. FUTURE DESIGN DEVELOPMENT SHOULD BE CONSIDERED USING PLASTIC AS A SUBSTITUTE TO USING WOOD (AS PRESENTED IN THIS DESIGN) SO THAT A PLASTIC POND LINER IS NOT NECESSARY. POND LINER CAN BE WRAPPED OVER TOP BOARD OF THE PLANTER BOX. DECORATIVE TRIM DRILLED TO TOP BOARD WILL AFFIX THE LINER IN PLACE. THE WEIGHT OF THE GRAVEL AND SOIL SHOULD SECURE CONTACT OF THE LINER WITHIN THE PLANTER BOX ELIMINATING THE NEED TO AFFIX THE LINER TO THE SIDES/BOTTOM OF THE BOX.

- **PEA GRAVEL DRAIN**
  A FOUR INCH GRAVEL LAYER IS INCLUDED AT THE BOTTOM OF THE PLANTER BOX TO OFFER DRAINAGE. AN OUTLET NEAR THE BOTTOM OF THE PLANTER BOX ALLOWS WATER TO FLOW OUT AND BACK INTO THE STORM SEWER. USE CLEAN WASHED GRAVEL WITH NO FINES.

- **SPLASH ROCK**
  ADD 2-3 INCH LAYER OF RIVER PEBBLES UNDER THE DOWNSPOUT DIVERTER IN THE PLANTER BOX TO DISSIPATE ENERGY.

- **PLUMBING (BULK HEAD ASSEMBLY)**
  A BULKHEAD FITTING IS A PLUMBING ASSEMBLY TO ALLOW WATER TO PASS

PLANTER BOX PLANT RECOMMENDATIONS

COMMON NAME	SCIENTIFIC NAME	MOISTURE PREFERENCE	HEIGHT (FEET)
New England aster	Aster novae-angliae 'Purple Dome'	AVERAGE TO MOIST	1-2
Feather reed grass	Calamagrostis x acutiflora 'Karl Foerster'	AVERAGE TO MOIST	5-6
Marsh marigold	Caltha palustris	MOIST TO WET	1-2
White turtlehead	Chelone glabra	MOIST TO WET	2-4
Blue flag	Iris versicolor	MOIST TO WET	3-4
Common rush	Juncus effusus	MOIST TO WET	2-3
Great blue lobelia	Lobelia siphilitica	MOIST TO WET	2-3
Sensitive fern	Onoclea sensibilis	MOIST TO WET	1-2
Red switch grass	Panicum virgatum 'Shenandoah'	AVERAGE TO MOIST	2-3
Brown-eyed susan	Rudbeckia fulgida 'Goldstrum'	AVERAGE TO MOIST	1-3

SOURCES:

1. STORMWATER PLANTER DESIGN SHOWCASE (PHILADELPHIA WATER DEPARTMENT POWERPOINT PRESENTATION "GREEN CITIES, CLEAN WATERS PROMOTING A GREEN INFRASTRUCTURE VISION FOR THE CITY OF PHILADELPHIA"; http://www.anacostia.net/temporary/workshops/lid_pdf/abrams_r-lid_anacostia_watershed.pdf)

SIMPLIFIED SEQUENCE OF CONSTRUCTION:

- CONSTRUCT PLANTER BOX NOT INCLUDING DECORATIVE TRIM AROUND THE TOP EDGE.
- INSTALL POND LINER – OVERLAP TOP BOARD OF PLANTER BOX AND SECURE BY SCREWING DECORATIVE TRIM (OVERTOP LINER) TO TOP BOARD. LEAVE SOME SLACK IN THE LINER SO GRAVEL/SOIL CAN STRETCH LINER AS IT FILLS THE BOX.
- INSTALL PLANTER BOX UNDERDRAIN AND OVERFLOW CONNECTIONS.
- INSTALL GRAVEL LAYER THEN PRE-MIXED SOIL MEDIA OVERTOP GRAVEL.
- INSTALL DOWNSPOUT DIVERTER – MODEL DEPICTED IS INSTALLED 2-3 INCHES ABOVE THE PLANTER BOX. CUT OUT APPROPRIATE SIZED SECTION OF THE DOWNSPOUT AND INSERT THE DIVERTER INLINE. THIS WILL ALLOW FOR THE DIVERTER TO BE CLOSED WHEN NOT IN USE (DURING WINTER AND WHEN DESIRED FOR MAINTENANCE, ETC.) AND FLOW TO BE RETURNED TO THE STORM SEWER DRAIN.
- INSTALL 2-3 INCH LAYER OF SPLASH ROCK (RIVER PEBBLES) OVER TOP OF SOIL MEDIA COVERING AN APPROXIMATELY 12-18" AREA BELOW THE LOCATION WHERE THE DOWNSPOUT DIVERTER DEPOSITS WATER INTO THE BOX.
- INSTALL PLANTS. IN GENERAL, SPACE PLANTS 12" (ON-CENTER) AND PLANT TALLER GROWING SPECIES IN THE BACK OF THE BOX AND SMALLER PLANTS IN THE FRONT.
- WATER PLANTS 3 TIMES PER WEEK FOR THE FIRST MONTH FOLLOWING INSTALLATION.

REFERENCES

1. Alliance for the Chesapeake Bay – www. stormwater.allianceforthebay.org
2. PADEP BMP Manual – www.dep.pa.gov
3. Philadelphia Water Department www.phillywatersheds.org

QUESTIONS?

CONTACT INFORMATION

Rebecca Davis – Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
MS4 Coordinator
PH: 717-975-7575-, Ext. 1010
E-mail: rdavis@latwp.org

Attendance Register
For
COMMUNITY SOLUTIONS FOR STORM WATER:
WHAT ARE MS4s and HOW CAN I HELP?
April 28, 2018

Name	Address
ED ACKERMAN	812 BELMONT ST. Y 7055
EPA0721@OUTLOOK.COM.	
Dana Blakeslee dlbxzepld.net	757 Mapleshade Dr 17339
Elizabeth Albert ebalbert08@gmail.com	7 Plainview Rd
Susan Berry	sparry17@verizon.net (Please 17 Walnut St. Camp Hill. send PPT)
Deborah Blakeslee	twointaiwan@gmail.com
Wendy Hayden	204 Evergreen Dr. 17055

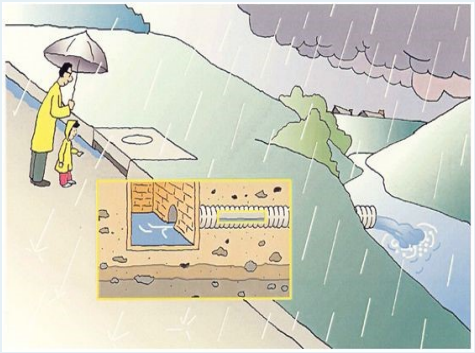
ATTACHMENT # 8

EARTH DAY FESTIVAL BROCHURES

What is MS4?

MS4 is known as Municipal Separate Storm Sewer System. An MS4 is a conveyance or system of conveyances that is:

- Owned by a state, city, town, village, or other public entity that discharges to waters of the commonwealth.
- Designed or used to collect or convey stormwater (roads with drainage systems, storm drains, curbs, gutters, pipes, ditches).





Help Lower Allen Township stop stormwater pollution! Report potential problems to the Township via the website or the contact below.



Lower Allen Township

2233 Gettysburg Road
Camp Hill, PA 17011
Phone: 717-975-7575 Ext. 1010
Rebecca Davis—MS4 Coordinator
rdavis@latwp.org
www.latwp.org

Information provided by the Environmental Protection Agency (USEPA) www.epa.gov & PA Department of Environmental Protection (PADEP) www.dep.pa.gov

Lower Allen Township

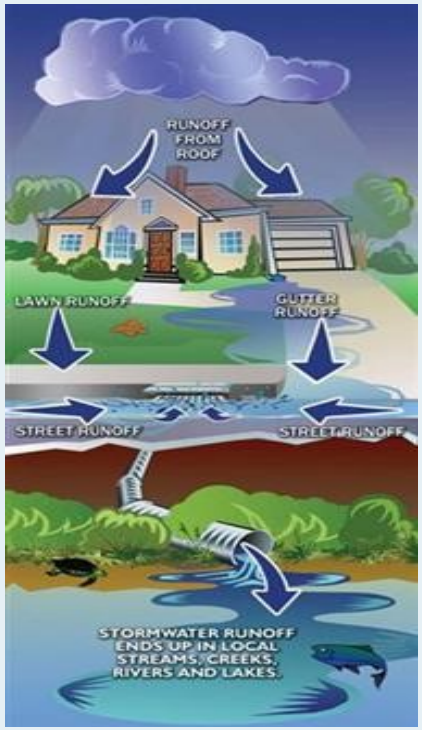
A Township of the First Class

A Residential Guide for Preventing Stormwater Pollution



Residential Causes of Stormwater Pollution

As stormwater runs over our homes, lawns, driveways and sidewalks it picks up debris and pollutants. The polluted stormwater runoff is conveyed to the MS4 and ultimately to our streams without treatment. The stormwater can carry pesticides, chemicals, sediment, trash, fertilizers, and other pollutants that are harmful to our streams



How You Can Help?

- Be mindful of the area where you wash your vehicles. Take care to ensure that the discharges are not emptying directly into a stormwater inlet.
- Check your vehicles often for leaks and repair them promptly. If you notice a fluid leak use a drip pan to contain the leak until you can get the problem fixed.
- Recycle used oil and fluid at vehicle service repair stations. Check with the County Recycling site regarding acceptable items for recycling - https://www.ccpa.net/124/Recycling-Waste
- Participate in the Township's Yard Waste Drop Off and Leaf Composting Programs. Information is available on our website www.latwp.org.
- Do not overwater your lawn and use pesticides and fertilizers according to their recommended amounts. Do not overspray or spread these products into the street.
- Pick up your pet waste and dispose of it properly into your trash receptacles.
- Regularly inspect your septic system and pump your tank as necessary.





Best Management Practices (BMPs) for your home

Rain Gardens—



Specially designed areas planted with native plants can provide natural places for rainwater to collect and soak into the ground.

Rain Barrels—



Homeowners can collect rain water from rooftops and downspouts in containers. The water collected can be used later on lawns, plants, and garden areas.

Downspout Planters— a decorative garden planter filled with gravel, soil, and vegetation that utilizes rainfall from the roof as irrigation. They are connected to the roof downspout to let water flow into the planter and slow down the water velocity.





Lower Allen Township Participation in the Mechanicsburg Earth Day Festival. MS4 Brochures were handed out to the public.

MECHANICSBURG
EARTH DAY FESTIVAL
4/21/2018

CLEAN-UP
JULY 15, 2018

Please contact me

to help with the on-the-water litter clean-up

	Name	Phone # or email	Municipality
1)	Chuck Priebe	[redacted] net	Mechanicsburg
2)	Arlene Taylor	[redacted]	Middle Paxton Twp (Fish. creek valley)
3)	Jennifer Wehrle	[redacted]	Silver Spring Township
4)	Randi Denham	[redacted]	Mechanicsburg
5)	Rachael Cashman	[redacted]	Carlisle
6)	Andrea Holtry	[redacted] m	New Cumberland
7)	Tracy Montefour	[redacted]	Upper Allen
8)	Liz Berg	[redacted]	Carlisle
9)	Anna Zimerman	[redacted]	Mechanicsburg

MECHANICSBURG
EARTH DAY FESTIVAL
4/21/2018

CLEAN-UP
July 15, 2018

Please contact me

to help with the on-the-water litter clean-up

	Name	Phone # or email	Municipality
1)	Neema Georgina Teeth		Mechanicsburg
2)	Harriet Willis		Mech.
3)	Lee Bostwick		Mech
4)	Don Ritchey		Lower Allen
5)			
6)			
7)			
8)			
9)			

4/21/18 Mechanicsburg Earth Day Festival

EVENT ATTENDEE INTERESTS SURVEY AND CONTACT INFORMATION FORM

PLEASE SIGN-UP AND HELP US KEEP YOU CONNECTED TO THE ACTIVITIES OF THE YBWA!

The YBWA needs help in each of the following four Areas. Some examples of tasks you could help with in each Area are listed below.

Area 1 - Leadership: Serve on the Board of Directors, Chair a Committee, Organize an Event, Coordinate with other organizations

Area 2 - Communication: Memberships, Publicity, Kiosk Maintenance, Website, Social Media, Community Festivals, Newsletter

Area 3 - Educational Programs: Community Festivals, General Environmental Education, Storm Water Control (Rain barrels, Rain gardens, etc.), Youth Sojourn

Area 4 - Conservation Activities: Clean-Ups (Water and/or Land Based), Stream Monitoring, Streamside Plantings,

Please list every Area # in which you have an interest – specify tasks if you can. If you have any special abilities that you think may help us, please write them in.
If an email is provided, we will provide a courtesy notification of upcoming events even if no Areas are listed. Thanks for your interest!

Name	Address Phone	Resident of what municipality?	Email Address	List Area #'s, Tasks & Special Abilities
John Woerner	74 Ball Harbor Rd Mechanicsburg PA 17055 717 766-1554	Silver Spring SILVER SPRING		2/3/4
Tyler [illegible]	[illegible] 717-[illegible]	[illegible] LITITZ	[illegible]gmail.com	1/2/3/4
Denise Watts	1513 Shepherd Rd Mechanicsburg PA 17055 717 395 1777	Lower Allen Twp LAT	[illegible]com	
Krankel Cushman	[illegible] Kingsbridge Circle, Carlisle PA 17013	Carlisle	[illegible]	2, 3, 4
Tracy Montefour	2626 N. Rosegarden Blvd Mbg 17055 717-795-1857	Upper Allen UAT	[illegible]	2, 3, 4
Don Ritchey	1668 Liz Burns Mechanicsburg, PA 17055	Lower Allen LAT	[illegible]	[illegible]
Don Shenck	36 College Hill Rd Enola PA 17025	East Pennsboro	[illegible]	

EVENT ATTENDEE INTERESTS SURVEY AND CONTACT INFORMATION FORM

PLEASE SIGN-UP AND HELP US KEEP YOU CONNECTED TO THE ACTIVITIES OF THE YBWA!

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If an email is provided, we will provide a courtesy notification of upcoming events even if no Areas are listed. Thanks for your interest!

Name	Address Phone	Resident of what municipality?	Email Address	List Area #'s, Tasks & Special Abilities
Chantele Kiny	23 West green street Shiremanstown, PA 17011		[redacted]	
Rebecca Charles	17 Kensington Dr Camp Hill		[redacted]	
Bob Karas	25 Monarch Ln Mechanicsburg, 17050		[redacted]	
John Macolek	166 Sachs Rd Gettysburg PA		[redacted]	

LOWER ALLEN TOWNSHIP
Founded 1850
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TRANSMITTAL MEMO

COMMUNITY DEVELOPMENT DEPARTMENT
(717)975-7575 ext. 1010 ***e-mail:*** **rdavis@latwp.org**

TO: **Phillip W. Brath, P.E.**
Barton & Loguidice, D.P.C.
3901 Hartzdale Drive, Ste. 101
Camp Hill, PA 17011

FROM: **Rebecca Davis**
MS4 Coordinator

DATE: **April 18, 2018**

SUBJECT: **MS4 Brochures – Mechanicsburg Earth Day**

Transmitted herewith please find the following:

1. Lower Allen MS4 Brochures for Mechanicsburg Earth Day

Please contact me with any questions.

ATTACHMENT # 9

CAPCOG ADVERTISEMENT

PENN LIVE The Patriot-News

AFFIDAVIT

AD # 8359964

Commonwealth of Pennsylvania ss
County of Cumberland:

VICTORIA SOTO being duly sworn, deposes that he/she is principle clerk of the PA Media Group; and this notice is an accurate and true attest that CAP. REGION was inserted in The Patriot News on 5TH, OCTOBER 2017.

Sworn to and subscribed before me this 5TH day of OCTOBER 2017.

COMMONWEALTH OF PENNSYLVANIA
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Crystal B. Rosensteel, Notary Public
Susquehanna Twp., Dauphin County
My Commission Expires June 27, 2020
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

UNION COUNTY

In need of restoration

One-of-a-kind Pullman train car is rusting away because of a lack of money

John Beaupre *For PennLive*

A one-of-a-kind Pullman passenger car is rusting away on a siding in Union County because the central Pennsylvania chapter of the National Railway Historical Society does not have the money to restore it.

"I would like to get it restored," said chapter president Ron Johnson. He estimates the cost to be at least $30,000.

The 48 chapter members knew the heavyweight steel one-time sleeper car built in 1911 was historic, but Johnson said they learned just a month ago it is the only one of its kind remaining.

Two of the cars, known as duplexes, were placed in service by the Pennsylvania Railroad in the 1930s and the other one has been scrapped, he said.

The Keystone, a publication of the Pennsylvania Railroad Technical & Historical Society, recently published the history of the two cars that have been referred to as "orphans." That history follows:

In 1931, Pullman converted one end of two sleepers into four single bedrooms, with every other room a few feet higher, thus the name duplexes.

A mini-staircase with step lights and handrails provided access to the upper compartment from the aisle that ran along one side of the car.

Two small windows were cut into the side of the car near the roof line for the upper rooms. The sofa beds folded up during the day.

Pullman offered the cars, named the Voyager and Wanderer, to the Pennsylvania Railroad to try them out.

They initially were used on long-distance sleeping car runs. In the late 1930s they were assigned to shorter overnight runs, including Philadelphia-Pittsburgh trips.

The Great Depression and World War II thwarted Pullman's plans to build more of the heavyweight steel duplexes, said Robert Schildt, a member of the historical society chapter.

The Voyager and the Wanderer were sold to the Pennsylvania Railroad in 1948 but leased back to Pullman for operation. They were returned to the railroad in 1957 to await disposition.

The Wanderer was stored in Northumberland for a period, then dismantled in Altoona in 1966.

The Voyager 1960 was painted yellow, the interior furnishings removed and the Pennsylvania Railroad placed it in work train service based in Renovo, Clinton County, said Michael Quinn, first vice president of the historical society chapter.

Quinn was instrumental in getting the car for the chapter.

It was in Newberry Yards in Williamsport's west end, waiting to be scrapped, so he wrote the president of Penn Central inquiring about its availability, he said. The chapter has owned it since 1967.

The word "Pennsylvania" still is visible on the car, which is painted yellow on one side and Pullman green on the other. The two higher windows have been covered with sheet metal.

The central Pennsylvania chapter was formed in 1977 and a year later bought the former Reading station near the White Deer-Watsontown Interchange of U.S. Route 15 for its base of operation.

Its collection of rail cars also includes a wooden boxcar that some speculate may have been used to haul troops in World War I and a 40-year-old diesel engine donated by Wharton Steel Co. in Harrisburg.

It also has a second engine, a passenger car, two cabooses, a luggage and a tank car along with track maintenance and inspection equipment.

They are on a siding of what is known as the White Deer and Reading Railroad that is between White Deer Township and Allenwood.

It is an extension of the Union County Industrial Railroad, one of the shortlines operated by North Shore Railroad Co. based in Northumberland.



Two officers of the Central Pennsylvania Chapter of the National Railway Historic Society point out aspects of a one-of-a-kind Pullman duplex car it owns. First Vice President Michael Quinn pulls out rusting steel from the side of the car. President Ron Johnson, background, points upward toward the Pennsylvania lettering where metal now covers one of the windows cut in near the roof when the car was a duplex. *John Beaupre, For PennLive*

Taking a tour

- The former Reading train station, bought by the central Pennsylvania chapter of the National Railway Historical Society and the chapter's collection of train equipment are open to the public from 1 to 4 p.m. Sundays from May through September.
- Those wanting to tour the facility may call 570-538-9402.
- The station is at 148 Depot Road, White Deer Township, Union County.

ALABAMA

Stilp seeks OK to burn Nazi-Confederate flag

After burning a two-sided "Nazi-Confederate" flag in Bloomsburg and at a NASCAR race in Dover, Delaware, activist Gene Stilp wants to do the same at Talladega Superspeedway in Alabama.

Citing his First Amendment rights, he has requested a permit from Lincoln, Alabama, police to hold a small demonstration on public land along a public road near the speedway on Oct. 15.

In his email to police, Stilp said he is staging demonstrations at selected NASCAR events.

He said the two-sided flag, which he made, expresses that "misguided and horrible values expressed by the Confederate flag are similar to the horrible values symbolized by the Nazi flag. Those horrible values include racism, hatred, bigotry, slavery, white supremacy and death."

Stilp gives a short explanation of the flag and why he's burning it, and after setting it on fire, extinguishes it in a trash can.

Stilp also praised NASCAR for its "official policy statement on the Confederate flag from 2015."

NASCAR officials asked fans to not display the symbol at NASCAR races, though there is no ban on the flag.

In Bloomsburg, Stilp said he was protesting the decision of Bloomsburg Fair organizers to allow the sale of the Confederate flag by vendors.

— *Barbara Miller, bmiller@pennlive.com*

CARLISLE

Police search for man who robbed bank

A man stole an undisclosed amount of cash from a Santander Bank in Carlisle on Wednesday.

Carlisle police said the robbery happened about 11 a.m. at the bank in the 200 block of Penrose place.

The man entered the bank and demanded cash but did not display a weapon before taking the cash and fleeing out of the bank's front door.

The robber is described as a black male about 6 feet 5 inches tall who weighs about 185 pounds.

He has a goatee and short hair.

The male was wearing a black and red hooded sweatshirt and dark jeans.

Anyone with information about the robbery is asked to contact Carlisle police at 717-243-5232.

— *Wesley Johnson, wjohnson@pennlive.com*

We All Have a Hand in Preventing Stormwater Pollution

Stormwater pollution threatens our rivers, streams, and watersheds. Stormwater picks up debris, chemicals, dirt, manure, and other pollutants as it flows over surfaces. We rely on our rivers and streams for drinking, recreation, and to support wildlife.



How you can help prevent stormwater pollution:

- Remember, only rain goes down the drain. Do not dump anything down storm drains and keep them clear of debris.
- Wash your car over your lawn or gravel.
- Minimize your use of lawn and garden chemicals.
- Minimize the use of salt in winter.
- Install a rain barrel or cistern to capture roof runoff.

For more ideas, visit DEP or your municipality's website.

In compliance with MS4 permits, this ad is sponsored & paid for by these members of the

Capital Region Council of Governments (CapCOG)
250 S. Bowman Hill Road, Mechanicsburg, PA 17050 717.761.8311

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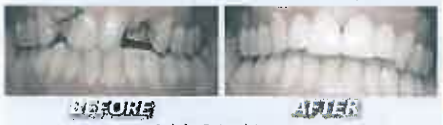
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Senior LIFE

helps seniors live at home – instead of a nursing home.

Senior LIFE provides lower-income seniors with the healthcare and personal support services they need to continue to live at home. With Senior LIFE, members have a team of healthcare professionals including doctors, nurses, home care aids and many others who provide medical and personal care services, plus medications, transportation and much more. Each member receives services specific to their individual needs.

There is no cost to enroll in Senior LIFE for those who are eligible for Medicaid.

Medical and care services are provided in seniors' homes and at the local Senior LIFE center, where members can also enjoy meals, participate in activities and meet new friends. Call 717-234-5433 to schedule a free lunch and tour of our new center.

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SeniorLIFEHarrisburg.com • 717-234-5433
1910 Manada St., Harrisburg, PA 17104

ATTACHMENT # 10

CEDAR CLIFF HIGH SCHOOL PRESENTATION & QUIZ

Grade your School for Stormwater Management

What is your school doing to protect and conserve our water? Use the following questions to find out. Each question has a score for the answer you get. When you have finished, tally up your total score and talk with your classmates and make suggestions for how your school could improve. What could you and your class do to help improve Stormwater Management?

RUNOFF AND EROSION

1. What type of surface do your school's downspouts pour into?
   a. Patch of rocks, vegetation, or mulch – 10
   b. Pavement or eroding ground – 5
   c. Ground near waterway without a buffer – 0

2. How much of your school property is covered with an impervious (does not let water pass through) surface?
   a. Less than 10% - 10
   b. 10-25% - 5
   c. More than 25% - 0

3. Walkways where plants can't grow are covered with…….??
   a. A pervious surface like wood chips – 10
   b. An impervious surface (concrete, macadam, etc.) – 5
   c. Large bare patches and eroded areas – 0

4. Look for patches of bare soil and signs of erosion, like areas where rainwater has carved out ditches or soil has splashed onto windows or wall. The schoolyard and school property has…….
   a. Very little erosion and bare patches – 10
   b. Several areas showing erosion – 5
   c. Large bare patches and eroded areas – 0

VEGETATION

5. How much of the grounds are regularly mowed?
   a. Less than 50% - 10
   b. 50-80% - 5
   c. Over 80% - 0

6. Land around where water drains and collects (like storm drains) is…..
   a. Covered with trees and shrubs – 10
   b. Covered with un-mowed grass – 7
   c. Covered with mowed grass/leaves – 3
   d. Covered with a combination of mowed/un-mowed grass & pavement - 2
   e. Bare soil or pavement – 0

7. How is the grass fertilized?
   a. Grass clippings are left on the ground – 10
   b. Lawn fertilizer according to a soil test – 7
   c. Lawn fertilizer according to instructions – 3
   d. Lawn fertilizer randomly applied – 0

8. How many Best Management Practices (BMPs) are there are the grounds of your school? (Examples of BMPs are: Rain Gardens, Infiltration pits, Grass lines swales, Permeable Pavement, etc.) *Hint – There are at least 3 that the Township knows of!
   a. 10 or more – 10
   b. Between 3-5 – 5
   c. Between 1-3 – 3
   d. None – 0

EDUCATION

9. How many storm drains are marked to let people know they go straight to waterways and not to dump into them?
   a. ALL – 10
   b. A few – 5
   c. None – 0

10. How many ways are there to learn about water quality at your school? (posters, pamphlets, books, etc.)
    a. 3 or more – 10
    b. 1 or 2 – 5
    c. None – 0

11. How much litter do you see on school property?
    a. None – 10
    b. Some – 5
    c. A lot – 0

12. Does your school promote recycling?
    a. Recycling containers in every classroom, teacher's lounge, offices, sports fields, cafeteria – 10
    b. Some recycling containers on school property – 5
    c. Hardly any recycling containers on school property – 0

TRANSPORTATION

13. How many employees are there at your school? How many cars are in the parking lot?
    a. 50% or fewer cars than people? - 10
    b. 25% or fewer cars than people? - 5
    c. One car per person – 0

14. Are there bike racks at your school? Are they used?
    a. Bike racks are full of bikes – 10
    b. Bike racks have a few bikes on them – 5
    c. No bike racks – 0

15. Is there any sort of reward or encouragement for teachers or students to walk to school, ride their bikes, or carpool?
    a. Yes – 10
    b. No – 0

TOTAL SCORE_____(possible 150)

0-90 – Needs Improvement

90-130- Better than Average

130-150 – Excellent

Source: Adapted from askhrgreen.org

Lower Allen Township
MS4 Program

May 23, 2018

MS4 Program

What does MS4 stand for?

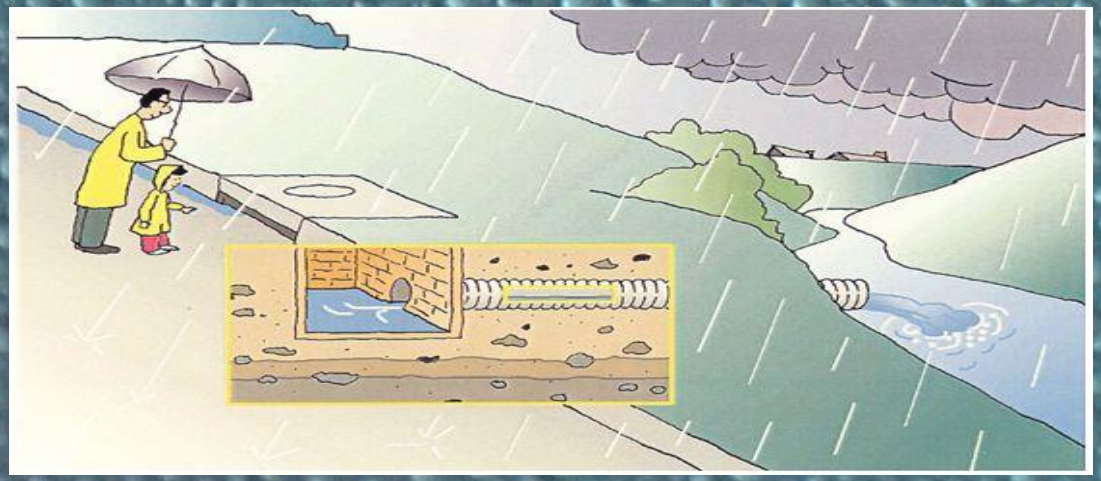
- Municipal
- Separate
- Storm
- Sewer
- System

What is an MS4?

An MS4 is a conveyance or system of conveyances that is:

- Owned by a state, city, town village, or other public entity that discharges to waters of the commonwealth.

- Designed or used to collect or convey stormwater (roads with drainage systems, storm drains, curbs, gutters, pipes, ditches.)



Background

A PROGRAM UNDER WHICH A MUNICIPALITY IS ISSUED A PERMIT TO DISCHARGE STORMWATER INTO THE CHESAPEAKE BAY

THE INTENT OF THE MS4 PROGRAM IS TO REDUCE POLLUTANTS INTO WATERS OF THE COMMONWEALTH

THE MS4 PROGRAM IS REGULATED BY BOTH THE UNITED STATES DEPARTMENT OF ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION (PADEP)

MS4 Coordinator

Municipalities require an individual on staff to operate and monitor the MS4 Program.

The MS4 Coordinator handles all aspects of the program including public education & outreach, monitoring the MS4 system, state reporting requirements, inspections of BMPs, GIS mapping, etc.

My Background

- 1996 Graduate of Cumberland Valley High School
- 2000 Graduate of Juniata College – B.S. in Environmental Science

- Began career working for Engineering Consulting Firms:
- Performed Wetland Delineations, Reviewed Subdivision Plans, Zoning Ordinance Revision, Comprehensive Plans

- Moved to Municipal Government in 2004:
  Zoning & Building permit review, stormwater management

Storm Water Permit Program for Small Communities

- Federal regulation requires permit for our community
  - National Pollutant Discharge Elimination System (NPDES)
- PA DEP created state permitting program to meet federal regulation

HOW DOES THE MS4 PERMIT WORK?

MUNICIPALITIES ACQUIRE A NPDES PERMIT THAT COVERS A 5 YEAR PERIOD.

THE PERMIT REQUIRES THE MUNICIPALITY TO MEASURE IT'S EFFORTS TO REDUCE POLLUTANTS IN 6 DIFFERENT AREAS.

ANNUALLY, THE MUNICIPALITY MUST REPORT TO PADEP ON HOW THEY HAVE IMPROVED, CHANGED, AND MANAGED THESE AREAS IN ORDER TO MAINTAIN COMPLIANCE WITH THEIR PERMIT.

MINIMUM CONTROL MEASURES MUST BE RE-EVALUATED ANNUALLY TO DETERMINE COMPLIANCE.

Minimum Control Measures (MCMs)

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Stormwater Runoff Control
- Post Construction Stormwater Management
- Pollution Prevention/Good Housekeeping

GENERAL MS4 PERMIT INFORMATION

NPDES MS4 PAG 133711



- Effective Date: April 1, 2013
- Expiration Date: March 15, 2018

2018 General MS4 Permit

- Effective Date: March 16, 2018
- Expiration Date: March 15, 2023
- First reporting period ends on June 30, 2018
- First Annual Report due September 30, 2018 (April 1, 2017- June 30, 2018)
- All subsequent Annual Reports due September 30 and will cover the reporting period of July 1 – June 30





Clean Water

Residential Causes of Stormwater Pollution

As Stormwater runs over our homes, lawns, driveways, and sidewalks, it picks up debris and pollutants.

The polluted stormwater runoff is conveyed to the MS4 and ultimately to our streams without treatment.

The stormwater can carry pesticides, chemicals, sediment, trash, fertilizers, and other pollutants that are harmful to our streams.



How Can You Help to Keep Stormwater Clean?

Be mindful of the area where you wash your vehicles. Take care to ensure that the discharges are not emptying directly into a stormwater inlet.

Check your vehicles often for leaks and repair them promptly. If you notice a fluid leak use a drip pan to contain the leak until you can get the problem fixed.





Recycling

- **Recycle used oil and fluid at vehicle service repair stations. Check with the County Recycling site regarding acceptable items for recycling – https://ccpa,.net/124/recycling-waste**

- **Participate in the Township's Yard Waste Drop Off and Leaf Composting Programs. Information is available on our website www.latwp.org**





Recycling (Cont.)

Participate in recycling programs at your school and in and around your community.

Keep trash and recyclables out of the street. These items can get stuck in storm sewers and cause flooding and pollution to creeks and streams.





Pet Waste

Pet waste is a health risk to pets, people, and especially children.

Pet waste is full of bacteria that if not properly disposed of can end up in our streams, lakes, and rivers, and ultimately can hurt fish and aquatic life.

The pathogens in pet waste can lead to a high biological oxygen demand in our streams and rivers causing algal blooms which deplete oxygen from the water and deprive aquatic life making it difficult to survive.

Pick up your pet waste and dispose of it properly in trash receptacles.





Lawn Care

- Mulch your lawn when mowing. The nutrients will go back into the soil of the lawn and you will avoid bagging grass and adding it to a landfill.

- Mulching will save time and money for you. Be sure to not blow grass clippings into the street.

- Do not overwater your lawn. Use pesticides on lawn according to their recommended amounts. Do not overspray or spread these products into the street.





Septic System Maintenance

- If not maintained properly, septic systems can malfunction and cause pollution of groundwater, and creeks and streams.
- Make sure you know where you septic system is located on your property.
- Inspect your septic tank regularly and monitor for leaks.
- Pump your tank regularly.

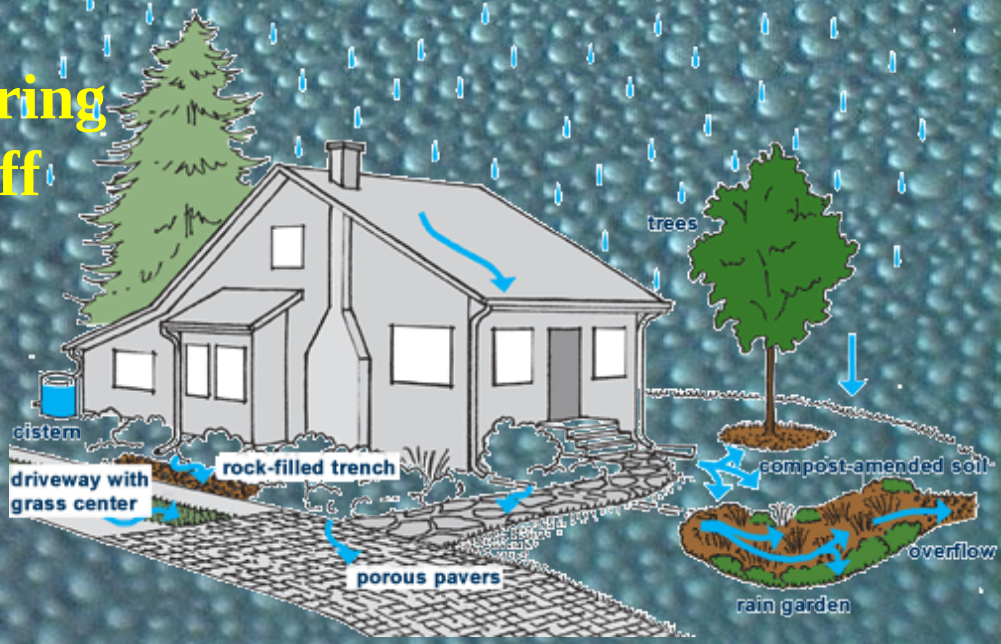


Stormwater BMPs

BMP stands for Best Management Practices. These include designed and non engineered facilities like keeping areas as open space for stormwater management.

The goal of BMPs is to reduce the impact of development and impervious cover on downstream properties, streams, and rivers by:

Runoff infiltration and filtering
Evapotranspiration of runoff
Slowing down runoff
Minimizing runoff



Examples of BMPs

Some examples of BMPs include:



- **Rain Gardens**
- **Infiltration Trenches**
- **Pervious Pavement**
- **Vegetated Swales**
- **Rain Barrels**



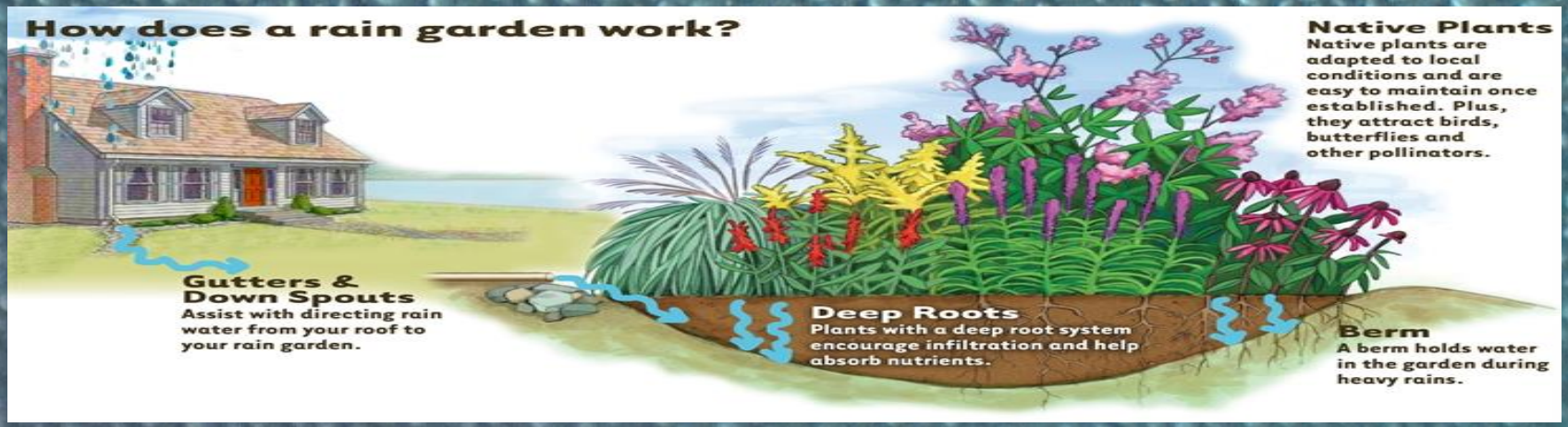


Rain Gardens

Rain gardens are an easy and effective tool that we can use to help reduce stormwater runoff from residential properties.

These gardens are strategically placed to intercept pollutant laden stormwater runoff until it can be fully absorbed into the ground.

Their design allows the rain garden to serve as a "BOWL" that collects water from downspouts or overland flow across a property.








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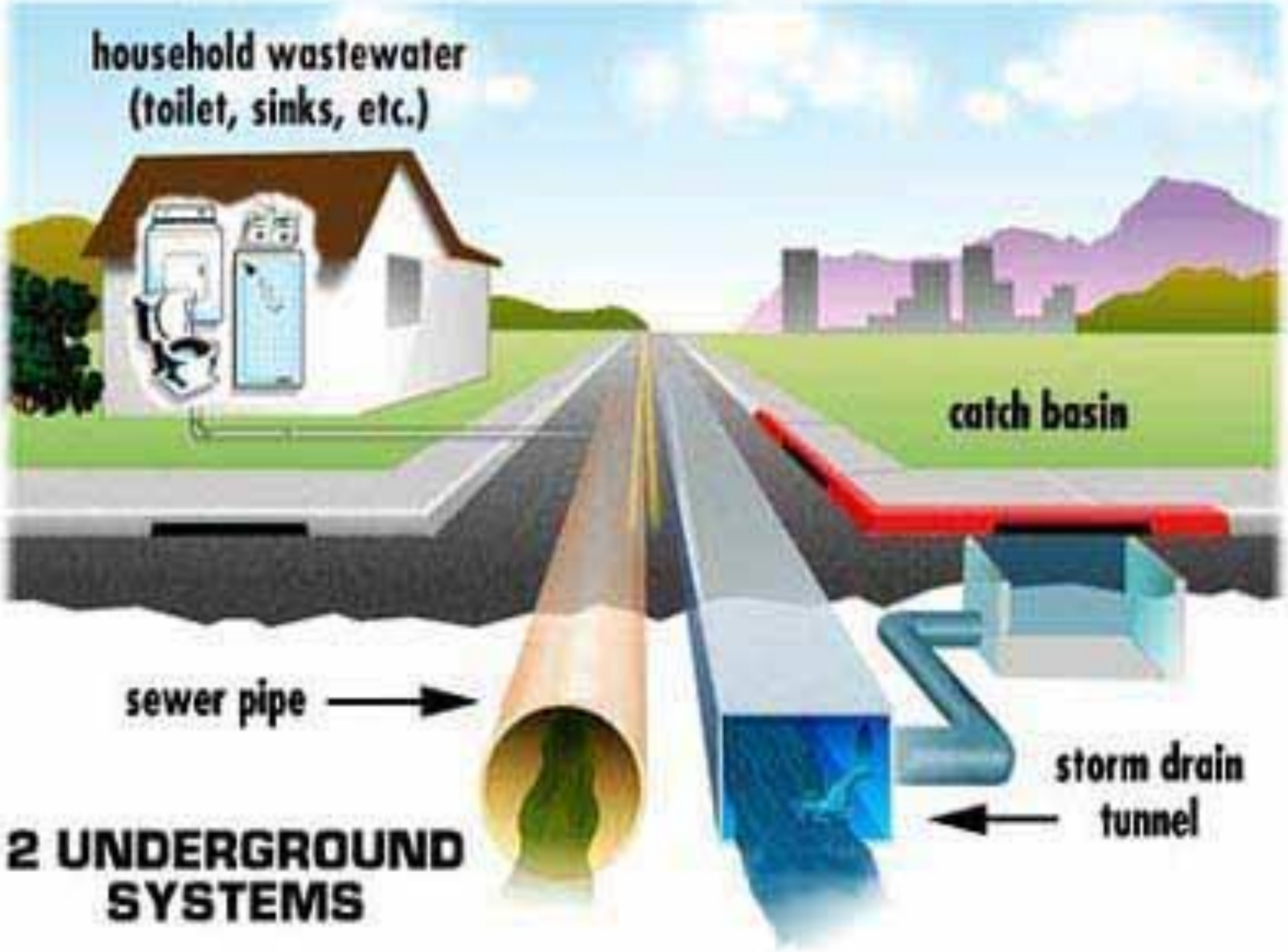





STOP

Storm Water Pollutants

- Sediment
- Nutrients
- Bacteria
- Oxygen Demand
- Oil and Grease
- Trace Metals
- Toxic Chemicals
- Chlorides
- Thermal Impacts


household wastewater
(toilet, sinks, etc.)
catch basin
sewer pipe
storm drain
tunnel
2 UNDERGROUND
SYSTEMS

LAT Storm Water Program

- Public Education and Outreach
- Public Involvement/ Participation
- Illicit Discharge Detection and Elimination
- Construction Site Runoff Control
- Post-Construction Storm Water Management
- Pollution Prevention/Good Housekeeping

MCM #1 - Public Education and Outreach

- Distribute educational materials developed by PA DEP
- Develop outreach plan for community
- Educate public on water quality impacts due to stormwater runoff and steps for reduction of pollutants

MCM #2 - Public Involvement/Participation

- Provide public notice
- Create a public involvement plan
- Hold a public meeting on the program
- Support volunteer programs
  - Water Quality Monitoring
  - Storm Drain Identification
  - Stream Clean-Ups

MCM #3 - Illicit Discharge Detection and Elimination

- Enact DEP's model ordinance or update our existing ordinance
- Develop storm sewer system map
- Implement program to detect non-storm water in system. Create a reporting mechanism for residents
- Educate community on problems related to dumping in storm sewers

MCM #4 - Construction Site Storm Water Runoff Control

- Enact DEP's model ordinance or update our existing ordinance
- Coordinate with County Conservation District
  - Erosion and Sediment Control Program
  - NPDES Construction Storm Water Permitting
- Educate construction industry – add contractors/builders to Target Audience List

MCM #5 - Post-Construction Storm Water Management

- Adopt PA DEP's model storm water management ordinance
- Ensure proper operation and maintenance of post-construction controls
- Continue BMP monitoring through annual mailing and reporting system

MCM #6 - Pollution Prevention/ Good Housekeeping

- Implement O & M program that focuses on pollution prevention
- Train municipal employees on good housekeeping practices
- Educate community on pollution prevention

Lower Allen Township MS4 Program Near Term Efforts

- *Complete and submit annual report*
- *Refine and continue implementation of SWMP*
- *Additional program documentation*
- *Evaluate new permit requirements and prepare implementation schedule*
- *Implement Chesapeake Bay Pollution Reduction Plan (PRP)*

Chesapeake Bay Pollution Reduction Program

- LAT is required to reduce pollutants within the next 5 year permit term period by a 10% reduction in sediment
- A PRP (Pollution Reduction Plan) has been submitted to DEP by LAT
- The PRP proposes retrofitting 10 SWM basins to bioretention areas/basins in the township to reduce pollutants to the waters of the commonwealth

Lower Allen Township MS4 Program Longer Term Efforts

- Revise Target audience list as needed
- Step up Public Involvement and Participation and Outreach
- Prepare for program changes in PAG -13
- Greater emphasis on Water Quality

Comments
Questions?

For More Information. . .

Rebecca Davis
Township MS4 Coordinator

- rdavis@latwp.org

717-975-7575 ext. 1010

ATTACHMENT # 11

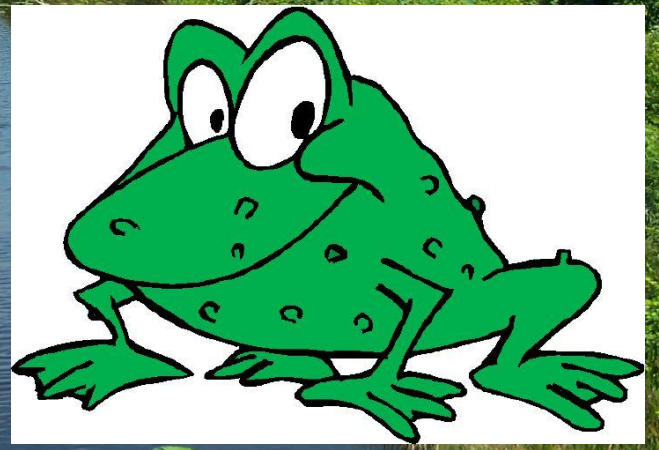
WEST SHORE RECREATION CAMP PRESENTATION & PICTURE



What is a Watershed?

Lower Allen Township – Rebecca Davis

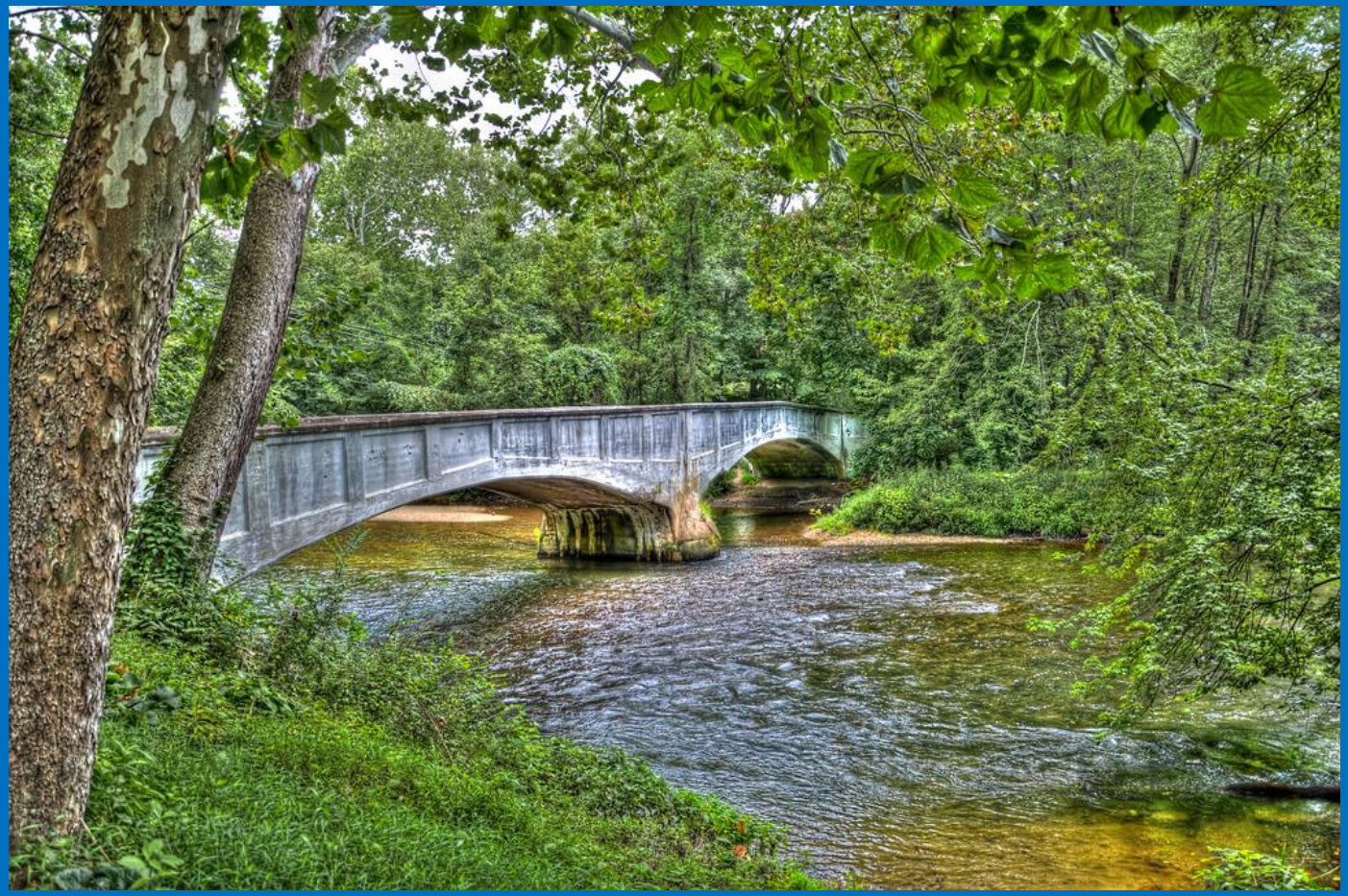
A watershed is an area of land where all of the water that is under it drains off of it and goes into the same place



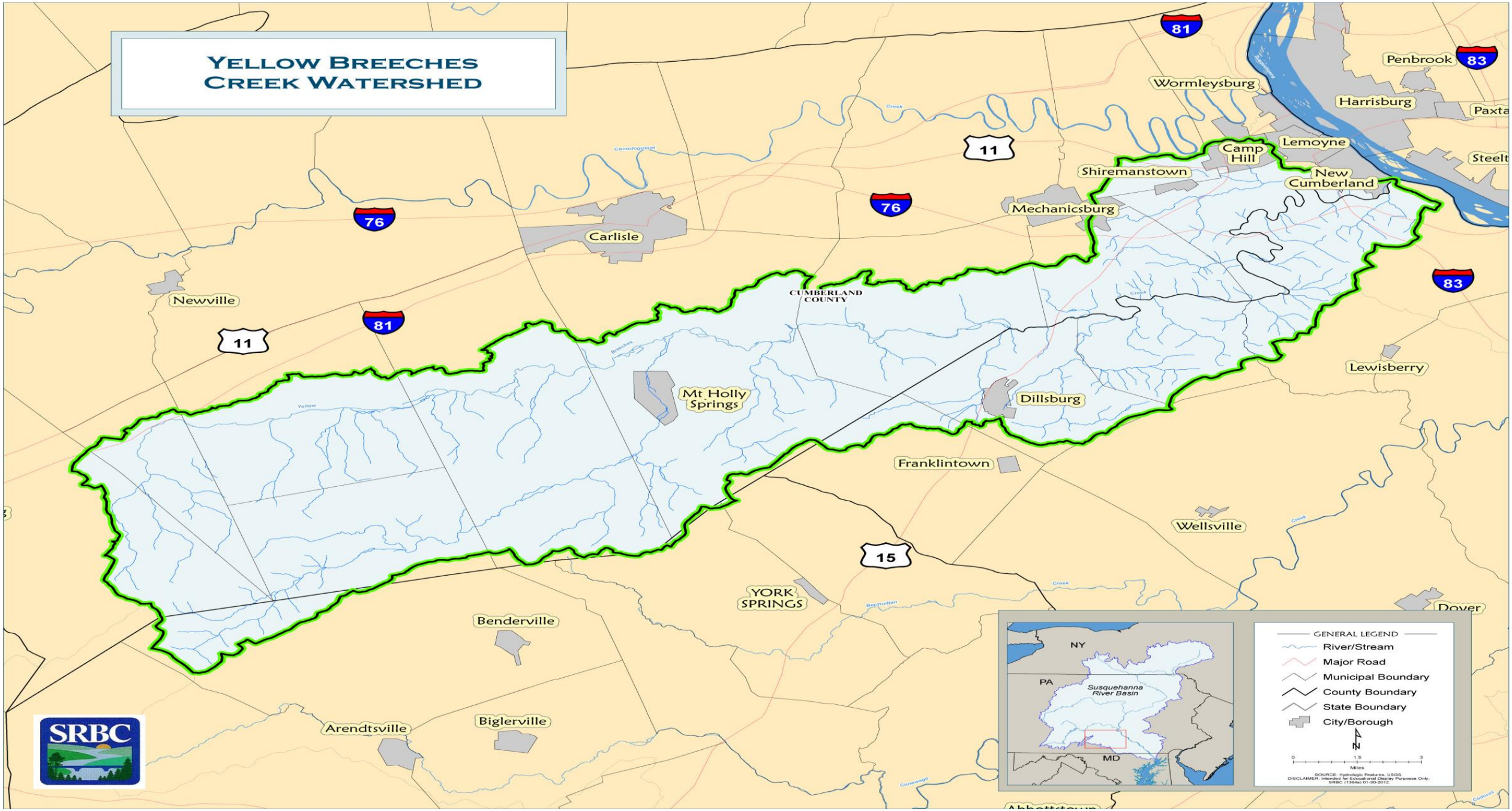
Everyone lives in a watershed.

Lower Allen Township is located in the Yellow Breeches Watershed which drains to the Susquehanna Watershed.

The Yellow Breeches drains to the Susquehanna River.



Yellow Breeches, Camp Hill PA


YELLOW BREECHES CREEK WATERSHED
81
Penbrook
83
Wormleysburg
Harrisburg
Paxta
11
Lemoyne
Camp Hill
Steelt
Shiremanstown
New Cumberland
76
Mechanicsburg
Carlisle
83
CUMBERLAND COUNTY
Newville
81
11
Lewisberry
Mt Holly Springs
Dillsburg
Franklintown
Wellsville
15
YORK SPRINGS
Dover
Benderville
Arendtsville
Biglerville
NY
PA
Susquehanna River Basin
MD
GENERAL LEGEND
River/Stream
Major Road
Municipal Boundary
County Boundary
State Boundary
City/Borough
N
0
1.5
3
Miles
SOURCE: Hydrologic Features, USGS;
DISCLAIMER: Intended for Educational Display Purposes Only;
SRBC (1394a) 01-30-2012
SRBC

watersheds

our water source



snow melt



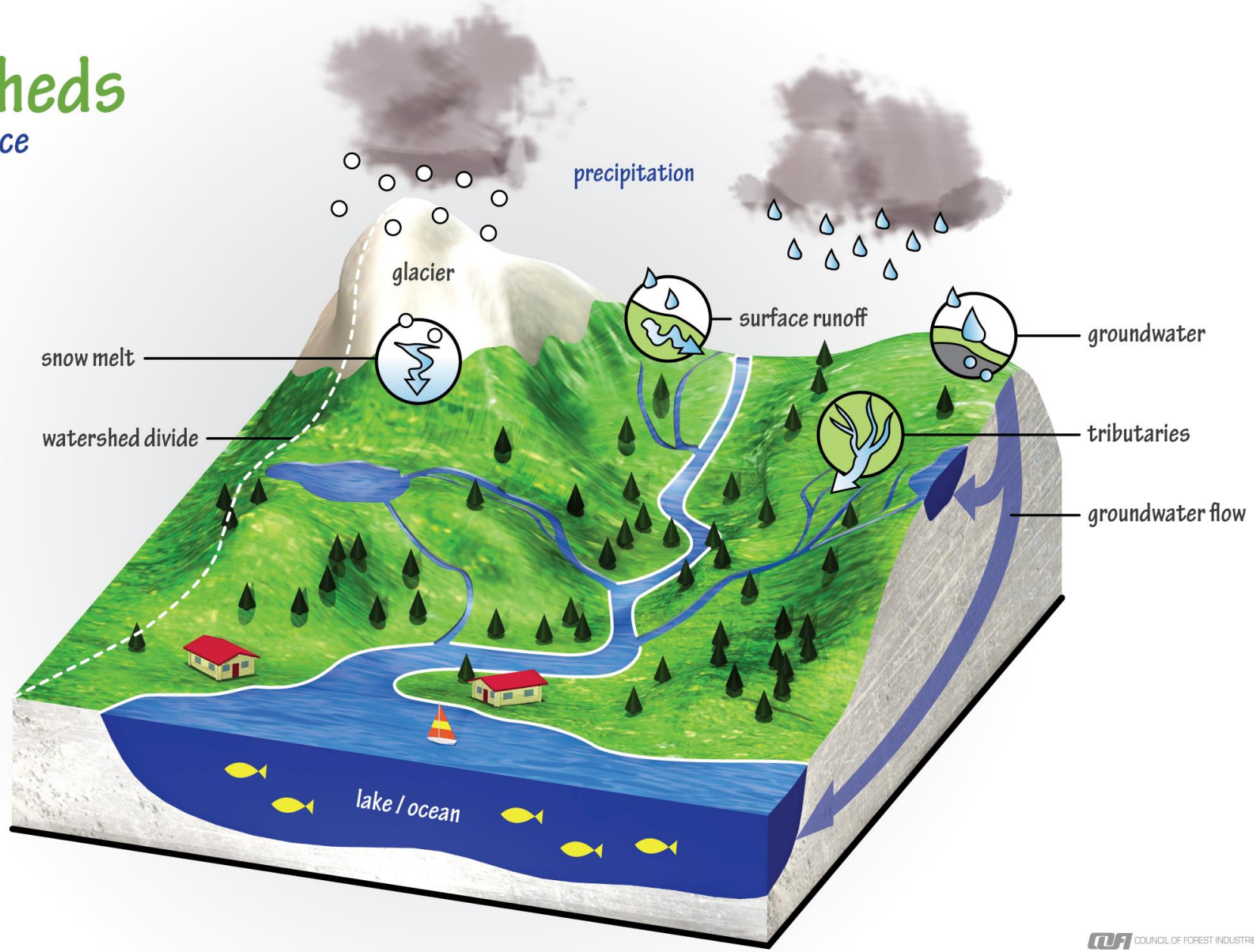
surface runoff



tributaries



groundwater



COUNCIL OF FOREST INDUSTRIES

The earth has a limited amount of water. That water keeps going around and around and around and (you get the idea) in what we call the “Water Cycle”.

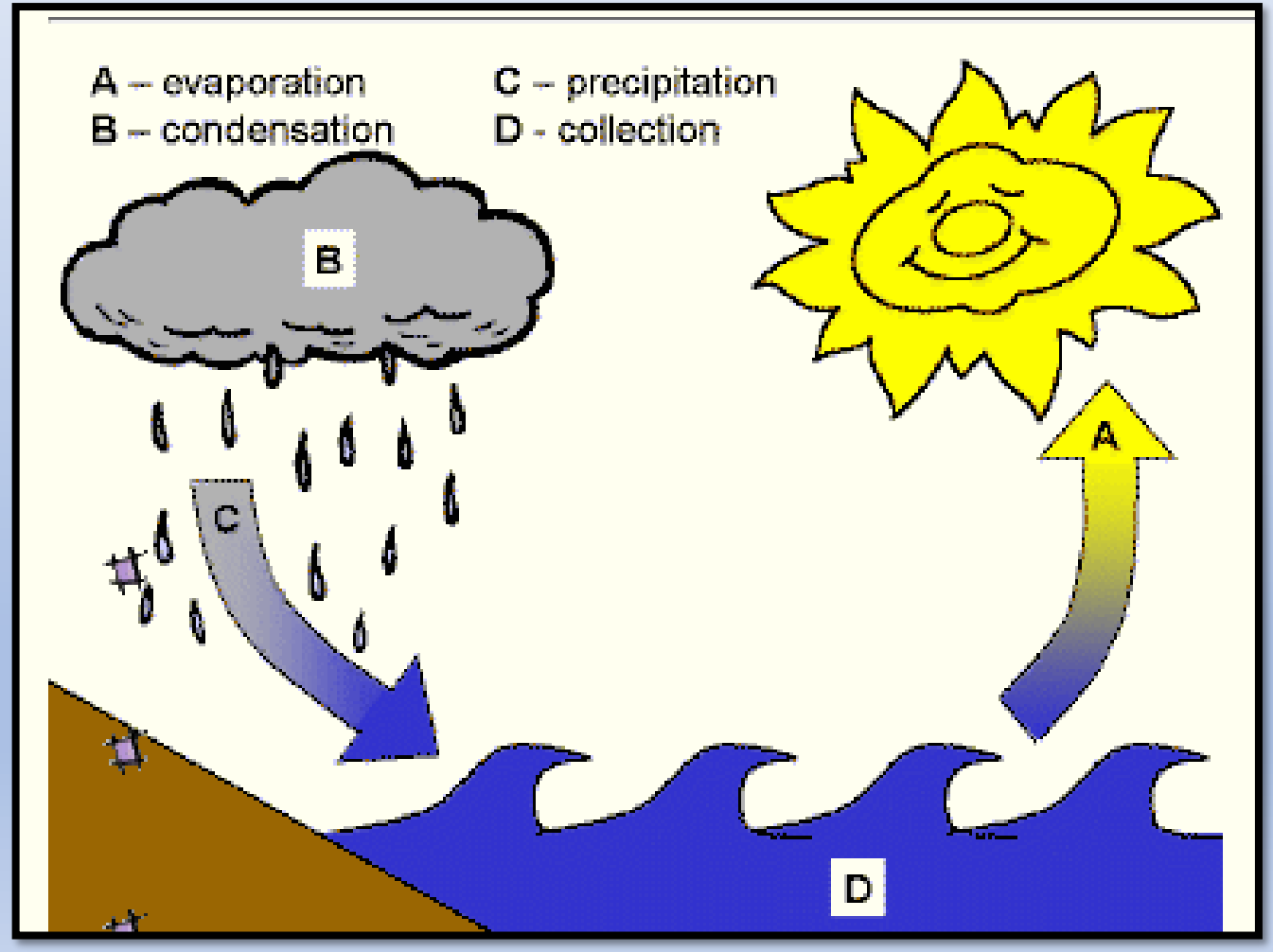
There are several parts that make up the water cycle:

A - Evaporation (and Transpiration)

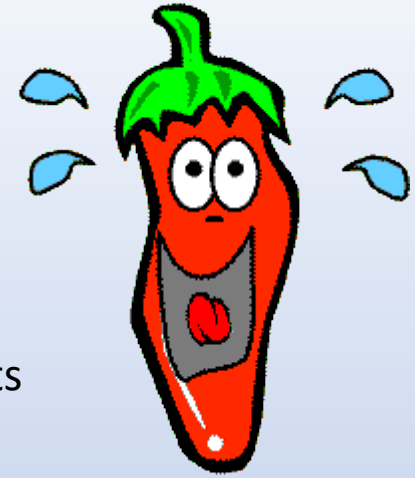
B - Condensation

C - Precipitation

D - Collection



EVAPORATION



Evaporation is when the sun heats up water in rivers, lakes, or the ocean and it turns into vapor or steam. The water vapor or stem leaves the river, lake, or ocean and goes into the air.

DO PLANTS SWEAT?

Well sort of……People perspire (sweat) and plants transpire. Transpiration is the process by which plants lose water out of their leaves. Transpiration gives evaporation a bit of an hand in getting the water vapor back up into the air.



CONDENSATION

Condensation is the process when water vapor that is in the air gets cold and changes back into liquid, forming clouds.

You can see the same sort of thing at home…….pour a glass of cold water on a hot day and watch what happens. Water forms on the outside of the glass. The water didn't leak through the glass did it? No it actually came from the air. Water vapor in the warm air turns back into a liquid when it touches the cold glass.





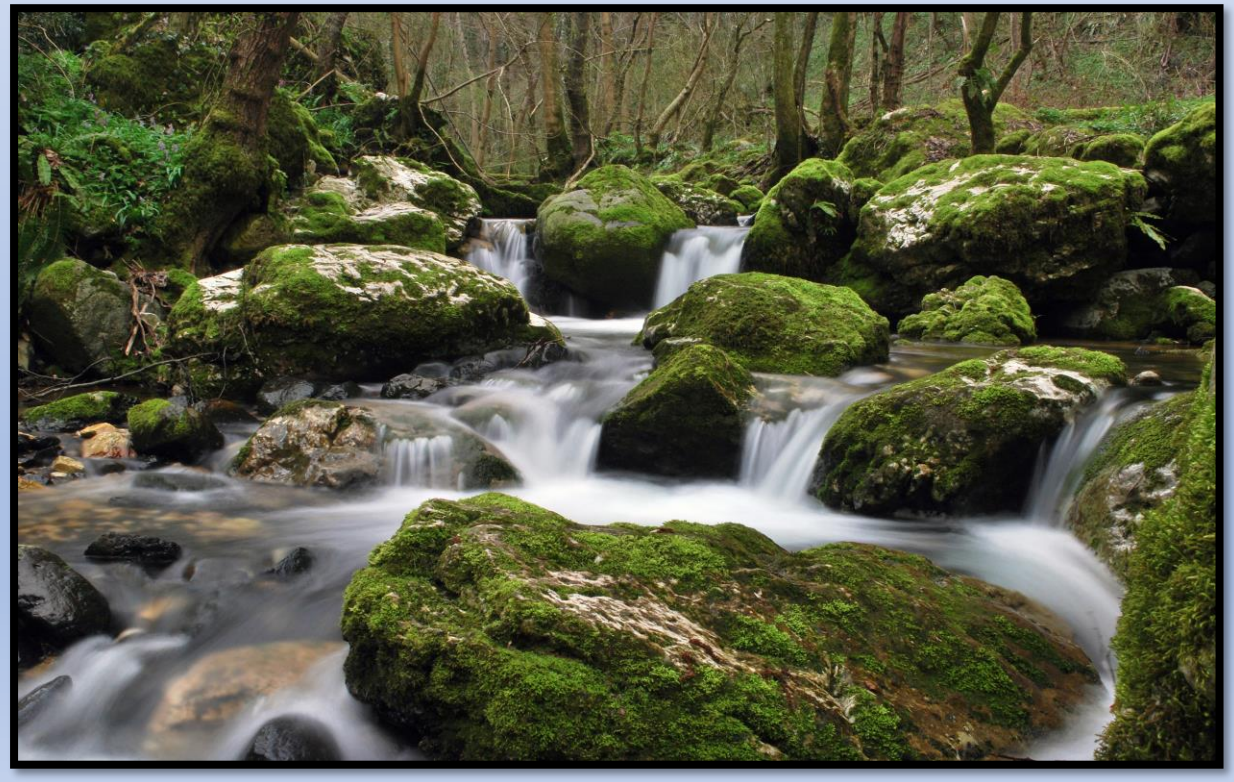
PRECIPATATION

Precipitation occurs when so much water has condensed that the air cannot hold it anymore. The clouds get heavy and water falls back to the earth in the form of rain, hail, sleet, or snow.

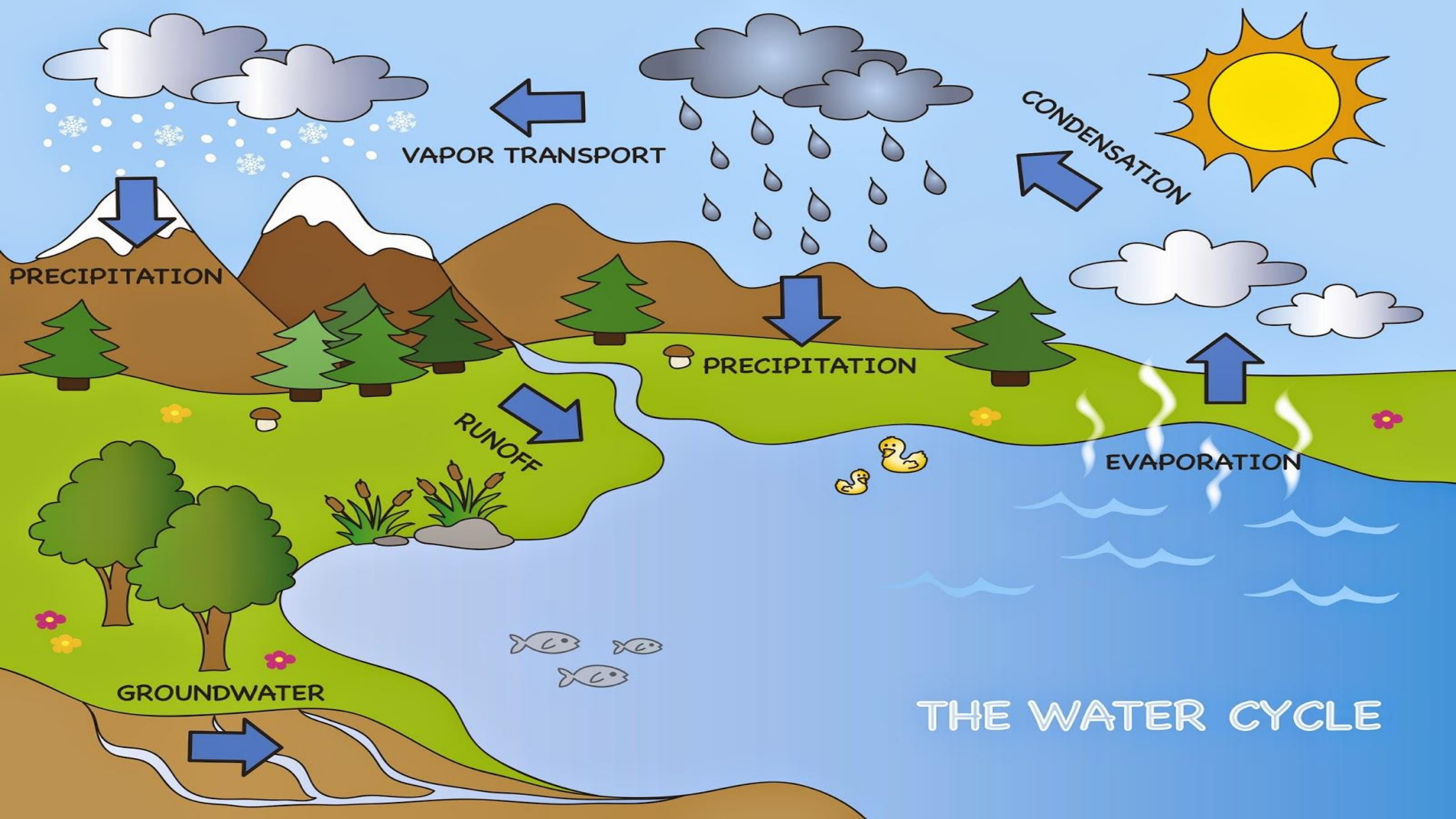


COLLECTION

When water falls back to earth as precipitation, it may fall back into oceans, lakes, or rivers or it may end up on land. When it ends up on land, it will either soak into the earth and become part of the “ground water” that plants and animals use to drink or it may run over the soil and collect into oceans, lakes, rivers or streams where the water cycle begins ALL OVER AGAIN.






VAPOR TRANSPORT
CONDENSATION
PRECIPITATION
PRECIPITATION
RUNOFF
EVAPORATION
GROUNDWATER
THE WATER CYCLE

Let’s talk about STORMWATER:

Where does all of the excess water (precipitation) go after it rains?

Has anyone seen one of these before?





Storm drains, storm sewers, streets, canals, and catch basins carry excess rain and ground water from paved streets, parking lots, sidewalks and roofs.









The neighborhood that you live in most likely uses storm drains to carry stormwater to creeks, streams, and rivers.

Does anyone have one of these “ponds” where you live or seen one before?



Detention basin and swale





Storm Drain or Culvert



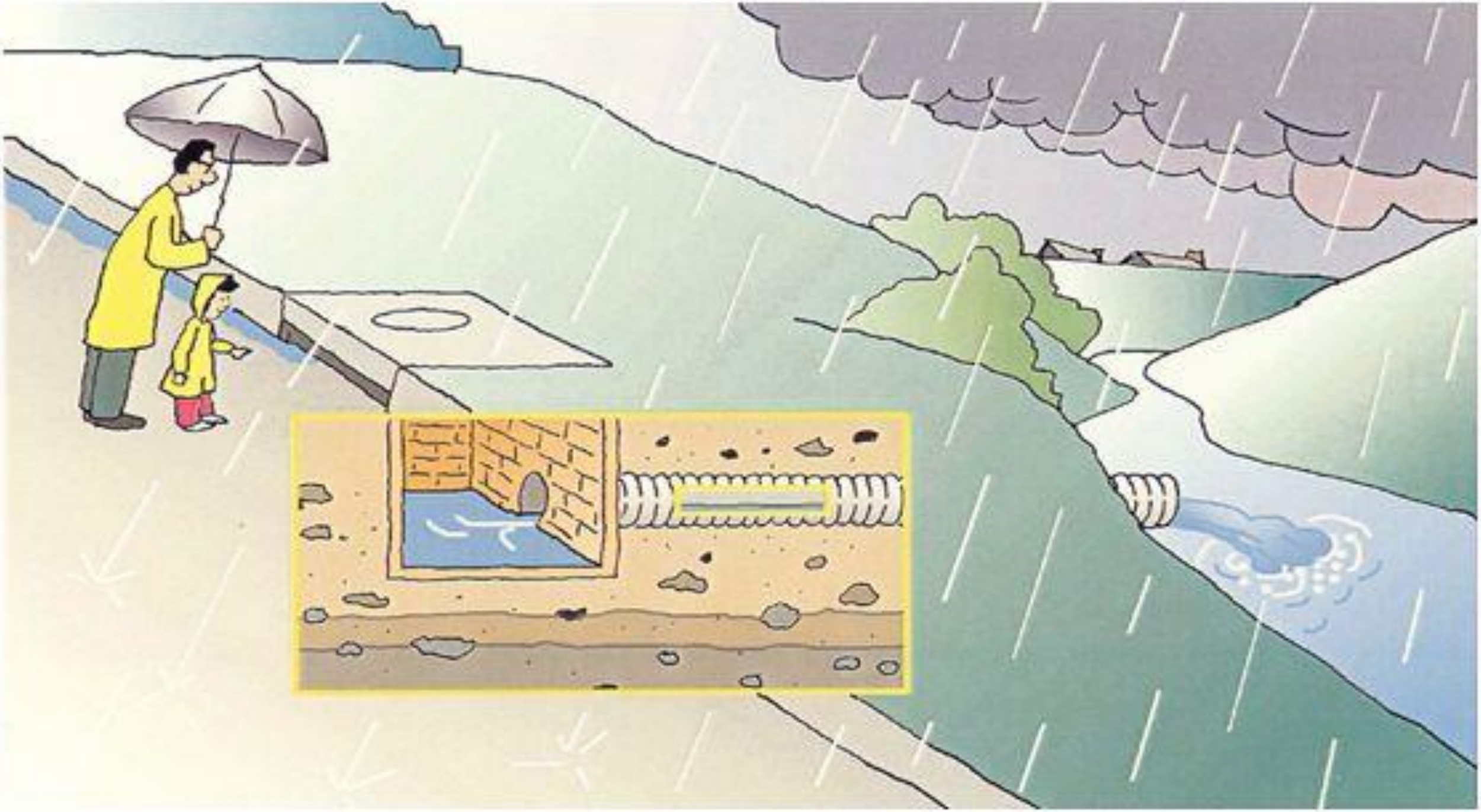
So……where does the storm sewers and detention ponds take the stormwater??





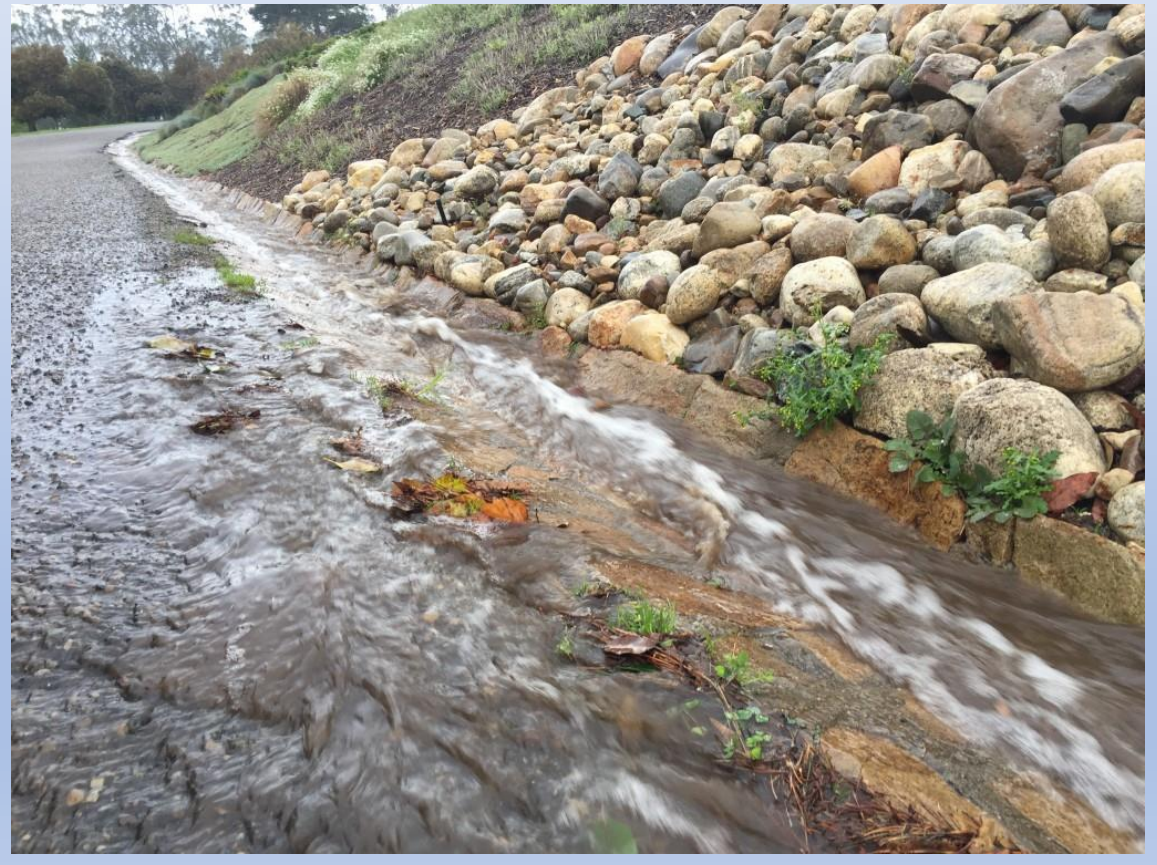
Storm sewers carry stormwater to detention ponds or directly to creeks, streams and rivers and eventually all of the water will end up in our oceans.





Some stormwater goes directly into creeks, streams, or rivers without entering pipes. The water is carried along streets and travels downhill directly into the body of water.

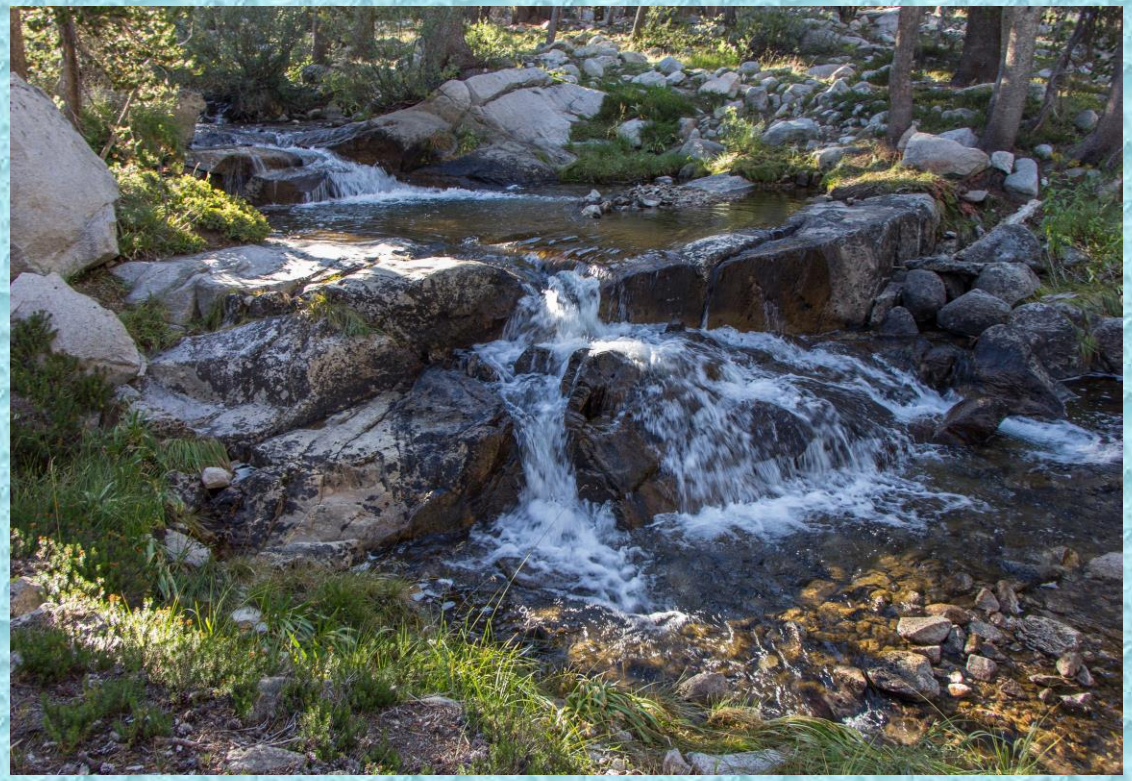




Creeks, streams, rivers, and ponds are home to many animals that can be hurt by harmful pollutants that runoff from our streets.

Can you name some of the animals that live in our watershed?





Heron, red tailed hawks, peregrine falcons, bald eagles, owls, whitetail deer, groundhogs, muskrats, opossum, fox, trout, turtles, frogs, snakes, ducks, geese, insects, plants……..just to name a few.























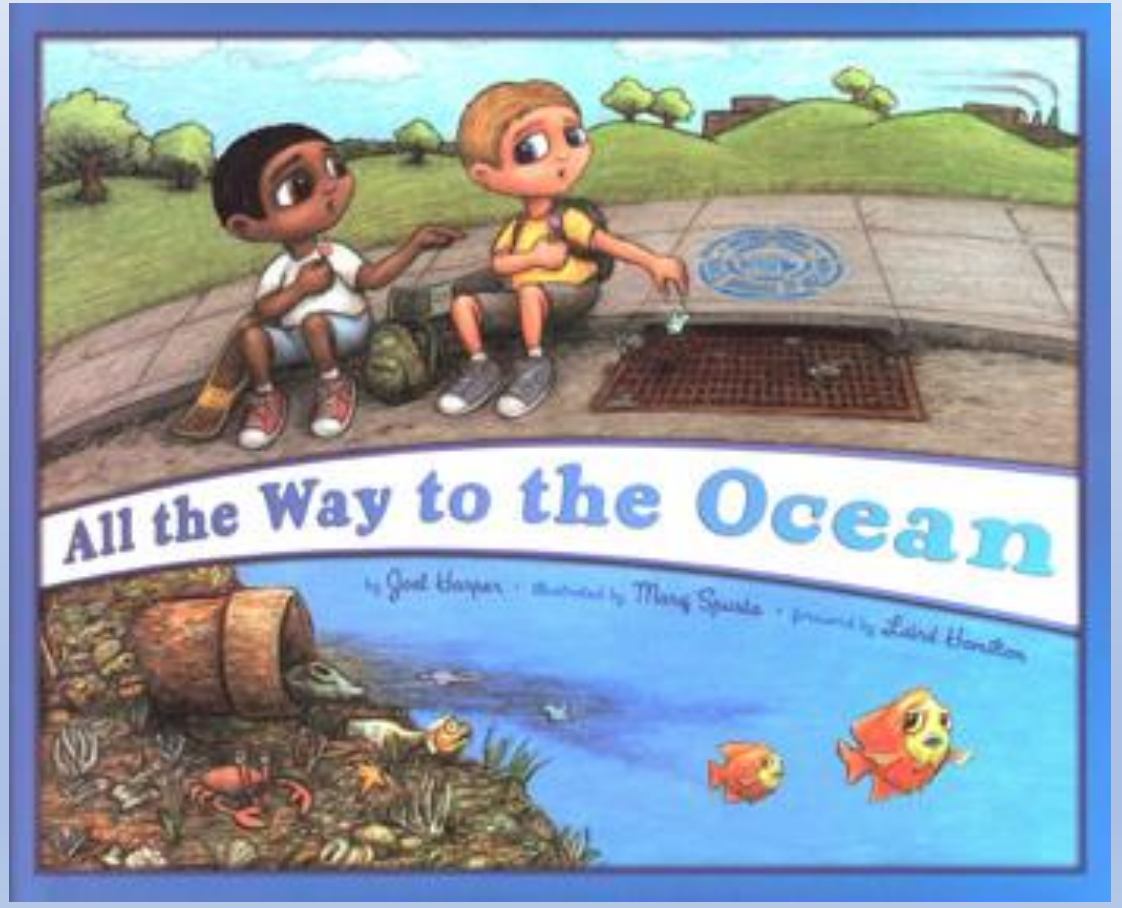


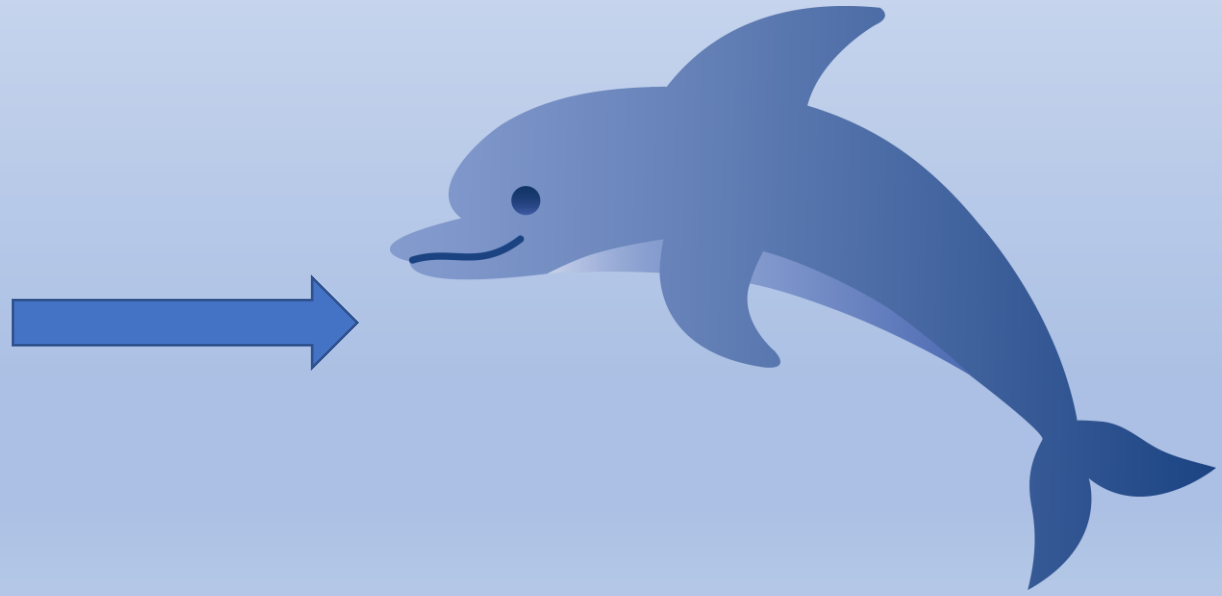



A healthy environment starts with clean water
Only rain should go in the storm drains.

WHAT HAPPENS WHEN WE POLLUTE THE ENVIRONMENT?

If we litter the pollution often ends up in our storm drains and eventually finds its way to the rivers and oceans!


















Save the river
CARTOONSTOCK .com
Search ID: rdin819

Besides trash what other kinds of pollutants harm our water?





Dirt



Oil & Grease



Pet Waste



Pesticides & Fertilizers



Yard Waste



Dumping

What can YOU do to help stop stormwater pollution?







Throw your trash in a garbage can or trash receptacle.

Recycle whenever possible – participate in recycling programs in your school and community.

Use reusable water bottles instead of disposable water bottles and paper products.







Recycle used oil, paint, chemicals and pesticides.

NEVER pour anything down a storm drain. The only thing that should go into a storm drain is STORMWATER!!!









PETS AND PET WASTE

Pick up after your pets!

Use the pet waste disposal bags provided at parks and always bring your own bags in case the place that you are going to does not have pet waste disposal stations.

There are harmful bacteria in pet waste that can pollute the watershed.







WASHING YOUR CARS

The soap and water that you use to wash your cars can end up in the storm drains and in our creeks, rivers and streams. The soap has chemicals that can cause water temperature to rise and harm plants and animals.

Take your cars to a commercial car wash or wash your cars in the grass









Lawn Care

Mulch your lawn when mowing. The nutrients will go back into the soil of the lawn and you will avoid bagging grass and adding it to a landfill.

Mulching will save time and money for you. Be sure to not blow grass clippings into the street.

Do not overwater your lawn. Use pesticides on lawn according to their recommended amounts. Do not overspray or spread these products into the street.



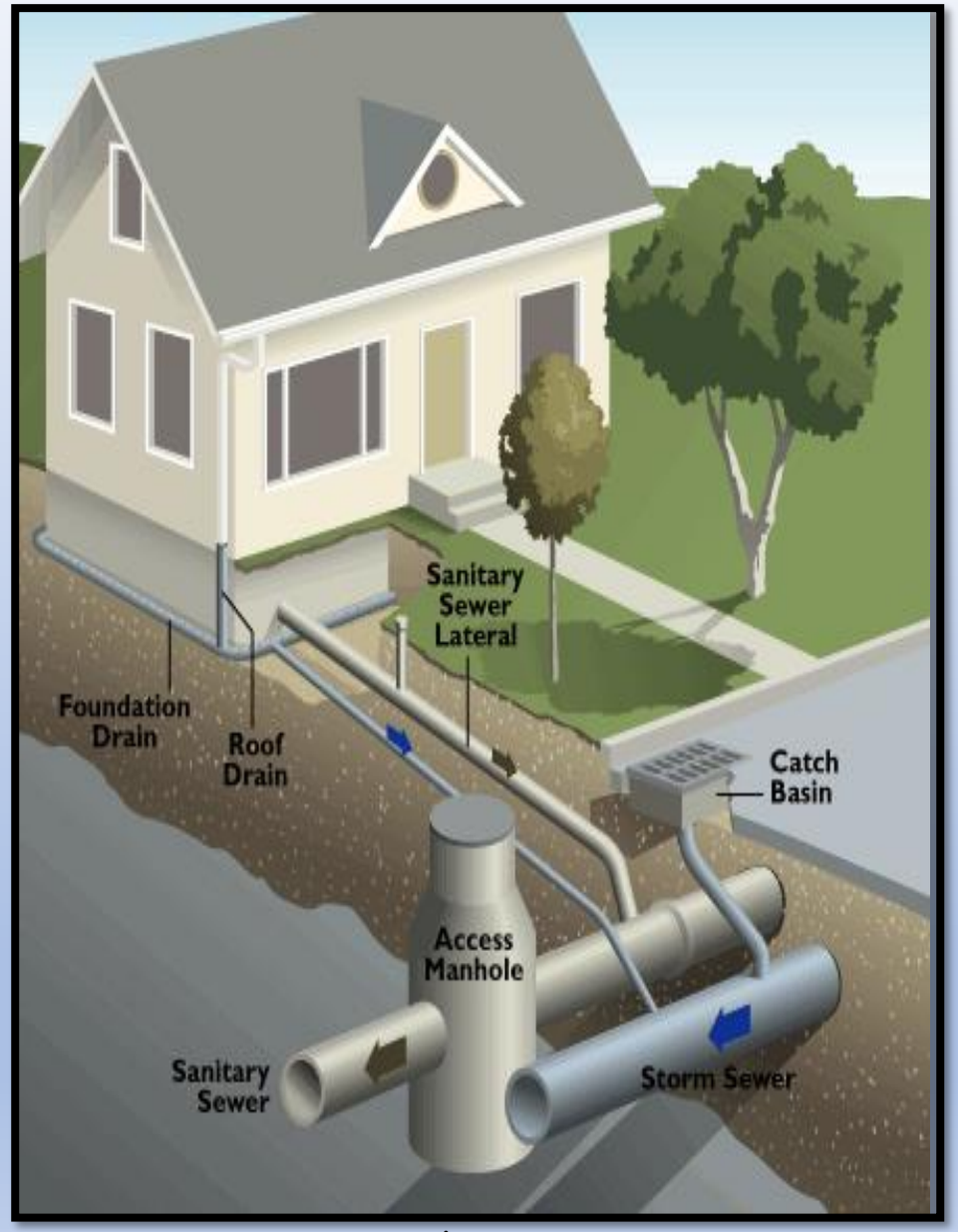




Does anyone know the difference between Storm Sewers and Sanitary Sewers?

Storm sewers carry rainwater only and the water does not get cleaned or treated.

Sanitary sewers carry wastewater which eventually gets treated and cleaned at the wastewater treatment plant.



Sanitary sewer and storm sewer



Wastewater Treatment Plant

Examples of wastewater are:



Toilets



Washing machines



Dishwashers



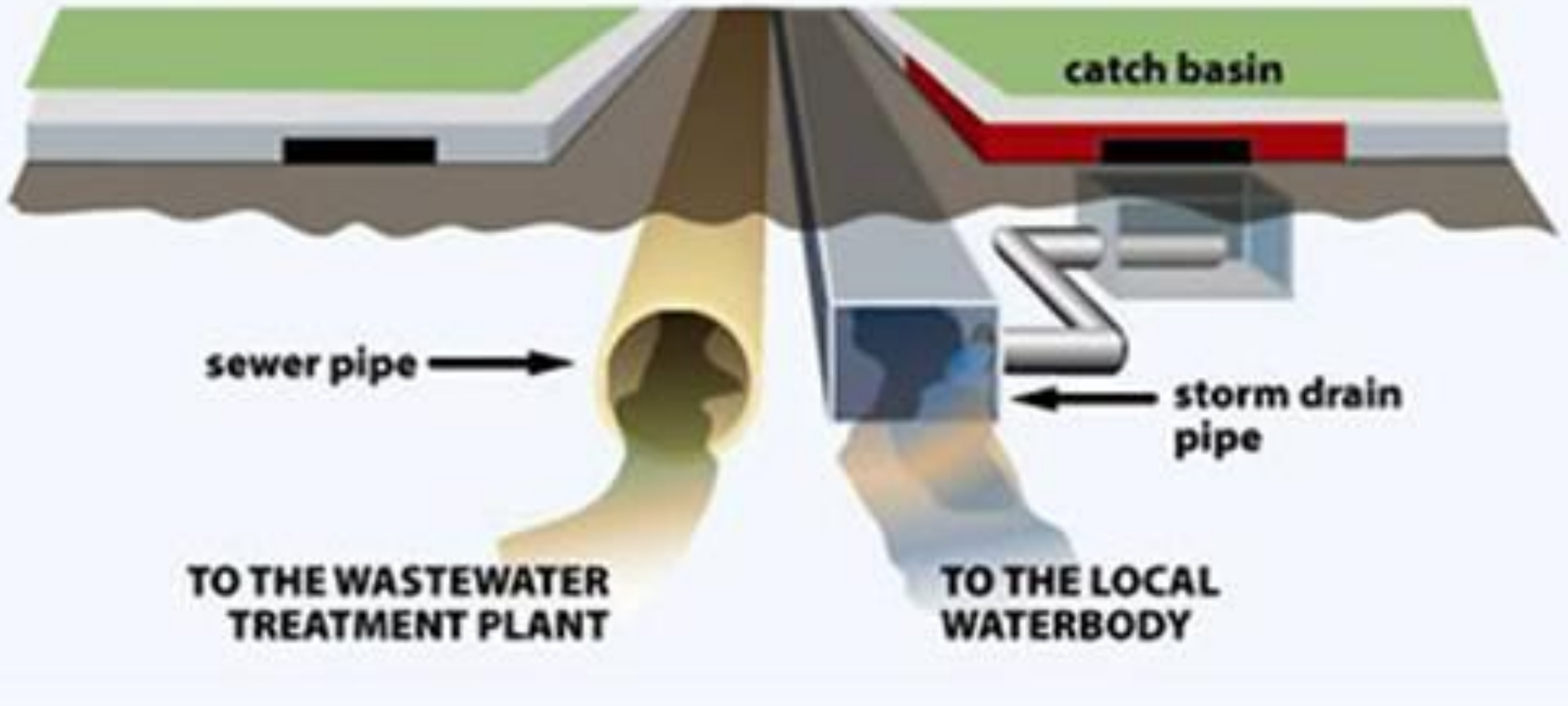


Sinks



Baths & Showers

Storm Drain Systems are Separate from Wastewater Systems





Sanitary Sewer manhole lid – treated at a sewage treatment plant.



Storm Sewer manhole lid – discharges directly to stream – not treated.

Manhole Lid Covers

LET’S REVIEW – STORMWATER QUIZ

QUESTION #1 – What is a Watershed?

A. An area where streams and rivers connect

B. The point where a stream discharges into a river

C. An area of land where all of the water that is under it drains off of it and goes into the same place

D. When it rains and water is collected in a stream

QUESTION #2 – What Watershed is Lower Allen Township Located In?

A.Cedar Run

B.Delaware

C.Yellow Breeches

D.Susquehanna

QUESTION #3– Water keeps going around and around and around on earth in what we call the?

A.Toilet bowl

B.Car Wash

C.Water Bicycle

D.Water Cycle

QUESTION #4– Which one of these is NOT a part of the water cycle?

A. Evaporation

B. Location

C. Collection

D. Precipitation

QUESTION #5– The process by which plants lose water out of their leaves?

A. Transpiration

B. Evacuation

C. Discussion

D. Exclamation

QUESTION #6 – _____ is the process when water vapor that is in the air gets cold and changes back into liquid, forming clouds. This can also occur on a glass when there is cold liquid inside and it's hot outside.

A. Evaporation

B. Fog

C. Condensation

D. Thunder Storm

QUESTION #7 – The neighborhood that you live in most likely has these in the street that carry stormwater to the creek, stream, or river.

A. Floats

B. Storm Drains

C. Cars

D. Leaves

QUESTION #8 – Choose the items listed below that can pollute our stormwater.

A. Trash

B. Oil/Grease

C. Pet Waste

D. All of the above

QUESTION #9 – Grass clippings should be placed in the street to wash down the storm drains.

A. TRUE

B. FALSE

QUESTION #10 – Which of the following animals lives in our watershed?

A. Canadian Geese

B. Muskrats

C. Rainbow Trout

D. All of the above

QUESTION #11 – Stormwater is treated at a treatment plant before going into the creek.

A. TRUE

B. FALSE

Lower Allen Township's MS4 Coordinator, Rebecca Davis, spoke to the West Shore Recreation Summer Program on June 29th, 2018, regarding Stormwater and ways to stop stormwater pollution. Mrs. Davis spoke to two groups of children in an interactive presentation to educate our youth about ways that stormwater can be polluted and also how they can be a part of the solution to stop it!

Below is a picture of Mrs. Davis with the West Shore Summer Recreation Program participants from 4th through 6th grades.



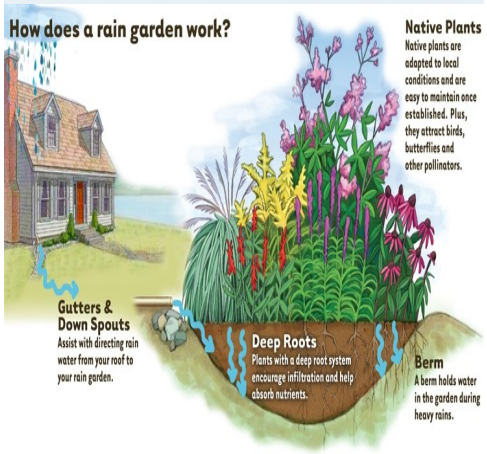
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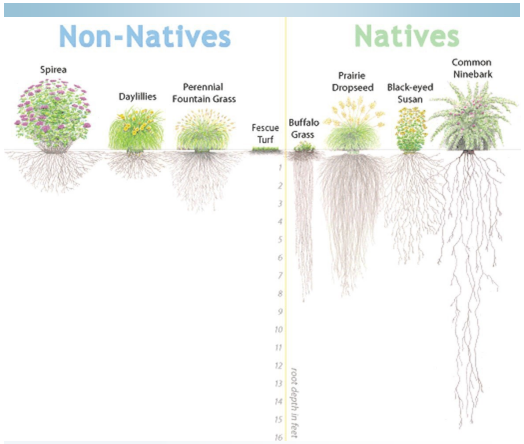
MS–4 PAMPHLETS – FRONT COUNTER

What is a Rain Garden?

A rain garden is an easy and effective tool that you can use to help reduce stormwater runoff on your property. The gardens are placed on property to intercept stormwater runoff until it can be absorbed into the ground.

- A rain garden is designed to serve as a “bowl” to collect stormwater from your property.
- The water is able to slowly infiltrate into the underlying soil.





The importance of Non-Native vs. Native Plants:

1. Native plants are the best option for rain gardens because they need little maintenance once established.
2. Native Plants develop deeper root systems and can absorb more water than non –native plants.
2. Native plant s attract birds, butterflies, and many other species.

For Additional Information Contact:

Lower Allen Township

2233 Gettysburg Road
Camp Hill, PA 17011
Phone: 717-975-7575 Ext. 1010
Rebecca Davis—MS4 Coordinator
rdavis@latwp.org
www.latwp.org

Information provided by the Alliance for the Chesapeake Bay - www.stormwater.allinaceforthebay.org

Lower Allen Township

A Township of the First Class

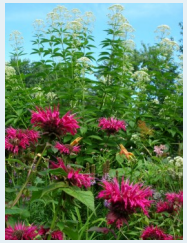
A Residential Guide for Constructing Your Own Raingarden



Anatomy of a Rain Garden

A rain garden can be summarized in three main components: **Plants, Soils, and Cover.**

Plants: Select native plants for the edge of the rain garden. Consider sun, partial sun, shade. The plants should be aesthetically pleasing.



Soils: Loose soils that offer filtration and allow easy root growth. Amend soils if necessary - 50-60% Sand, 20-30% topsoil, 20-30% compost.



Cover: (gravel or mulch) - offers soil erosion control. Large stones can be used for edge reinforcement during storms.



Rain Gardens are made up of a bowl like depression in the ground. The downhill side has a raised berm of soil to allow water to sit in the garden and infiltrate. The shape is typically similar to a kidney bean to allow a wide sheet flow of runoff to enter the garden.

Build it Yourself

Installing a rain garden on your property is something that most homeowners can do all by themselves. The steps below outline the process.

1. **Choose Your Location:** The rain garden must be in a place that can collect runoff from as much impervious area as possible. It should be located at least 5'-15' away from your home and where water naturally drains but does not pond.

2. **Call PA One Call (811)** prior to digging to make sure the site is clear of underground utilities.

3. **Conduct a soil infiltration test*:** Without proper infiltration your rain garden may turn into a pond. This test will determine the proper location for your rain garden.

4. **Sizing the Garden*:** The surface area should be based on the contributing drainage area to the rain garden.



Build It Yourself (cont.)

5. **Excavate the rain garden:** Your rain garden depth will be between 18"-36", with 6" ponding area.

6. **Fill the rain garden with soil media mix.** Limited clay content is very important. The mix should consist of 50% sand, 25% topsoil, and 25% compost.

7. **Plant and Mulch:** Choose native plants that will need little maintenance when established.

8. **Maintenance:** Rain gardens will require weeding, watering when there are dry conditions, and raking mulch .

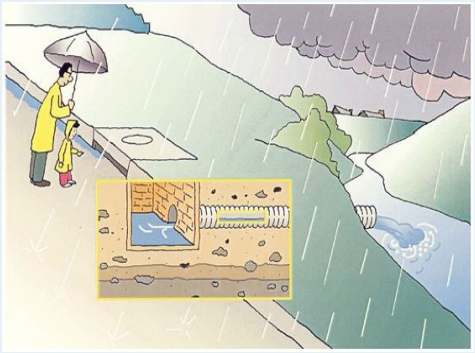
*Additional information regarding conducting infiltration tests and rain garden sizing can be found on the Alliance for the Chesapeake Bay website: www.stormwater.allianceforthebay.org



What is MS4?

MS4 is known as Municipal Separate Storm Sewer System. An MS4 is a conveyance or system of conveyances that is:

- Owned by a state, city, town, village, or other public entity that discharges to waters of the commonwealth.
- Designed or used to collect or convey stormwater (roads with drainage systems, storm drains, curbs, gutters, pipes, ditches).





Help Lower Allen Township stop stormwater pollution! Report potential problems to the Township via the website or the contact below.



Lower Allen Township

2233 Gettysburg Road
Camp Hill, PA 17011
Phone: 717-975-7575 Ext. 1010
Rebecca Davis—MS4 Coordinator
rdavis@latwp.org
www.latwp.org

Information provided by the Environmental Protection Agency (USEPA) www.epa.gov & PA Department of Environmental Protection (PADEP) www.dep.pa.gov

Lower Allen Township

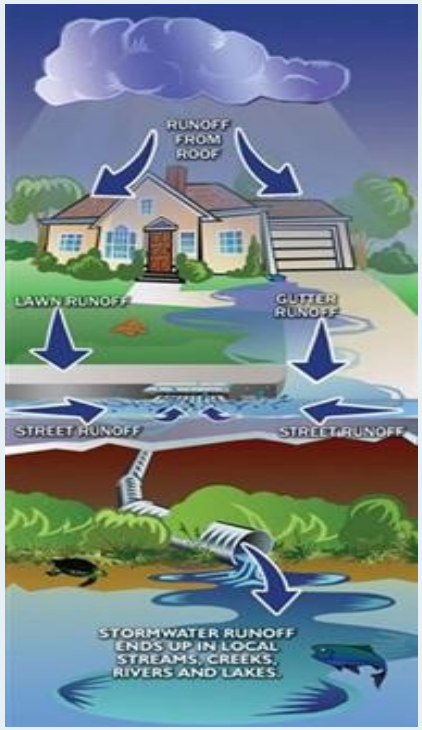
A Township of the First Class

A Residential Guide for Preventing Stormwater Pollution



Residential Causes of Stormwater Pollution

As stormwater runs over our homes, lawns, driveways and sidewalks it picks up debris and pollutants. The polluted stormwater runoff is conveyed to the MS4 and ultimately to our streams without treatment. The stormwater can carry pesticides, chemicals, sediment, trash, fertilizers, and other pollutants that are harmful to our streams



How You Can Help?

- Be mindful of the area where you wash your vehicles. Take care to ensure that the discharges are not emptying directly into a stormwater inlet.
- Check your vehicles often for leaks and repair them promptly. If you notice a fluid leak use a drip pan to contain the leak until you can get the problem fixed.
- Recycle used oil and fluid at vehicle service repair stations. Check with the County Recycling site regarding acceptable items for recycling - https://www.ccpa.net/124/Recycling-Waste
- Participate in the Township's Yard Waste Drop Off and Leaf Composting Programs. Information is available on our website www.latwp.org.
- Do not overwater your lawn and use pesticides and fertilizers according to their recommended amounts. Do not overspray or spread these products into the street.
- Pick up your pet waste and dispose of it properly into your trash receptacles.
- Regularly inspect your septic system and pump your tank as necessary.





Best Management Practices (BMPs) for your home

Rain Gardens—



Specially designed areas planted with native plants can provide natural places for rainwater to collect and soak into the ground.

Rain Barrels—



Homeowners can collect rain water from rooftops and downspouts in containers. The water collected can be used later on lawns, plants, and garden areas.

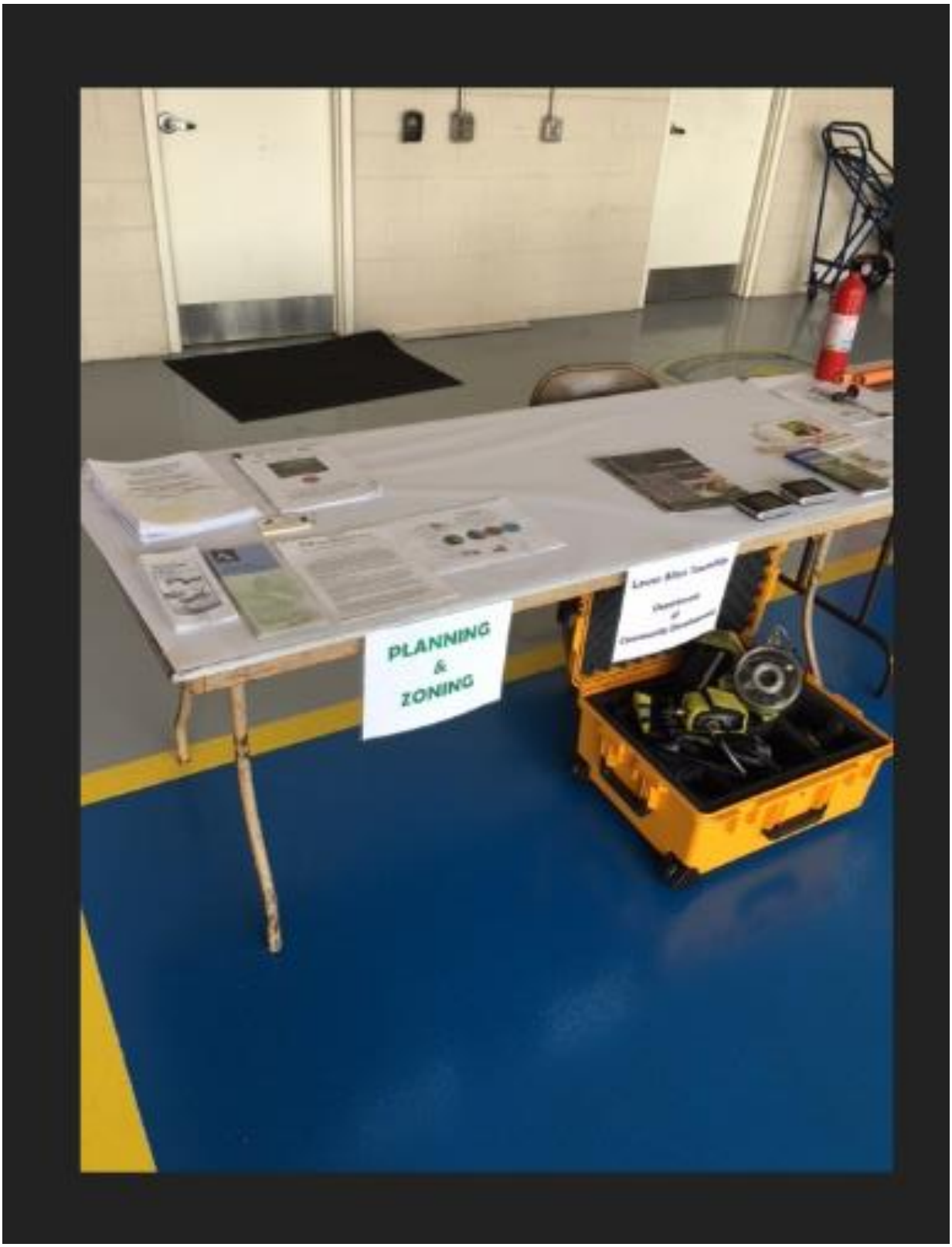
Downspout Planters— a decorative garden planter filled with gravel, soil, and vegetation that utilizes rainfall from the roof as irrigation. They are connected to the roof downspout to let water flow into the planter and slow down the water velocity.



ATTACHMENT # 13

MS-4 HANDOUTS FOR NATIONAL NIGHT OUT

MS4 Handouts made available at National Night Out Table on 8/1/2017



ATTACHMENT # 14

POLLUTION REDUCTION PLAN INFORMATION

MINUTES

BOARD OF COMMISSIONERS **LOWER ALLEN TOWNSHIP**

REGULAR MEETING **JULY 10, 2017**

The following were in ATTENDANCE:

BOARD OF COMMISSIONERS
H. Edward Black, President
Peddrick Young, Vice President
Richard F. Schin
Carolyn Holtzman
Jack Simpson

TOWNSHIP STAFF
Thomas G. Vernau Jr., Township Manager
David Holl, Director of Public Safety
Daniel Flint, Community Development
John Eby, Building and Zoning Coordinator
Leon Crone, Police Captain
Steven P. Miner, Solicitor
Julie Echterling, Recording Secretary

President Black called the July 10, 2017 Regular Meeting of the Board of Commissioners to order at 7:00 pm. He followed with a prayer and the Pledge of the Allegiance. He announced that Proof of Publication was available for review.

MEETING MINUTES

Commissioner **SCHIN** made a motion to approve the minutes from the June 12, 2017 meeting of the Board of Commissioners. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

AUDIENCE PARTICIPATION: ANY ITEM ON THE AGENDA

Mr. Ryan Caboot asked to speak about the security reduction for Phases II and III in Beacon Hills.

SERGEANT'S PROMOTION CEREMONY-CORPORAL DOUGLAS L. FOLTZ

Director Holl spoke about the promotion process for the position of Sergeant. He spoke about the grueling testing. He stated that there were three candidates and Officer Foltz stood out as the top candidate. He spoke about Foltz's background including a BS in Criminal Justice, Army Reserves, and his advancements in his career as a Lower Allen Township Police Officer. Judge Clement administered Sergeant Foltz's oath of office. President Black read the Resolution passed for his promotion and thanked him for his work and dedication for the Township's citizens.

TOWNSHIP'S CHESAPEAKE BAY POLLUTION REDUCTION PLAN – PUBLIC REVIEW AND COMMENT

Mr. Flint stated that the MS4 permit application is due on September 16th. He said that the requirements of the public plan include 30 days for public comments and review. He stated that the plan is posted on the website and a copy is available at the front desk. He stated that this is the time and place for public comment and review of the Township's Chesapeake Bay Pollution Reduction Plan. He welcomed anyone from the public to comment on the plan. There were no comments offered by the public.

CONSENT AGENDA

President Black advised that any Commissioner, staff member, or anyone in attendance could request any item on the Consent Agenda be removed for further discussion and asked if there was such request. There was no response.

Vice President **YOUNG** moved to approve the following Consent Agenda items:

a. Moving Wendy Hayden from probationary to regular full-time employment status in the position of Administrative Assistant/Event Planner.
b. Tax Collector's June 2017 monthly report.
c. Department Reports for the month of May for Community Development, Township Engineer, Public Works, Fleet Maintenance, and Public Safety.

Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

PRESIDENT BLACK

Approval of Check Registers

Vice President **YOUNG** made a motion to approve the Check Register of June 23, 2017 in the amount of $1,654,078.12. Commissioner **HOLTZMAN** seconded the motion. Motion carried 5-0.

Vice President **YOUNG** made a motion to approve Manual Check Register of June 2017 in the amount of $29.23 and Voided Check Register of June 2017, in the amount of $1,295.00. Commissioner **SCHIN** seconded the motion. Motion carried 4-0-1. President Black abstained as a family member was on the register.

Vice President **YOUNG** made a motion to approve Check Register of July 7, 2017 in the amount of $592,568.49. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Resolution 2017–R–17 - Funding Demolition of Blighted Properties

Commissioner **SCHIN** made a motion to Adopt **Resolution 2017–R–17** in support of the Cumberland County Commissioners establishing a deed transfer fee to fund demolition of blighted properties. Commissioner **HOLTZMAN** seconded the motion. Motion carried 5-0.

Resolution 2017-R-18 - Eagle Scout - Samuel Joseph Spalla

Commissioner **SIMPSON** made a motion to adopt **Resolution 2017-R-18**, a resolution of the Board of Commissioners of Lower Allen Township, Cumberland County, Pennsylvania, recognizing, commending and honoring Samuel Joseph Spalla for the attainment of the rank of Eagle Scout. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

Resolution 2017-R-19 - Eagle Scout- Spencer Ray Mulhearn

Vice President **YOUNG** made a motion to adopt **Resolution 2017-R-19**, a resolution of the Board of Commissioners of Lower Allen Township, Cumberland County, Pennsylvania, recognizing, commending and honoring Spencer Ray Mulhearn for the attainment of the rank of Eagle Scout. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

ANY BUSINESS PERTINENT TO THE TOWNSHIP

There was no response.

PUBLIC SAFETY

West Shore Fire Departments Cooperation Discussions

Director Holl stated that fire chiefs from many of the West Shore fire departments have been meeting Saturday mornings to discuss staffing issues. He stated that 10 years ago, there were around 300,000 volunteer firefighters in the Commonwealth and today there are about 50,000. He stated that the meetings are well attended and there has been positive input. He stated that as the meetings continue, any

recommendations will be passed onto the Board. He spoke about some of the challenges with fire departments. He spoke about the Fire Captain coming onboard to help with the Township's departments on recruiting. The Board asked how many people respond to a fire call. Mr. Dave Murdoch, Lower Allen Fire Company Deputy Chief, stated that normally 7-8 people, which include hired PSOs. He spoke about issues with employers not allowing employees to leave to fight a fire. Commissioner Simpson suggested offering an incentive to companies who allow their employees time off to fight fires.

COMMUNITY DEVELOPMENT

Ordinance 2017-03 - Indoor Agricultural Growing Operations

John Eby discussed proposed Ordinance 2017-03 and the steps it has gone through to get County and Township planning commissions review. Commissioner **SCHIN** made a motion to authorize the Solicitor to prepare an adjudication for **Ordinance 2017-03**, an ordinance amending the Code of the Township of Lower Allen, Chapter 220, Zoning, by adding specified indoor agricultural growing operations to the lists of permitted uses in the C-2, C-3, I-1 and I-3 zoning districts in the affirmative. Vice President **YOUNG** seconded the motion. Motion carried 5-0.

SLD Docket No. 2017-01 - PA American Water Co. Capital Campus

Mr. Flint stated that this plan was before the Board a few weeks ago. He spoke about the revised plan and the normal contingencies of the plan. He stated that because of stormwater and being downstream from Bethany Village, an agreement was needed. He received a copy of the agreement today. Mr. Joel Mitchell, PA American Water, spoke about working on the contingencies. He stated that they have the bid process started and are interviewing contractors, but can't award the bid without a conditional approval from this Board. Mr. Tim Diehl, Engineer, stated that they have applied for the permit with PennDOT and they have received an email stating that there are no further comments and he expects the permit soon. Mr. Flint stated that once they have the conditions met, they can record the plan.

Commissioner **SCHIN** made a motion to approve a waiver of the requirement contained in Section 192-24.C to submit a Preliminary Plan for SLD Docket No. 2017-01, Final Land Development Plan for PA American Water Co. Capital Campus. Vice President **YOUNG** seconded the motion. Motion carried 5-0.

Commissioner **SIMPSON** made a motion to approve SLD Docket No. 2017-01, Final Land Development Plan for PA American Water Co. Capital Campus, 852 Wesley Drive, contingent upon the following:

1. Executing a Developers Agreement and providing Improvement Security.
2. Obtaining a Highway Occupancy Permit from PennDOT.
3. Lower Allen Township Authority approval.
4. Executing a Standard Stormwater Facilities and BMP Maintenance and Monitoring Agreement.
5. Providing documentation of approval from downstream property owner for stormwater discharge.

Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

Improvement Security - SLD Docket No. 2013-06 - Hollinger Office Building

Commissioner **SCHIN** made a motion to approve a reduction in Improvement Security for SLD Docket No. 2013-06, Hollinger Office Building, 4600 Lena Drive, establishing a new amount of $3,410.00 and a new expiration date of July 10, 2018. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Improvement Security -SLD Docket No. 2000-11 - Heights of Beacon Hills, Phase 2 & 3

Mr. Flint spoke about the request for a reduction in improvement security for Phase 2 of the Heights of Beacon Hills. Mr. Ryan Caboot, 1605 Cobble Court, thanked everyone involved with the public meeting with the residents of the Heights of Beacon Hills. He spoke about how they are working on identifying issues in the common space areas. He asked what the outstanding security was and requested that no action be taken on this matter until they the residents have a chance to work together on the outstanding issues. Mr. Flint stated that the outstanding security is $7,175.03. The security was for sidewalks for four lots and three of the four lots have had sidewalks installed. Solicitor Miner stated that the security was set aside for certain work and if the work is completed the security must be released.

Mr. Caboot asked about security for Phase 1, as there are curbing and sidewalks not installed. Mr. Flint stated that all the required items were completed and there is no security being held for Phase 1. Mr. Caboot wants to make sure everything is done in Phase 2 and Phase 3. He spoke about Phase 3 and the concerns with the stormwater system. He stated that the five detention ponds were never installed and they don't have the official notice from the Conservation District that what they have is acceptable.

Mr. Flint stated that there is $16,256.55 for Phase 3, which half was for sidewalks and half was for the basin. He spoke about the temporary stormwater measures which were reviewed by the Conservation District. They stated that the necessary items have been done for it to be released, however the permit is with DEP. The permit is between the prior developer/owner and the DEP, and there is nothing the Township can do to get them to release it as they aren't the permitee. He spoke about working with the District and DEP to close it out. The Board discussed being comfortable with releasing Phase 2 but not Phase 3. Solicitor Miner stated that there isn't any justification to hold the security. Discussion ensued.

Commissioner **SCHIN** made a motion to approve a reduction in Improvement Security for SLD Docket No. 2000-11, Heights of Beacon Hill, Phase 2, establishing a new amount of $2,646.79 and a new expiration date of July 10, 2018. Commissioner **SIMPSON** seconded the motion. Commissioner Schin asked the Solicitor, for the record, if he sees any reason for the Board to not vote in the affirmative on this action and Solicitor Miner stated that he made this perfectly clear. Motion carried 5-0.

Commissioner **SCHIN** made a motion to approve a reduction in Improvement Security for SLD Docket No. 2005-22, Heights of Beacon Hill, Phase 3, establishing a new amount of $8,010151.58 and a new expiration date of July 10, 2018 based on the recommendation of the Solicitor. Vice President **YOUNG** seconded the motion. Motion carried 4-1, with Commissioner Simpson opposing.

Other Items

Mr. Flint spoke about the home on Lisburn Road where the Township helped the resident apply to FEMA for repetitive losses for flood damage. The application was approved today and he received six emails with 92 attachments. He wanted the Board to know in case there is any action is necessary at the next meeting.

MANAGER

Act 172 - tax credits for volunteer firefighters

Mr. Vernau discussed Act 172 and how he had been waiting for guidance and sample ordinances to come out. He stated that there are two types of tax credits, earned income and property tax. Mr. Grove prepared a memo based on the Township's length of service award program criteria of who would be eligible and the potential impact. He stated that there are currently 19 people eligible for an earned income tax credit based on length of service eligibility and Township residency, and 12 people eligible for the real estate tax credit. He asked the Board for their input. Commissioner Schin thinks this will be helpful with the issue

of recruiting firefighters. President Black asked if the Commonwealth will reimburse us for the credits and Mr. Vernau said no. Mrs. Mary Ellen Banks, member of Lisburn Community Fire Company thanked the Board for considering it. She reminded the Board that Lisburn has a lot of administrative hours for running the Fire Company and fundraising. She stated that these volunteers aren't included in the length of service which was done in 1996. Discussion ensued.

Mr. Vernau asked the Board about forming a committee to determine the how to proceed. The committee would consist of himself, Director Holl, Mr. Grove, and the Fire Chiefs for both companies. The consensus of the Board was to proceed with the committee. President Black and Commissioner Schin both agreed it would be short sighted to not include administrative volunteers in this, as they administer a lot of the duties which allows the firefighters to do their job.

Electronics Recycling Event on October 7th

Mr. Vernau stated that Cumberland County just opened their electronic recycling center with a cost per pound for residents. The Township is scheduled for an electronic recycling event on October 7th and he asked the Board if they would like to charge for certain items. Discussion ensued. The Board agreed not charge any fees for this event, but this would be the last electronics recycling event held by the Township.

2017 Health Insurance Claims to Date.

Mr. Vernau wanted to update the Board on the health insurance claims received so far, this year. He met with Benecon and the claim level is 1.5 times what it was last year. The main contribution to this increase is prescription drugs. One drug has cost $115,000 so far, this year. Based on the current level, there is an expectation of a premium increase of 19-20% but an exact number won't be known until October. He spoke about the large trust the Township is in and how it spreads the risk and costs across many lives. President Black believes we need to shop around if the premiums will be up that much. Mr. Vernau spoke about other options including Caremark and higher deductibles. Discussion ensued. Mr. Vernau will be looking at other options for 2018.

Dairy Farmers of America Tour

Mr. Vernau asked the Board if they were interested in a tour of the Dairy Farmers of America plant. President Black spoke about touring the plant and thought it would be interesting for the rest of the Board to see the facility. Mr. Vernau will send an email with potential dates.

COMMISSIONERS REPORTS

Mr. Flint spoke about the sidewalks being completed on Hartzdale Drive. He spoke about the Beacon Hill trail extension progress and stated that it should be done in August. Mr. Eby spoke about the annual cleanup on the Yellow Breeches Creek scheduled for July 23 at 11am. Information is on the website. He spoke about working with Messiah College and Public Safety on issues on the creek. He and Mr. Vernau spoke about how some groups use social media to reach out and 200 kayakers will show up and use Messiah College to launch. There are two upcoming weekends where Messiah College has events on their campus and will close the parking lots to the public. Mr. Vernau has heard they will try and put in at LACP and he is reaching out to tell them that they need a permit for that many people.

Mr. Vernau spoke about the new camera and intercom system installed out front. Director Holl spoke about the software and cameras which will be able to capture license plates of vehicles coming in and out of the parking lot.

Commissioner Schin asked if he could get copies of the Development Authority's meeting notes. Mr. Vernau will take care of this.

Commissioner Holtzman asked for a sheet that outlines the ordinance that prohibits putting grass and twigs on the street. She has neighbors doing this and wants to put notices on their doors. Mr. Vernau stated that the normal protocol is for Codes to send them a letter, followed by a notice of violation, but he will send her something.

Solicitor Miner spoke about the residents of Beacon Hills and the meeting that took place last month. He stated that the residents were respectful and he appreciates the lawyers working on resolving this issue.

Director Holl spoke about the promotions to Corporal and stated that it would be on the agenda for July 24th. He spoke about attending the Lisburn Fire Company's meeting and listening to concerns about swimmers and parking on their lot. He and Captain Crone walked the area today and will continue to watch the areas. He will be providing some options to Lisburn's directors on how to deal with the parking issues. On July 24th at 6:00pm, he will be showing the Commissioners the use of force simulator. Mrs. Banks thanked Director Holl for his input.

President Black stated that there are some important things on the agenda for next meeting and he is sorry he will miss the meeting as he will be on vacation.

ADJOURNMENT TO EXECUTIVE SESSION

The Regular Meeting of the Board of Commissioners adjourned at 9:11 p.m. for the following personnel and legal discussions:

Executive Session: Personnel.

a. Fire Captain hiring update

APPENDIX 1

Public Notice

Written Comments

Comment Response

Public Notice

Availability of Chesapeake Bay Pollution Reduction Plan (CBPRP)
For Lower Allen Township

Lower Allen Township's CBPRP is available for public viewing at the Township Office, 2233 Gettysburg Road, Camp Hill, Pa., from 8:00 AM to 4:00 PM weekdays. Comments will be received at the regular public meeting of the Board of Commissioners on Monday, July 10, 2017, at 7:00 PM at the Township Office. Written comments will be received until July 31, 2017. The plan may also be viewed on the Township website: www.latwp.org .

Thomas G. Vernau, Jr.
Township Manager

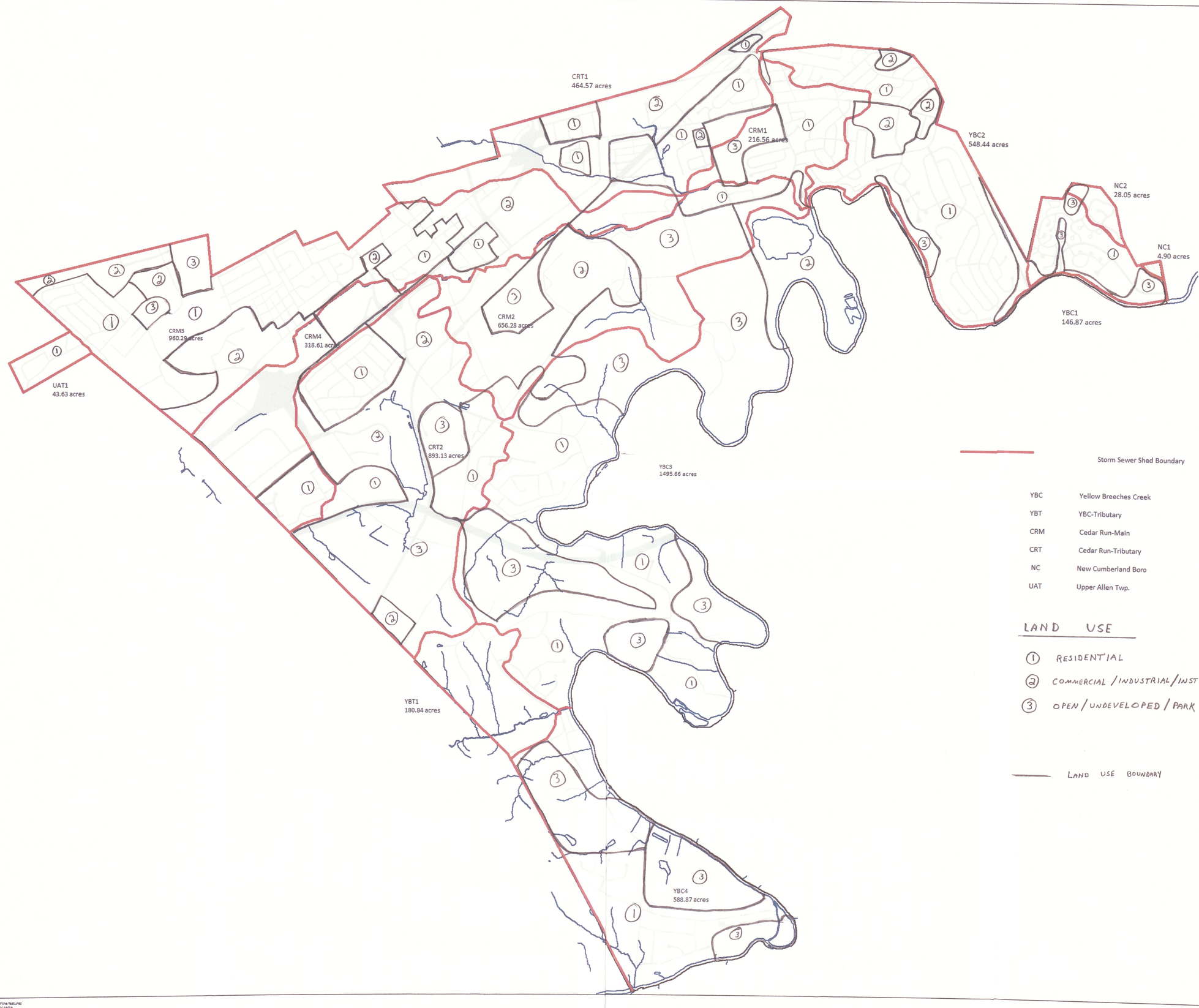
APPENDIX 2

Maps

- Storm Sewer Shed
- Existing Land Use

LOWER ALLEN TOWNSHIP
STORM SEWER SHED BOUNDARIES AND AREAS

Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575



Storm Sewer Shed Boundary

YBC	Yellow Breeches Creek
YBT	YBC-Tributary
CRM	Cedar Run-Main
CRT	Cedar Run-Tributary
NC	New Cumberland Boro
UAT	Upper Allen Twp.

LAND USE

1. RESIDENTIAL
2. COMMERCIAL / INDUSTRIAL / INSTITUTIONAL
3. OPEN / UNDEVELOPED / PARK

LAND USE BOUNDARY

Legend
Boundary
Streams
Rights of Way

0 650.00 1,300.00
feet

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

LOWER ALLEN TOWNSHIP
STORM SEWER SHED BOUNDARIES AND AREAS

Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

CRT1
464.57 acres

CRM1
216.56 acres

YBC2
548.44 acres

NC2
28.05 acres

NC1
4.90 acres

YBC1
146.87 acres

CRM2
656.28 acres

CRM3
960.29 acres

CRM4
318.61 acres

UAT1
43.63 acres

CRT2
893.13 acres

YBC3
1495.66 acres

YBT1
180.84 acres

YBC4
588.87 acres

Storm Sewer Shed Boundary

YBC	Yellow Breeches Creek
YBT	YBC-Tributary
CRM	Cedar Run-Main
CRT	Cedar Run-Tributary
NC	New Cumberland Boro
UAT	Upper Allen Twp.

Legend
- Boundary
- Streams
- Rights of Way

0 650.00 1,300.00
feet

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Watershed Boundaries and Permitted Properties

Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575



N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Street Segments

0 750.00 1,500.00
feet

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

APPENDIX 3

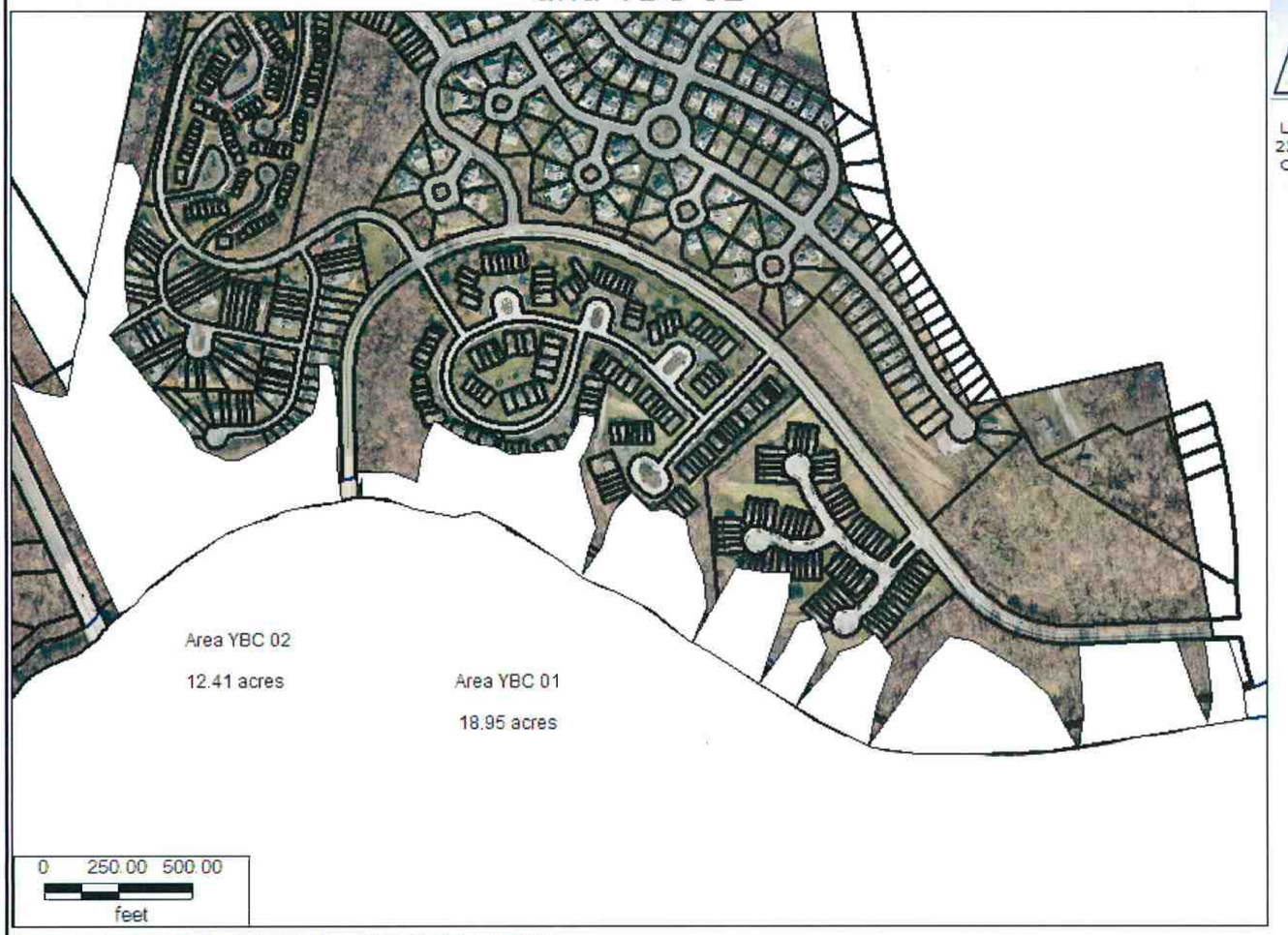
Parsing

- Areas of Direct Discharge
- Highways
- Other Permits
- Installed and Maintained BMPs
- Street Sweeping

PARSED AREAS - DIRECT DISCHARGE TO STREAMS
AREAS NOT DRAINING TO THE MS4

	A	B	C	D	E
1	**YELLOW BREECHES CREEK**	**ACRES**	**CEDAR RUN**	**ACRES**	**ACRES**
2	1	18.95	1	4.64	
3	2	12.41	2	6.01	
4	3	36.2	3	9.88	
5	4	40.22	4	28.44	
6	5	161.91	5	16.01	
7	6	97.03	6	11.46	
8	7	11.59	7	39.76	
9	8	21.17	8	2.82	
10	9	8.27	9	44.4	
11	10	88.8	10	10.99	
12	11	5.74	11	2.23	
13	12	10.11	12	15.55	
14	13	36.44	13	5	
15	14	11.39	14	5.06	
16	15	8.01	15	2.79	
17	16	24.2	16	15.1	
18	17	89.3	17	5.57	
19	18	17.83	18	7.7	
20	19	12.95	19	26	
21	20	4.94	20	15.26	
22	21	15.75	21	81.31	
23	22	48.3	22	10.12	
24	23	1.48	23	57.98	
25	24	6.1	24	91.61	
26	25	6.35	25	97.96	
27	26	2.47	26	18.55	
28	27	14.32	27	7.34	
29			28	100.6	
30			29	15.66	
31					
32	**TOTAL**	**812.23**		**755.8**	**1568.01**

Areas YBC 01 and YBC 02



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

Streams

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Area YBC 03



0 200.00 400.00
feet

Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

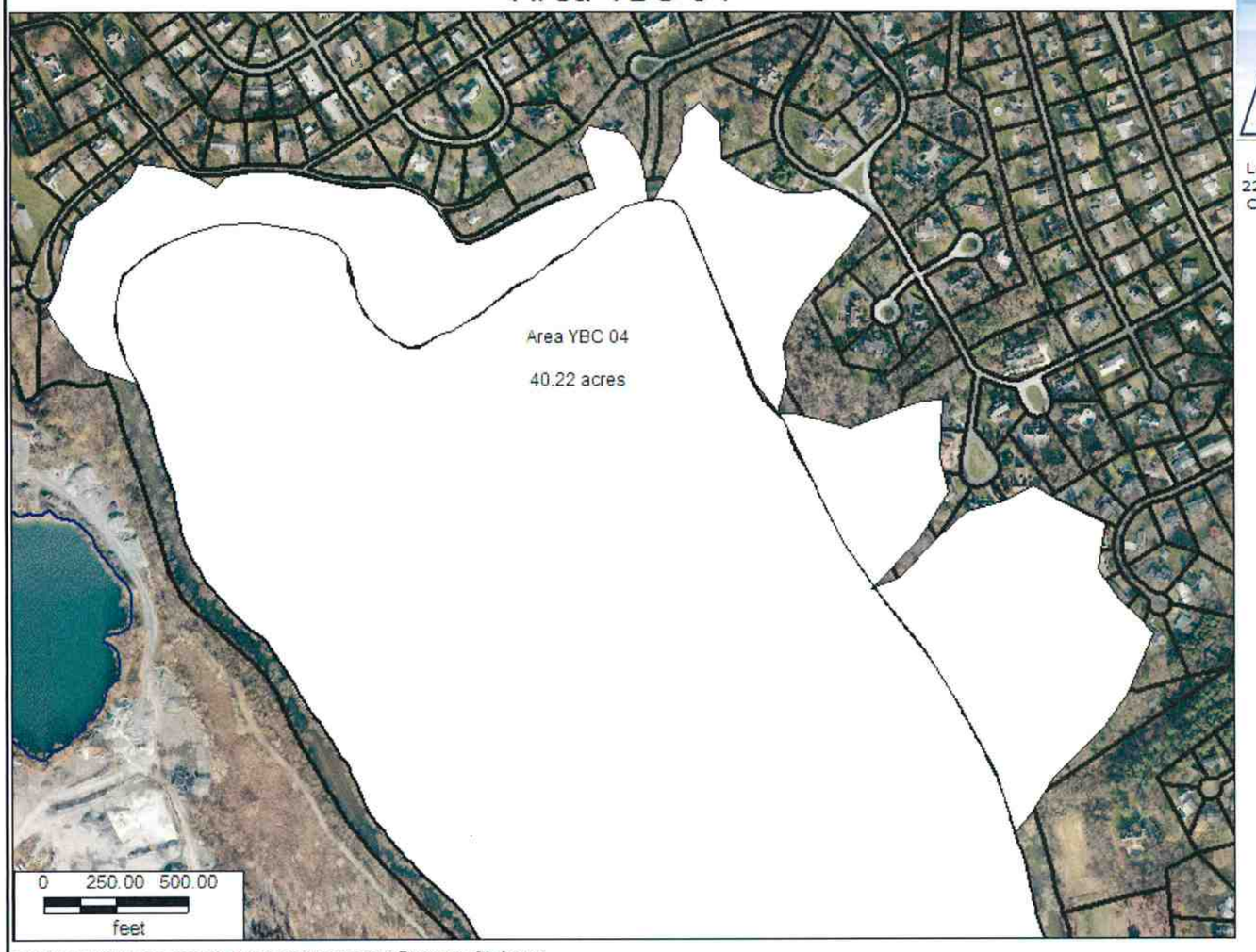
Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Area YBC 04



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

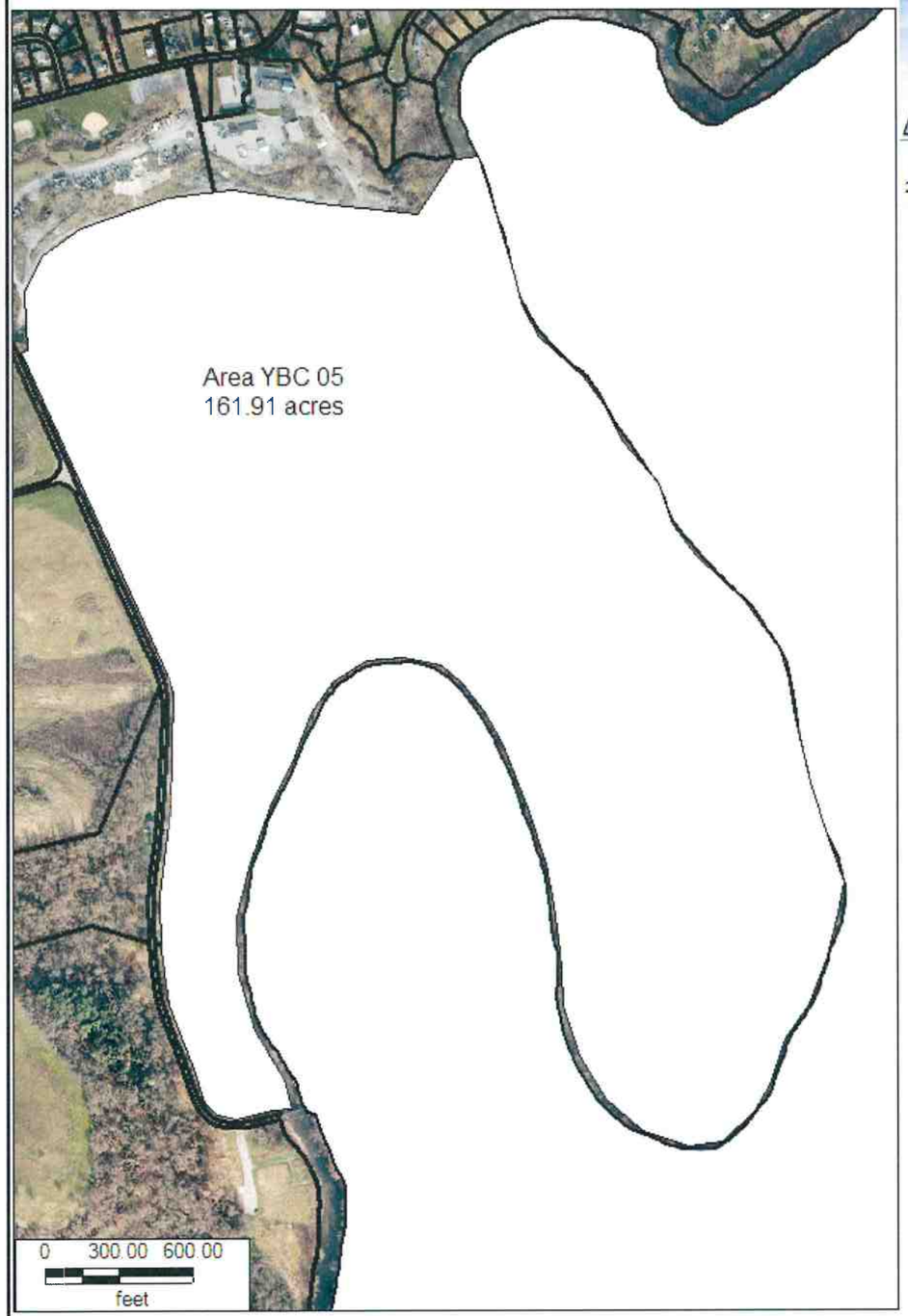
Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Area YBC 05



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

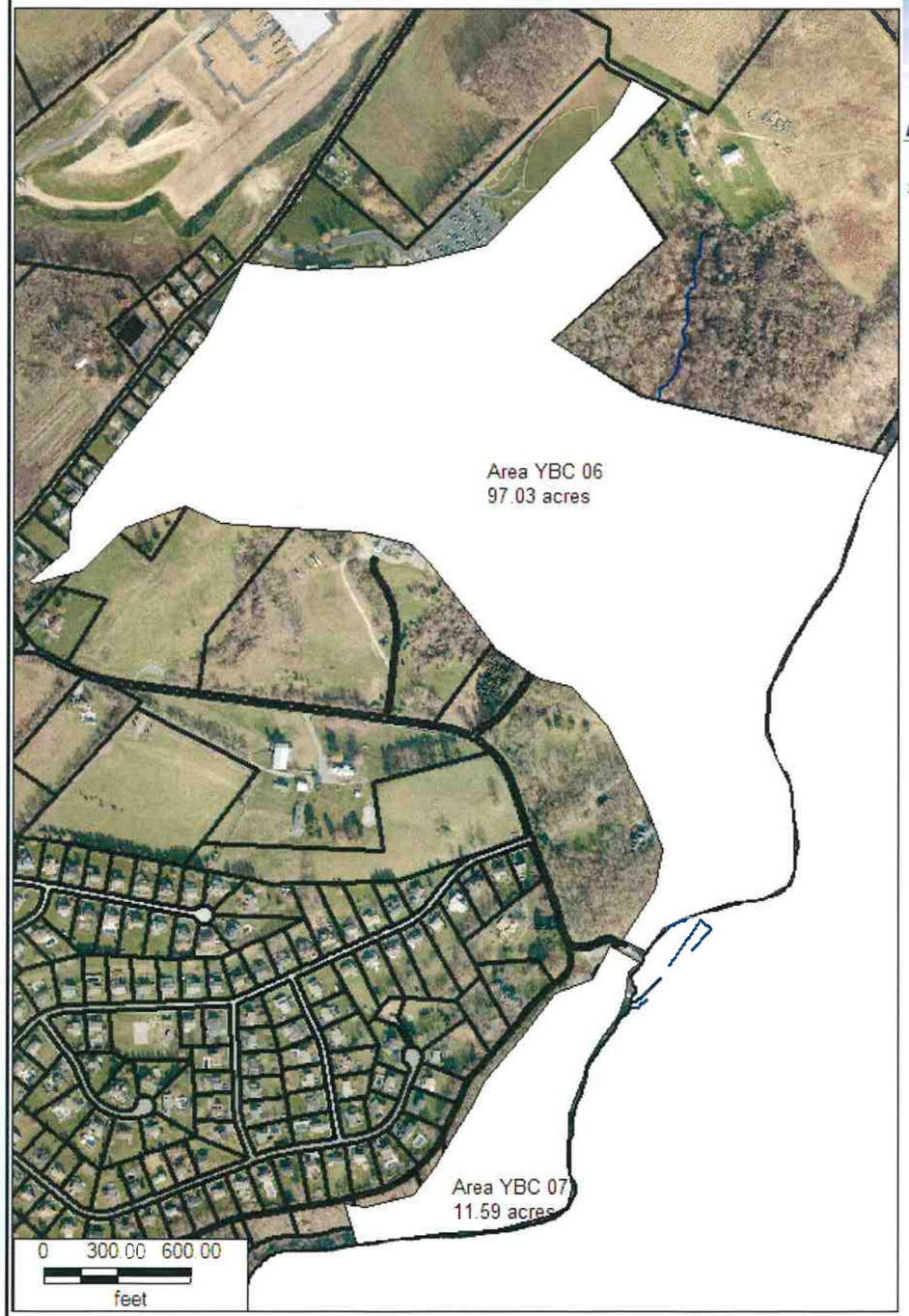
Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same.
All information used from this map should be field verified.

Areas YBC 06 07



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

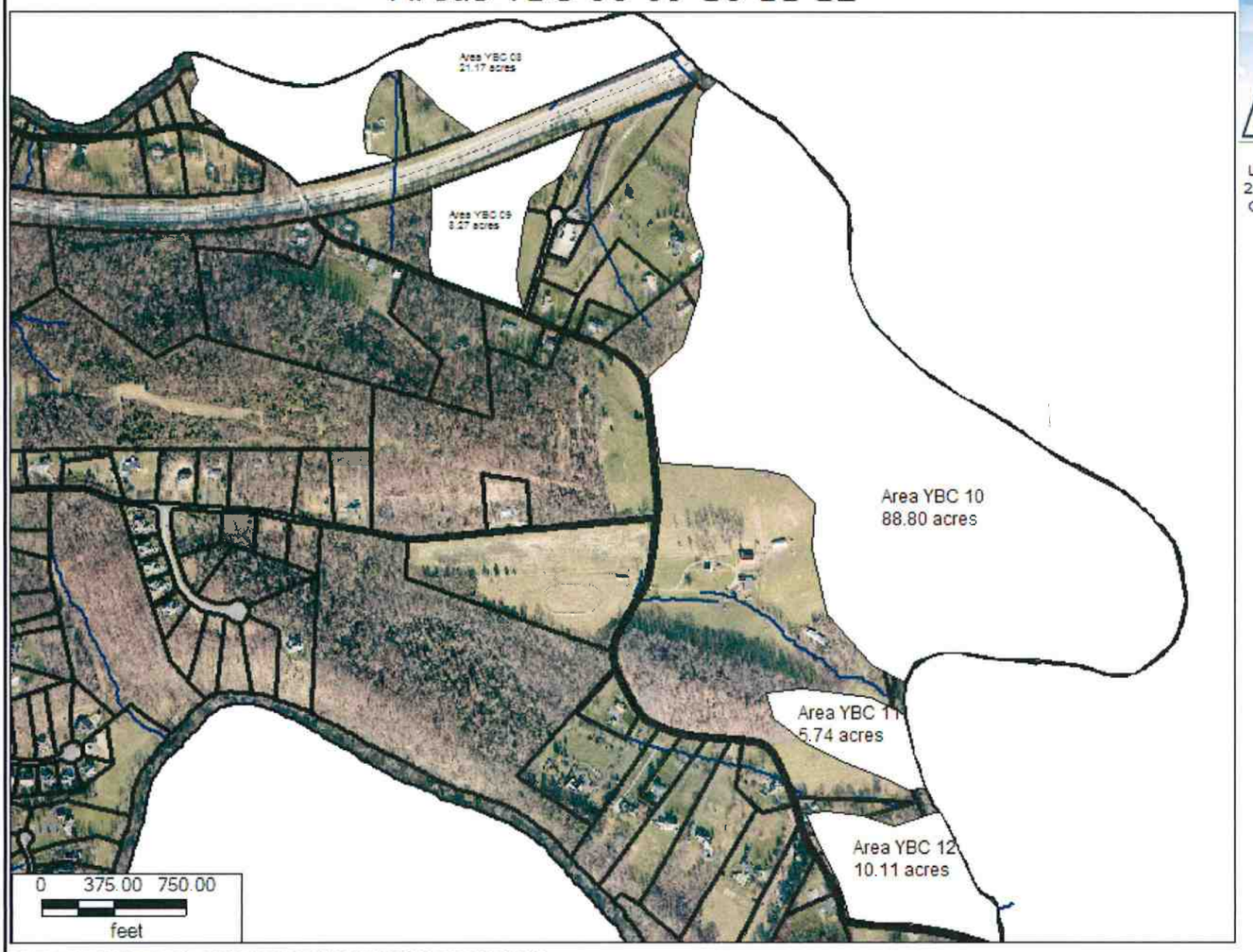
Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas YBC 08 09 10 11 12



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

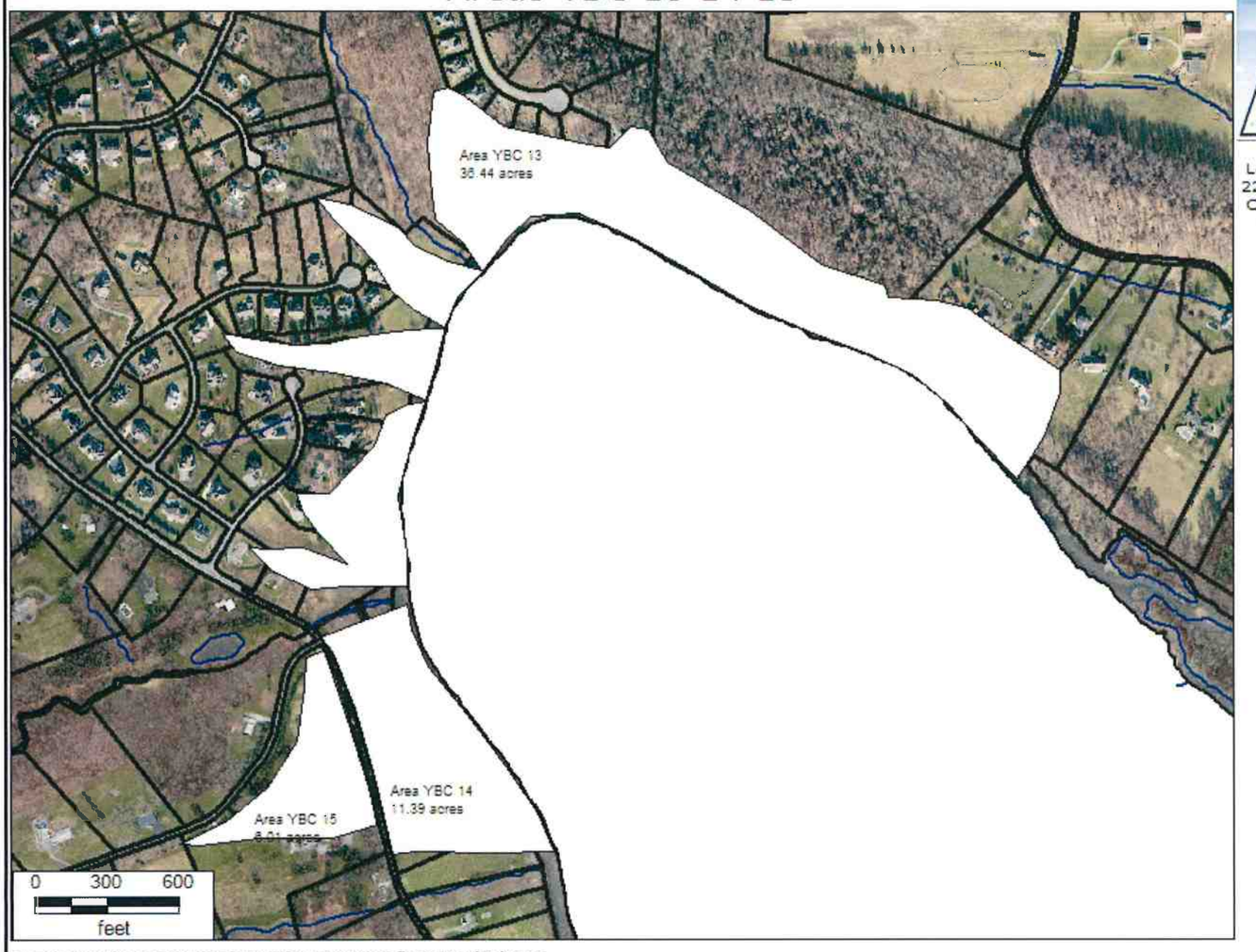
Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas YBC 13 14 15



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

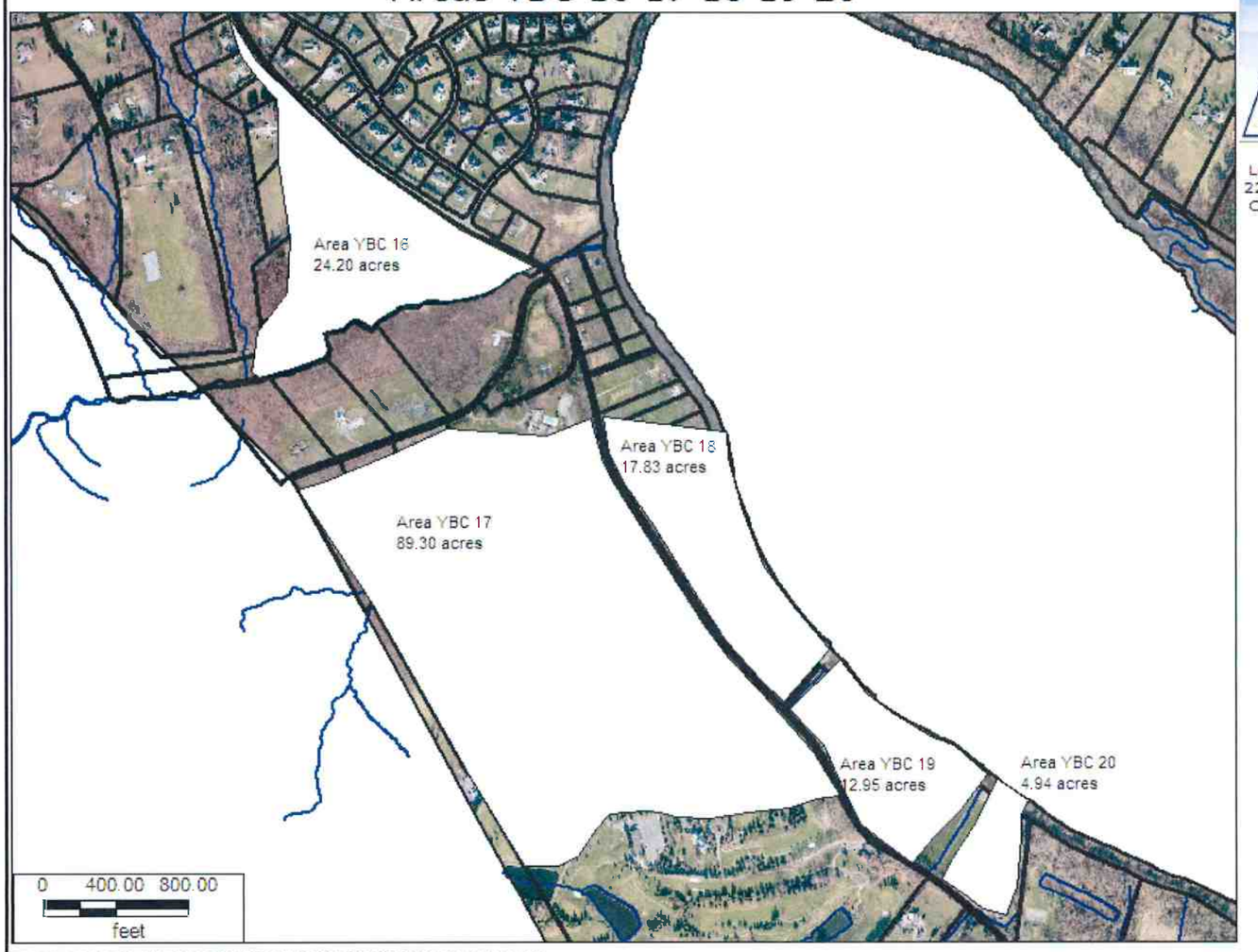
Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas YBC 16 17 18 19 20



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

Legend

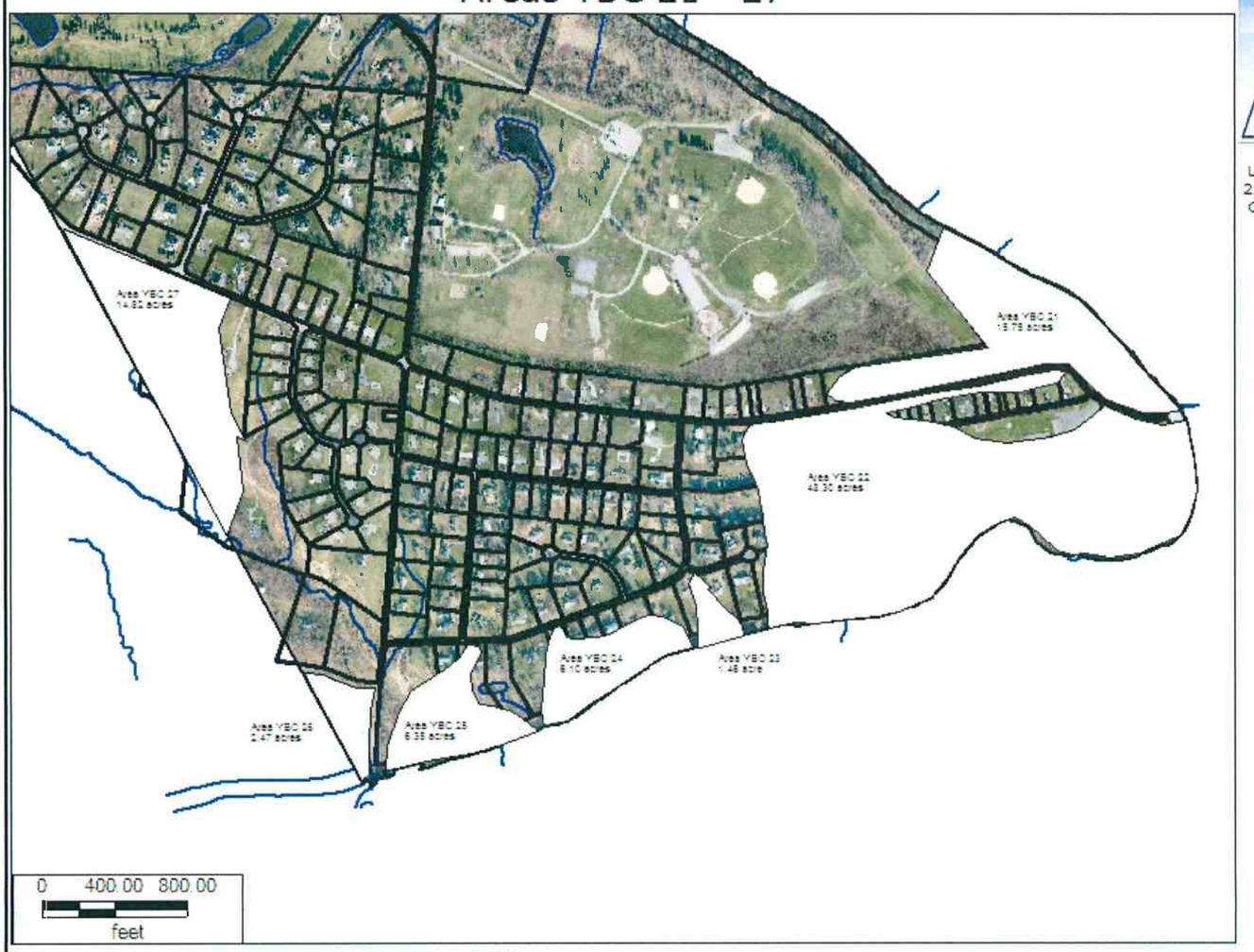
Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas YBC 21 - 27



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas CR 01, 02, 03, 04



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas CR 05 and 06



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Area CR 07



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

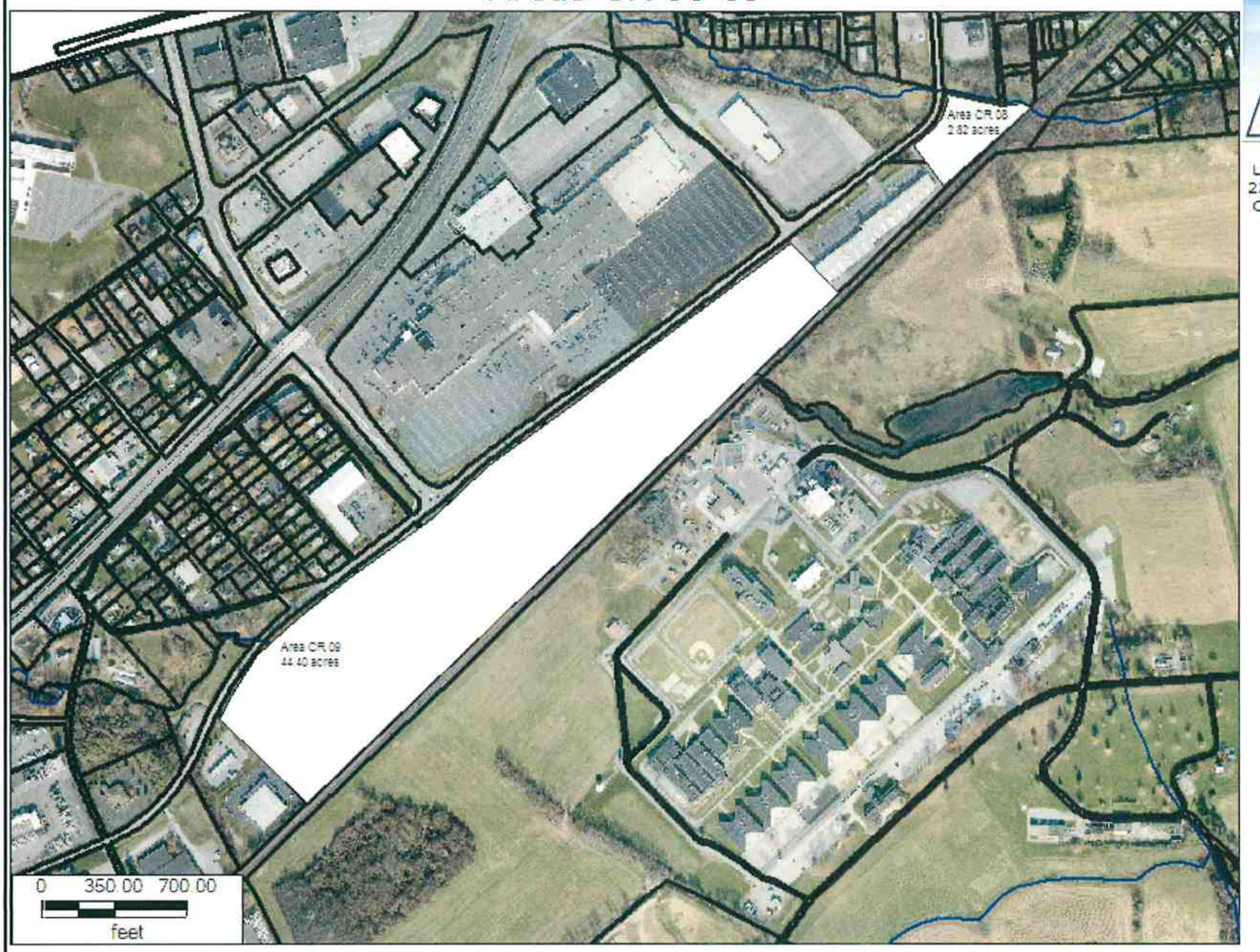
Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas CR 08 09



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

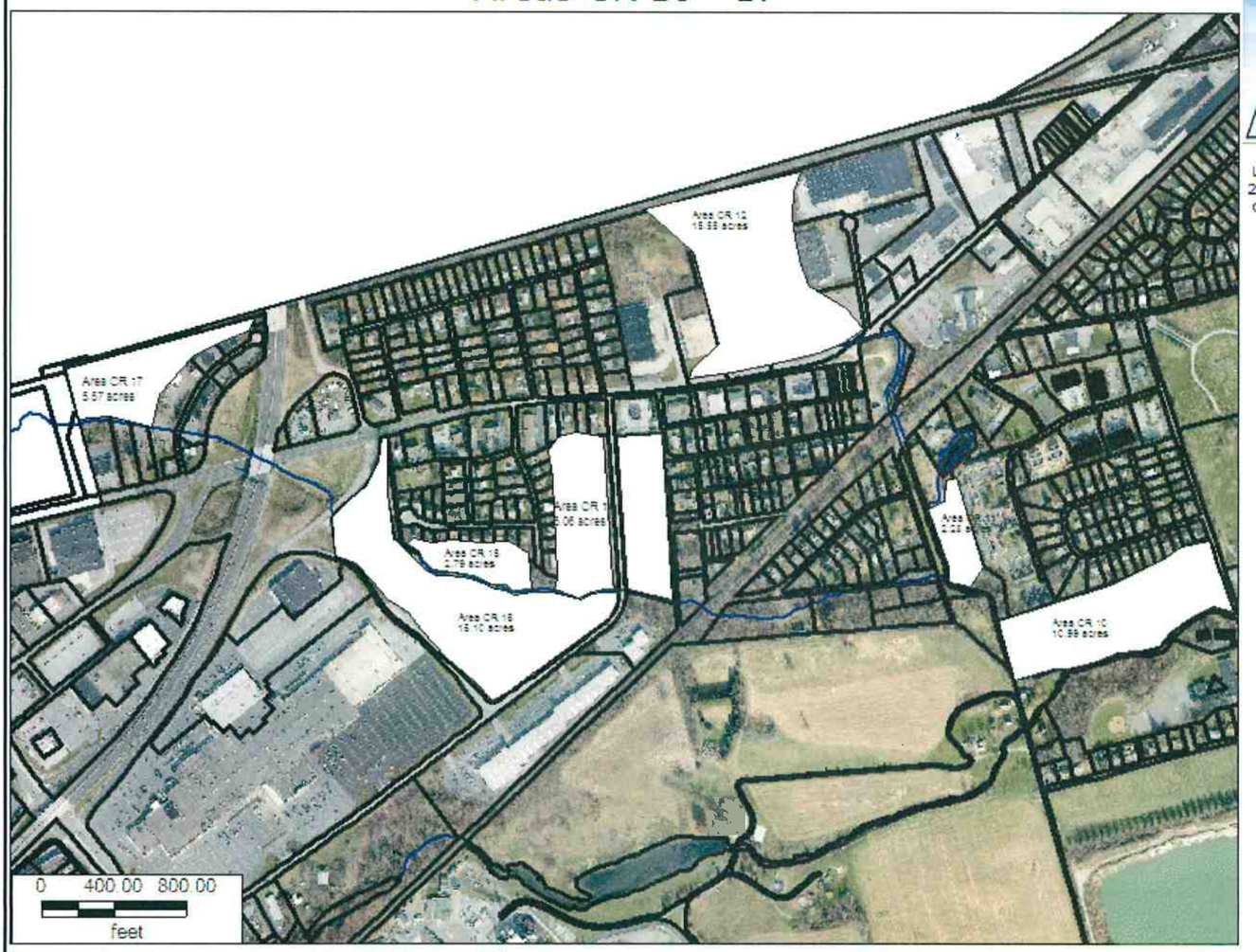
Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas CR 10 - 17



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

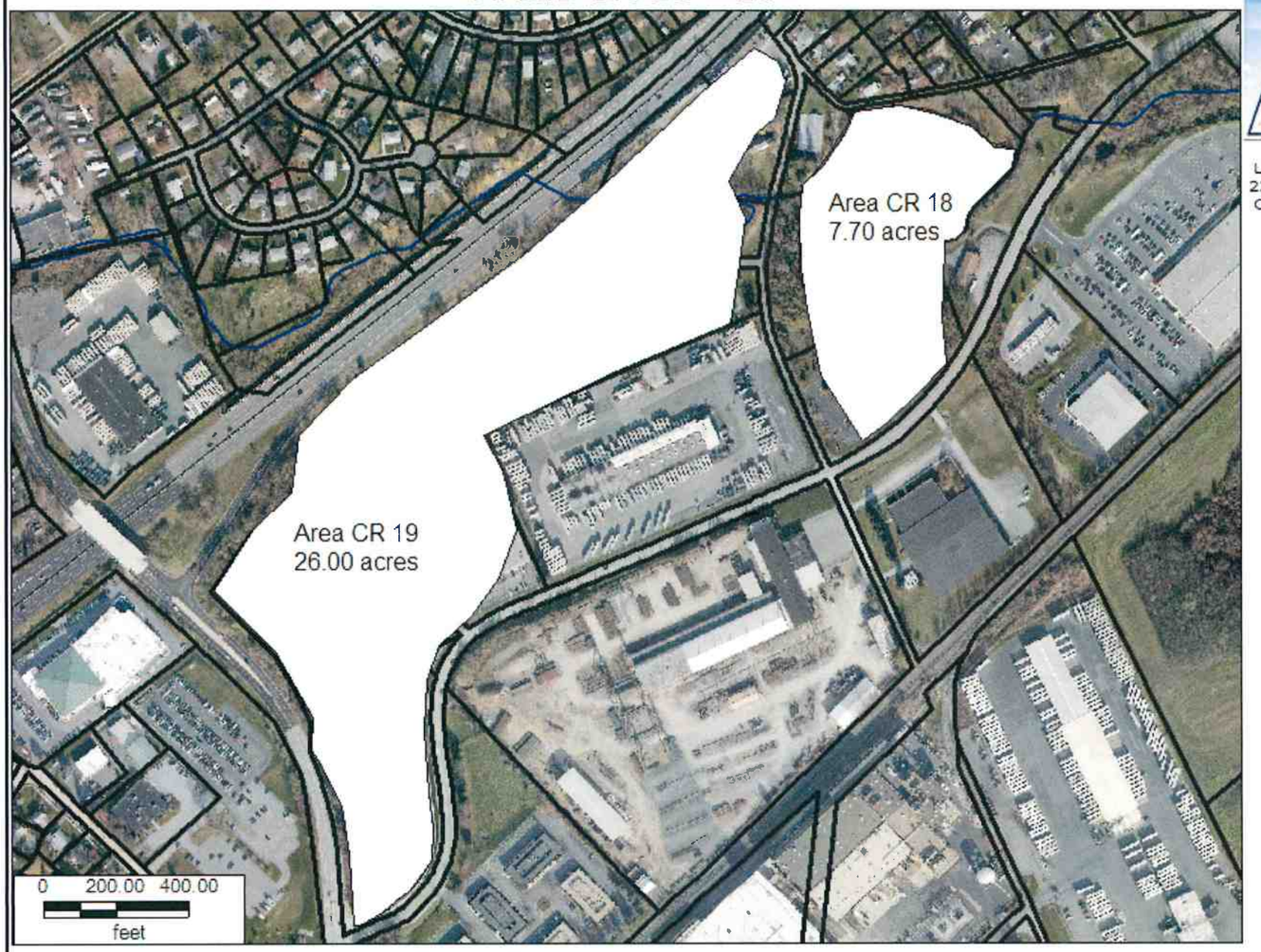
Boundary

Parcels

Streams

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas CR 18 - 19



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas CR 20 - 21



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

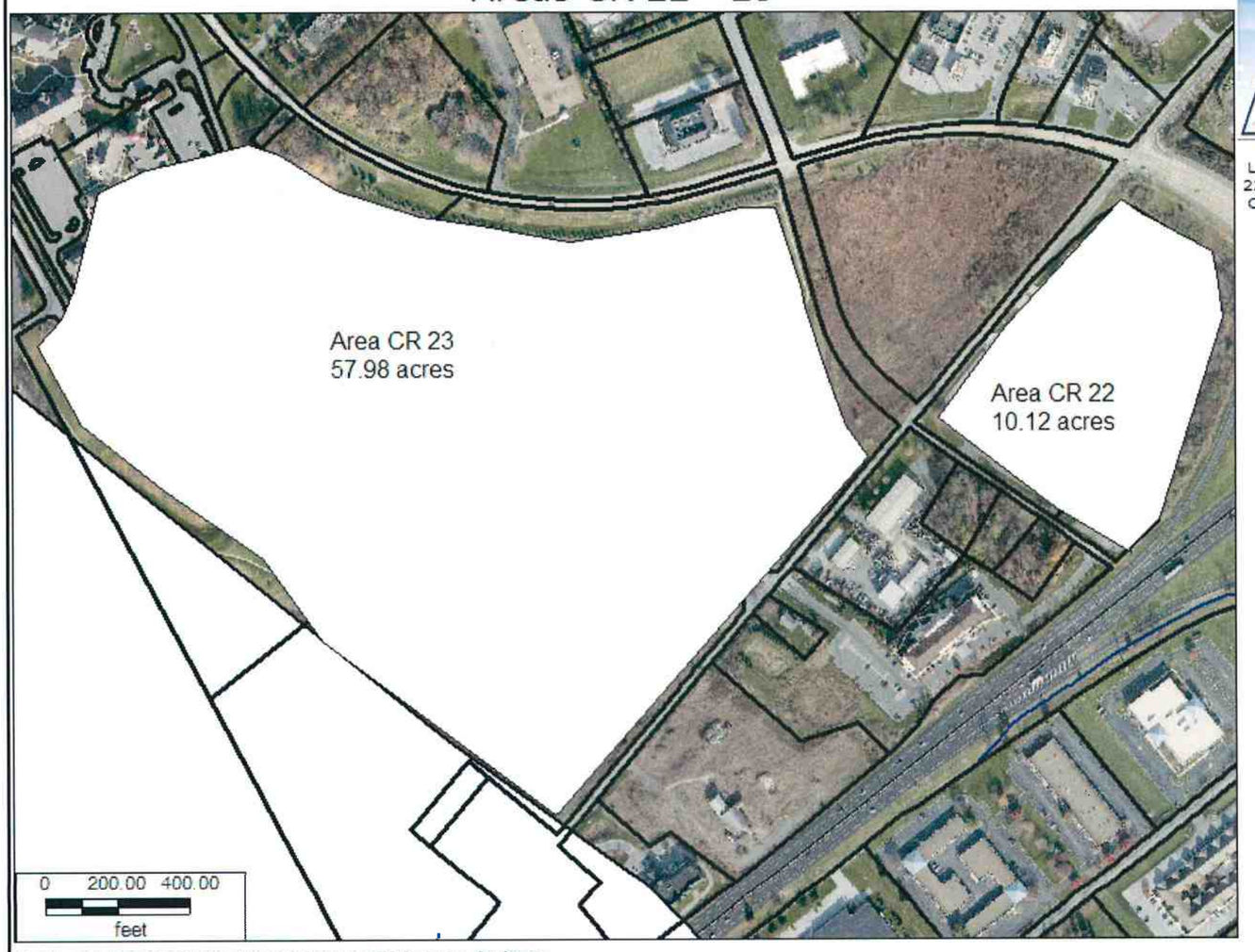
N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas CR 22 - 23



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas CR 24



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas CR 25



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

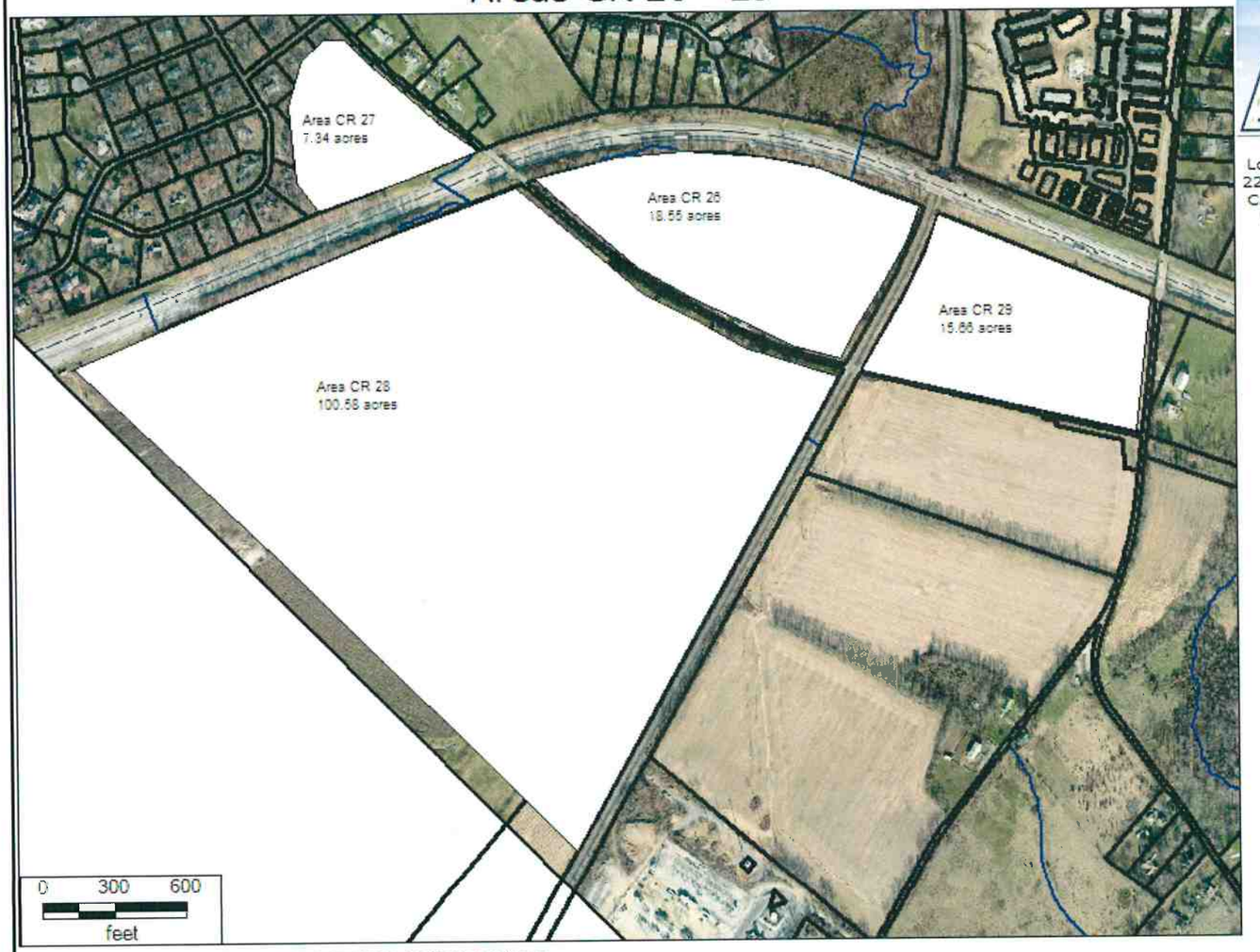
N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Areas CR 26 - 29



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

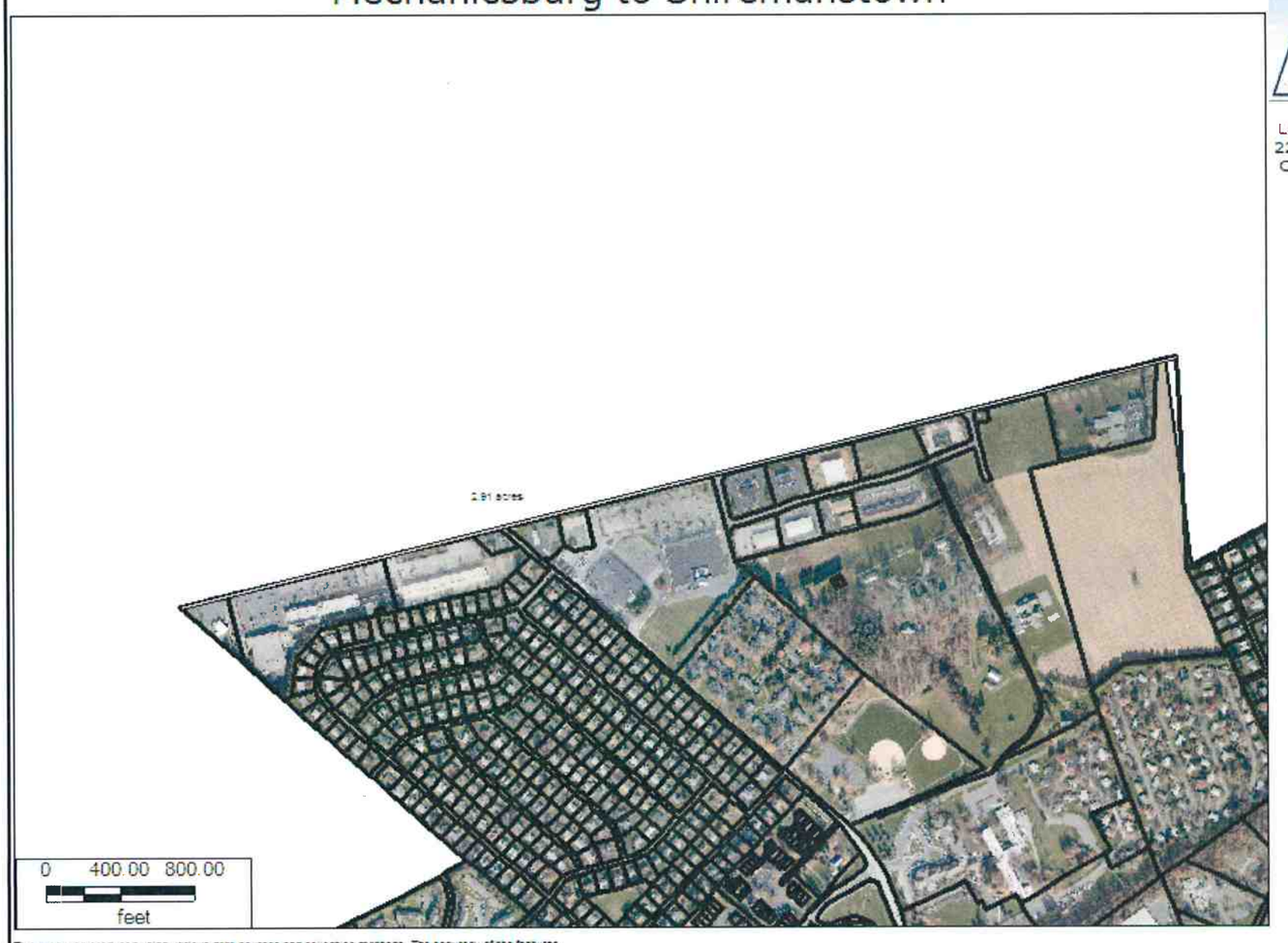
- Boundary
- Parcels
- Streams
- Lakes and Ponds

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

PARSED AREAS - HIGHWAYS

	A	B	C
1	**NAME**	**LIMITS**	**ACRES**
2	Simpson Ferry Rd	Mechanicsburg to Shiremanstown	2.91
3	Simpson Ferry Rd	St Johns Rd to Lower Allen Dr	1.6
4	Simpson Ferry Rd and Gettysburg Rd	Lower Allen Drive to US 15	10.87
5	Wesley Dr	Simpson Ferry Rd to Wilson La	2.75
6	Wesley Dr	Wilson La to US 15	4.87
7	Gettysburg Rd	Wesley Dr to Slate Hill Rd	5.05
8	Locust St	all	0.55
9	Gettysburg Rd	Slate Hill Rd to Lower Allen Dr	4.57
10	St Johns Rd	all	1.49
11	Lower Allen Dr	all	5.76
12	US 15 Interchange	Rossmoyne/Wesley	39.96
13	US 15 Interchange	Slate Hill Rd area	23.45
14	US 15 Interchange	Lower Allen Dr area	11.94
15	US 15	Gettysburg Rd area	16.32
16	Pa 581	all	4.94
17	Gettysburg Rd	US 15 to Carlisle Rd	6.26
18	Hummel Ave	17th and 18th	3.8
19	Carlisle Rd	and 18th St	5.64
20	Carlisle Rd	18th St to I-83	7.03
21	I-83 Interchange	Carlisle Rd	7.93
22	I-83	Carlisle Rd to Twp boundary	15.98
23	Hartzdale Dr	and Capital City Mall Dr	4.38
24	Creek Rd	and Lisburn Rd	8.47
25	Spangler Mill Rd	all	4.13
26	Lisburn Rd	at quarry and prison	6.25
27	Lisburn Rd	SCIC to Slate Hill Rd	8.57
28	Lisburn Rd	Slate Hill Rd to Pa Turnpike	5.4
29	Lisburn Rd	Pa Turnpike to Raven Hill Rd	12.64
30	Lisburn Rd	Raven Hill Rd to Main St	9.7
31	Lisburn Rd	and Main St	12.97
32	Arcona Rd	all	1.99
33	Rossmoyne Rd	Pa Turnpike to Lisburn Rd	2.56
34	Wesley Dr	US 15 to Pa Turnpike	3.03
35	Slate Hill Rd	Railroad to Lisburn Rd	4.51
36	Slate Hill Rd	Hartzdale Dr and Old Slate Hill Rd	5
37	Pa Turnpike	all	60.46
38			
39	**Total**		**333.73**

Simpson Ferry Road
Mechanicsburg to Shiremanstown



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

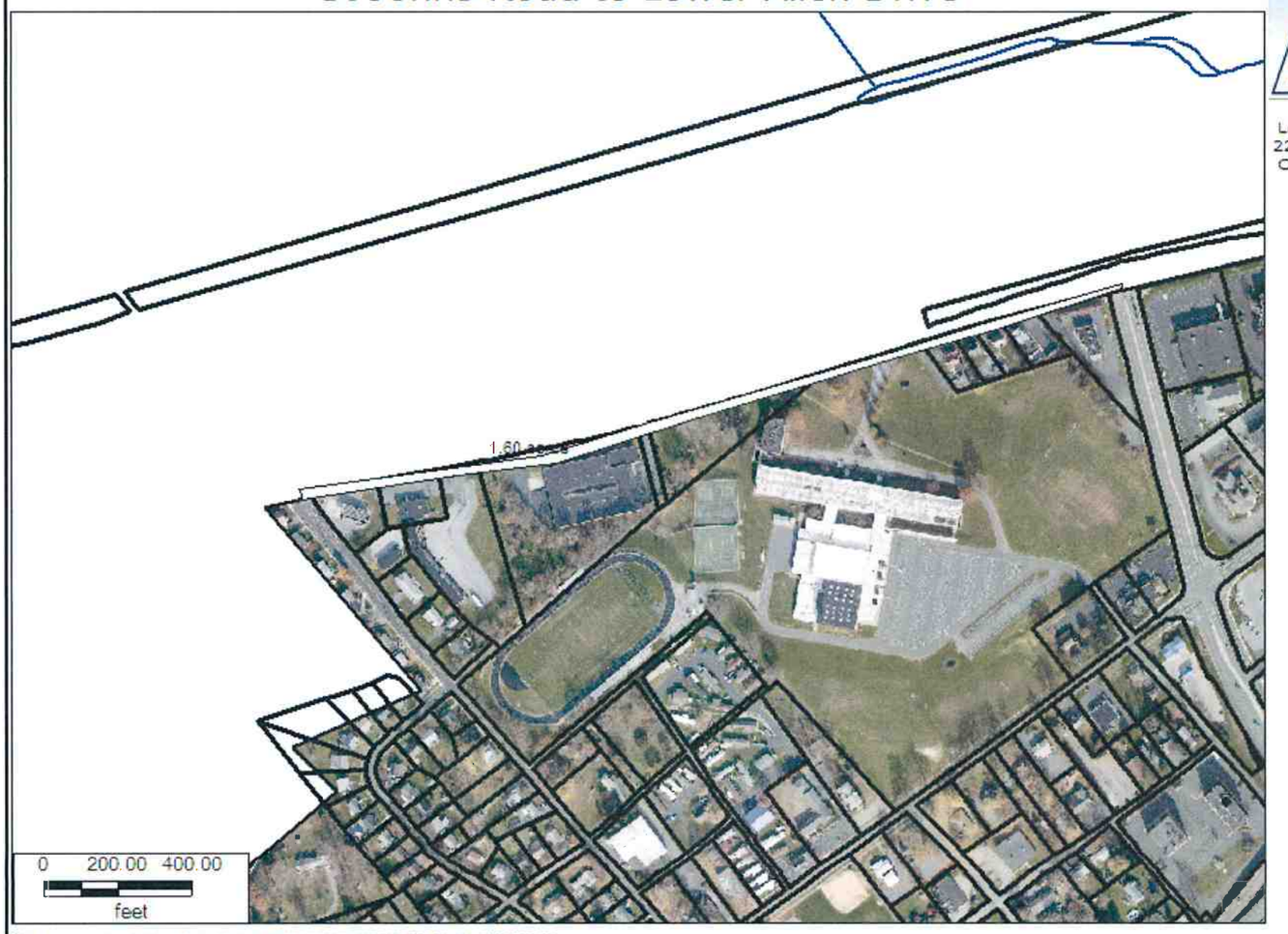
N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township assumes no responsibility for same. All information used from this map should be field verified.

Simpson Ferry Road
St Johns Road to Lower Allen Drive



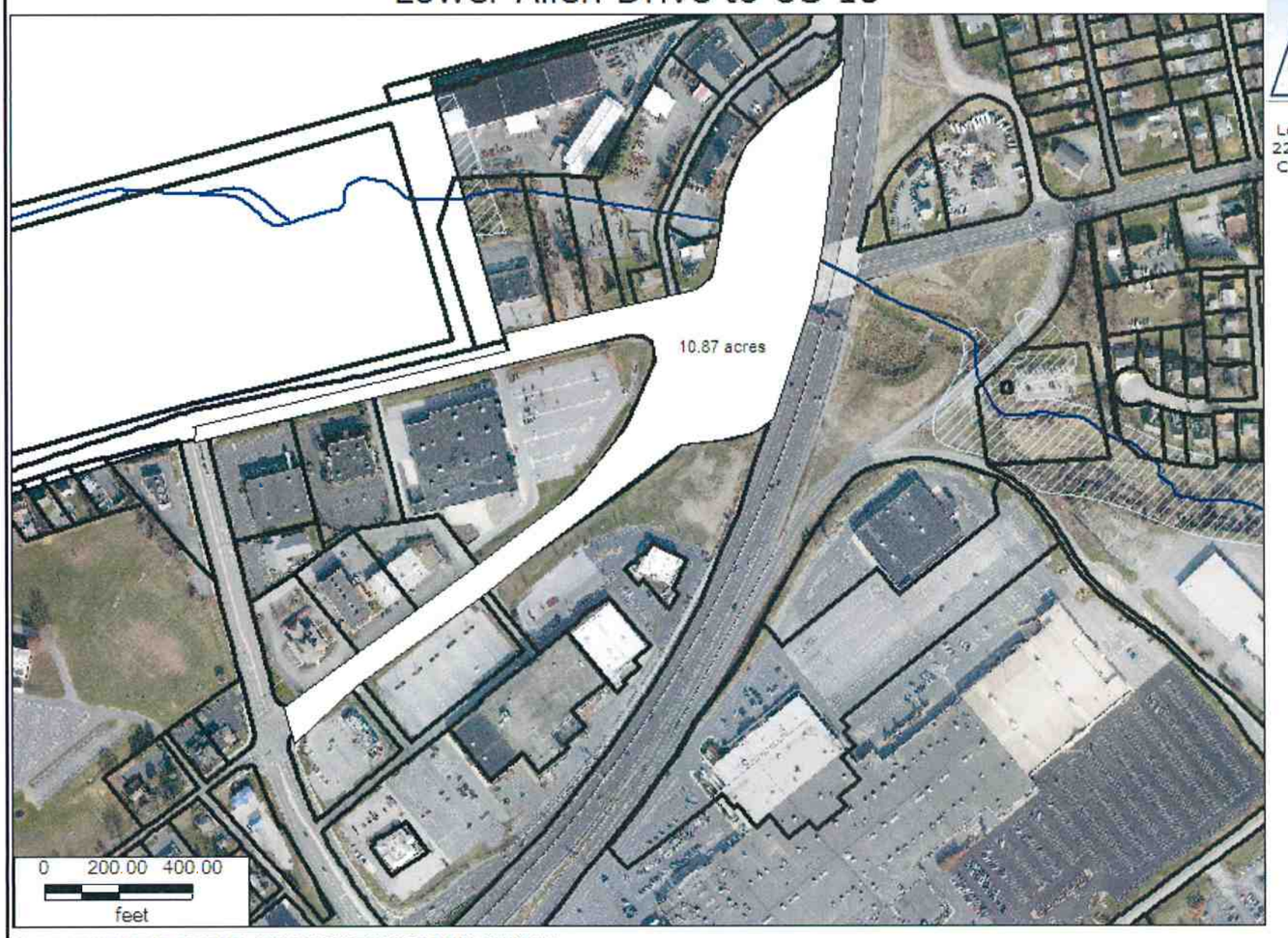
Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same.
All information used from this map should be field verified.

Simpson Ferry Rd and Gettysburg Rd
Lower Allen Drive to US 15



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Wesley Drive
Simpson Ferry Road to Wilson Lane



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

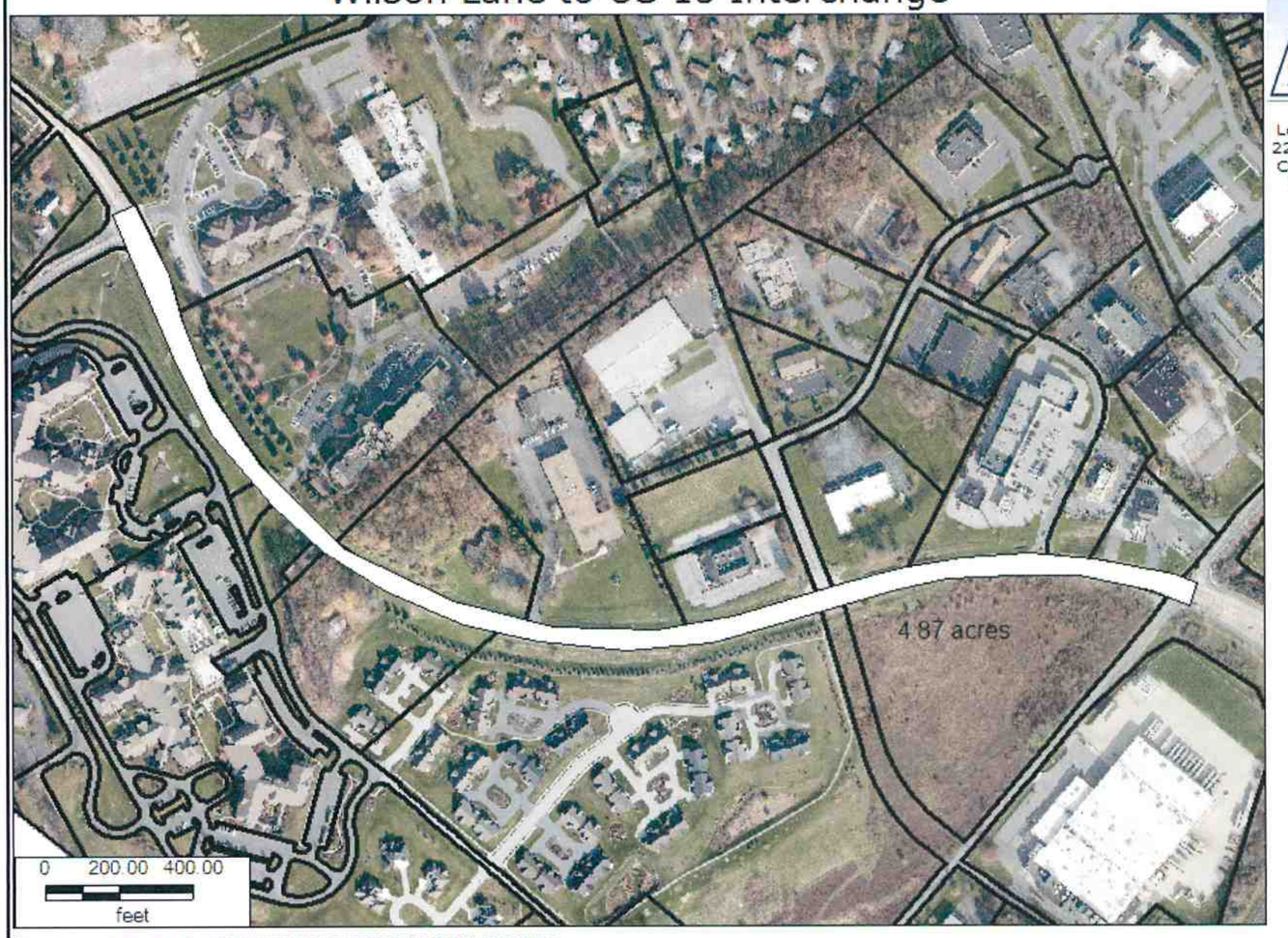
N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Wesley Drive
Wilson Lane to US 15 Interchange



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township assumes no responsibility for same. All information used from this map should be field verified.

Gettysburg Road
Wesley Drive to Slate Hill Road



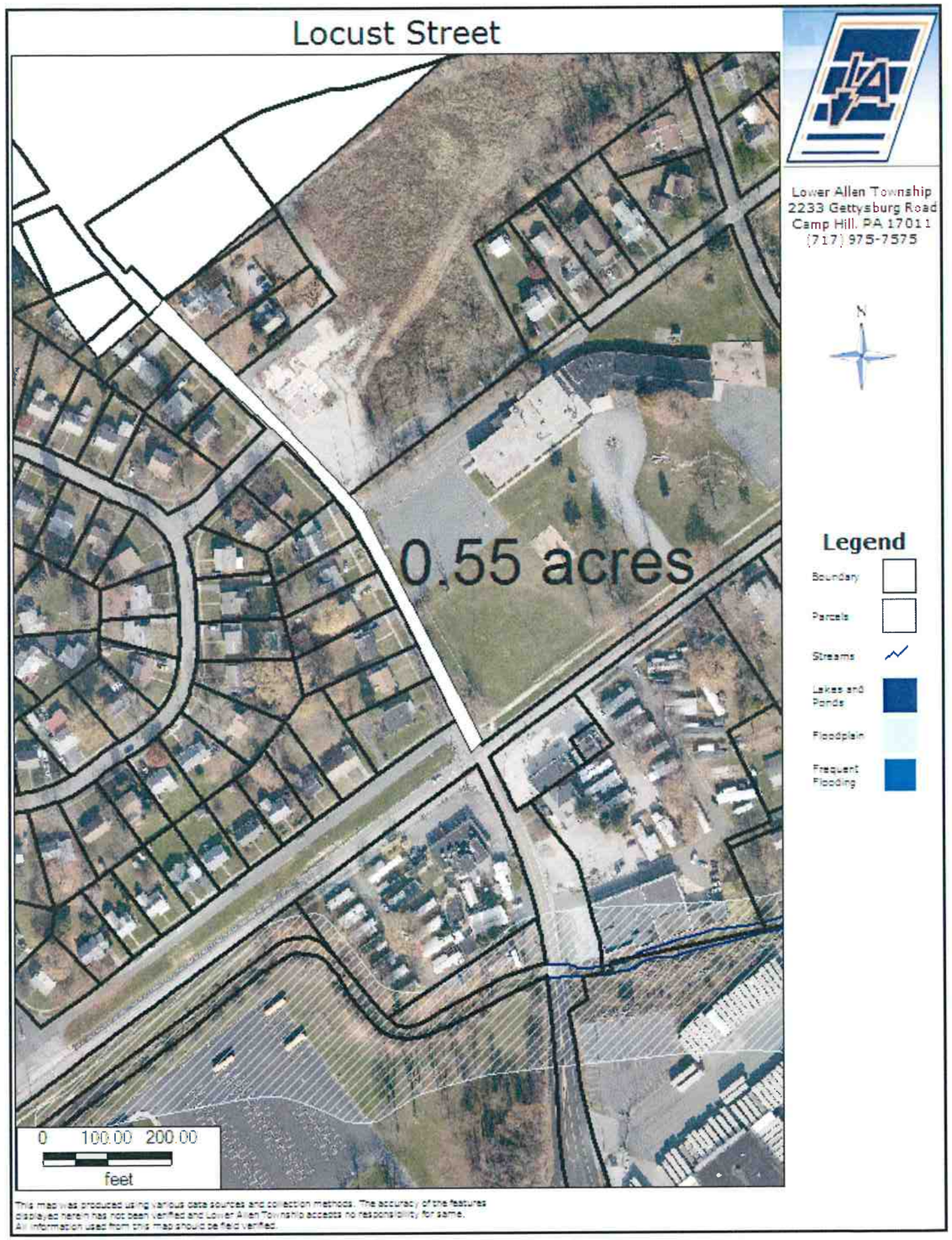
Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Gettysburg Road
Slate Hill Road to Lower Allen Drive

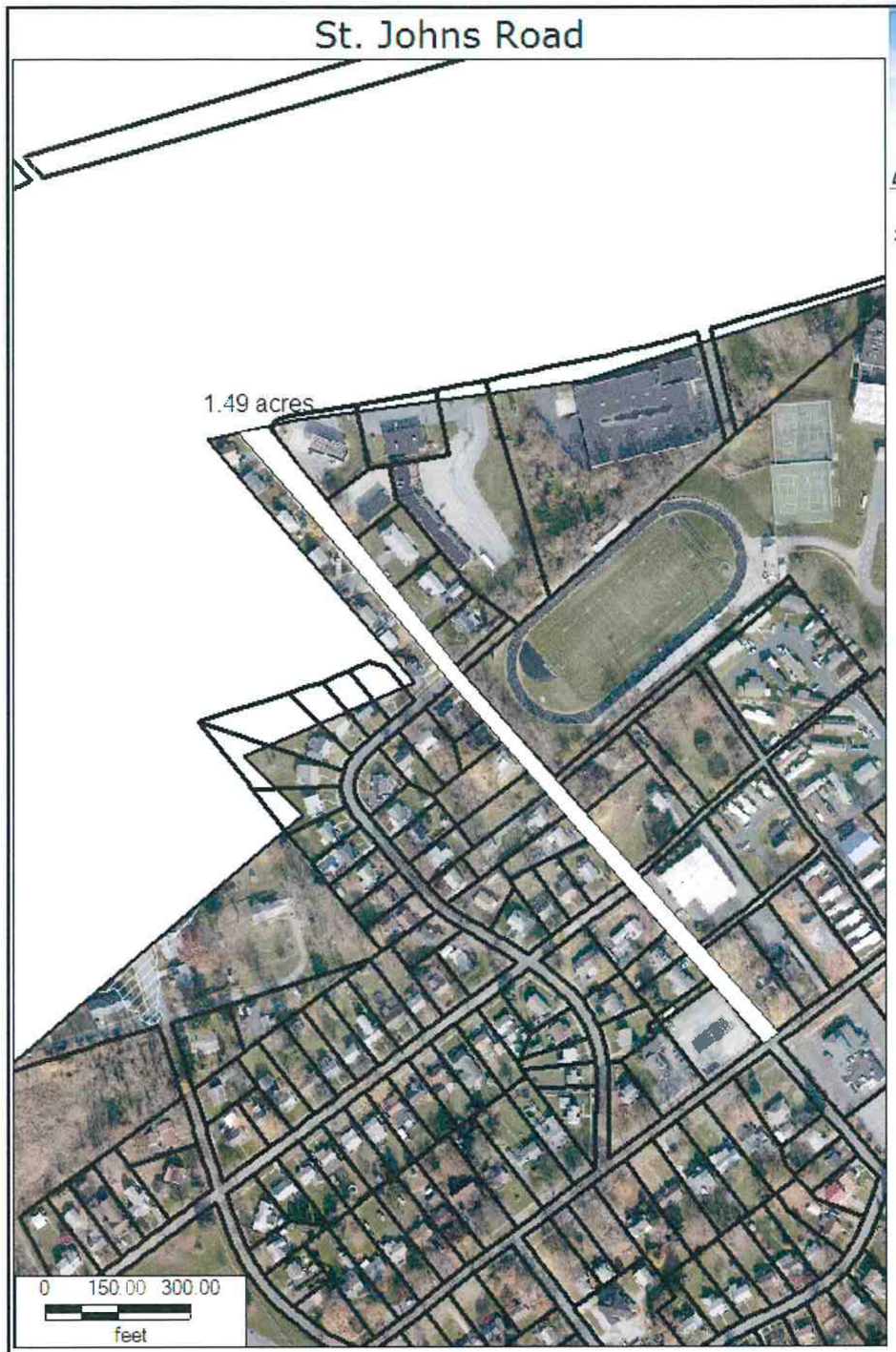


Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

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Lower Allen Drive



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

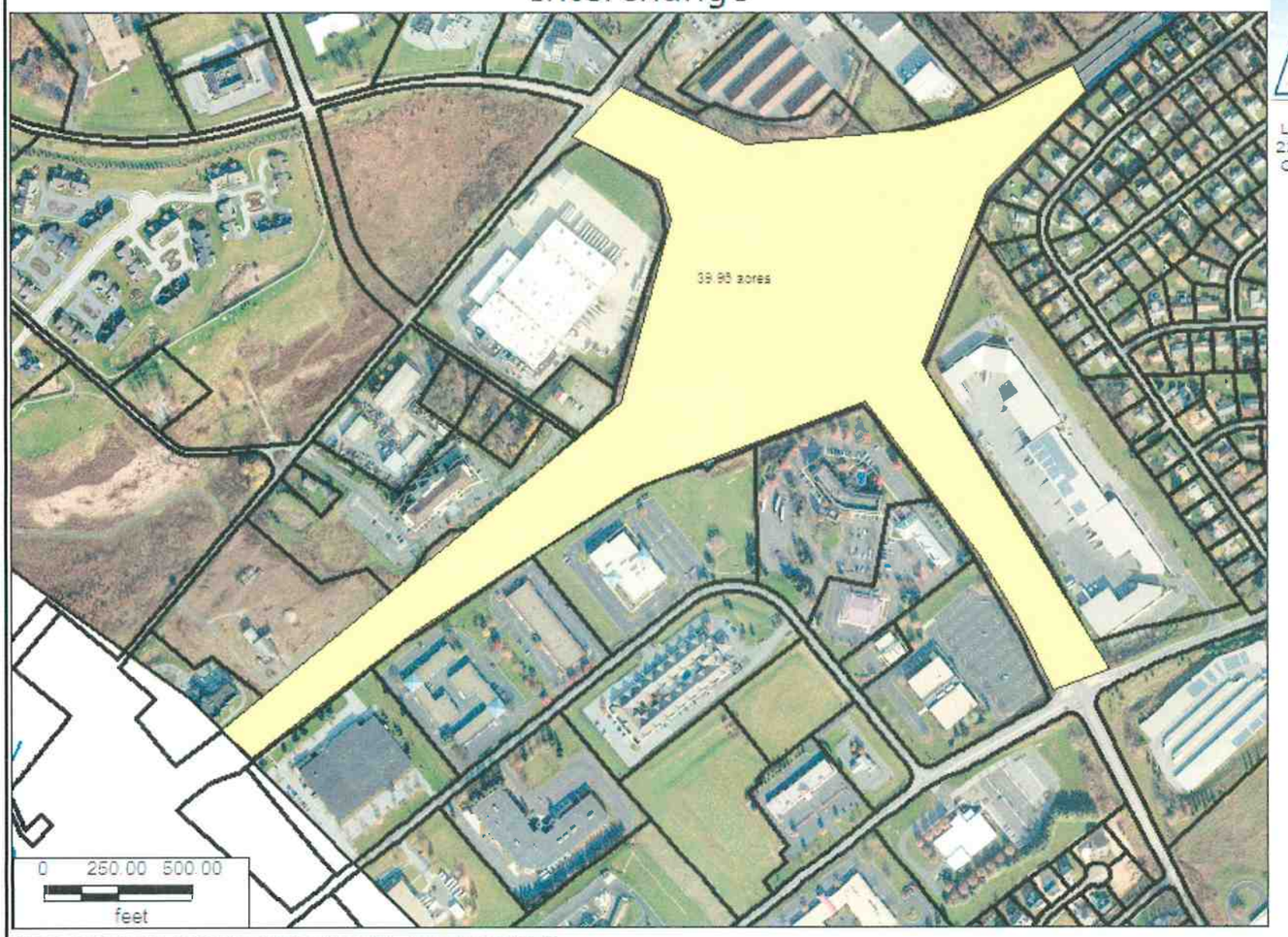
N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

US 15 - Rossmoyne/Wesley Interchange



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed here may not meet standards. Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

US 15: Wesley Int.
to St Johns Rd, and Slate Hill Rd



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

US 15: St Johns Rd through Lower Allen Drive Int.



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

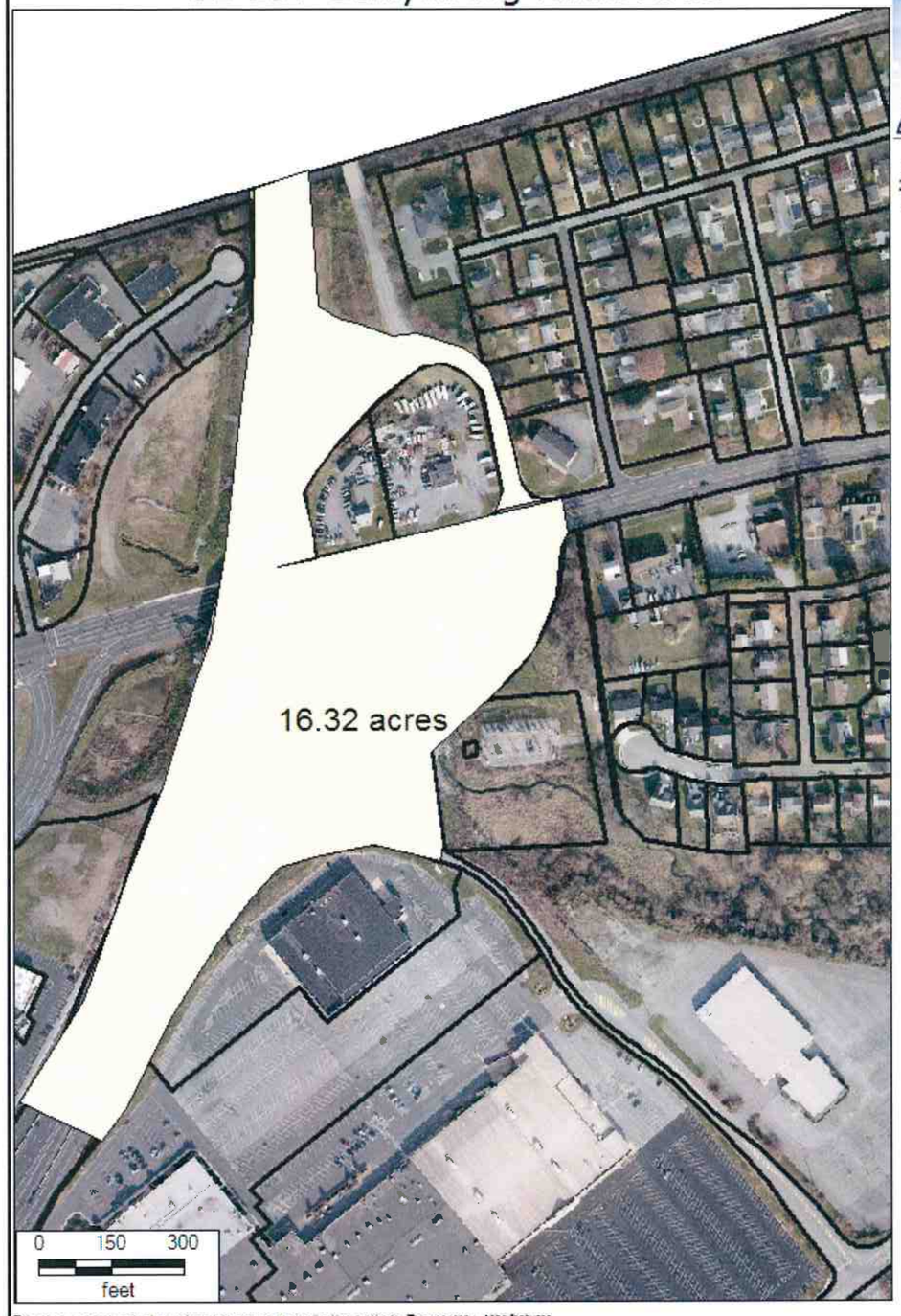
N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same.
All information used from this map should be field verified.

US 15: Gettysburg Road Area



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Pa 581



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

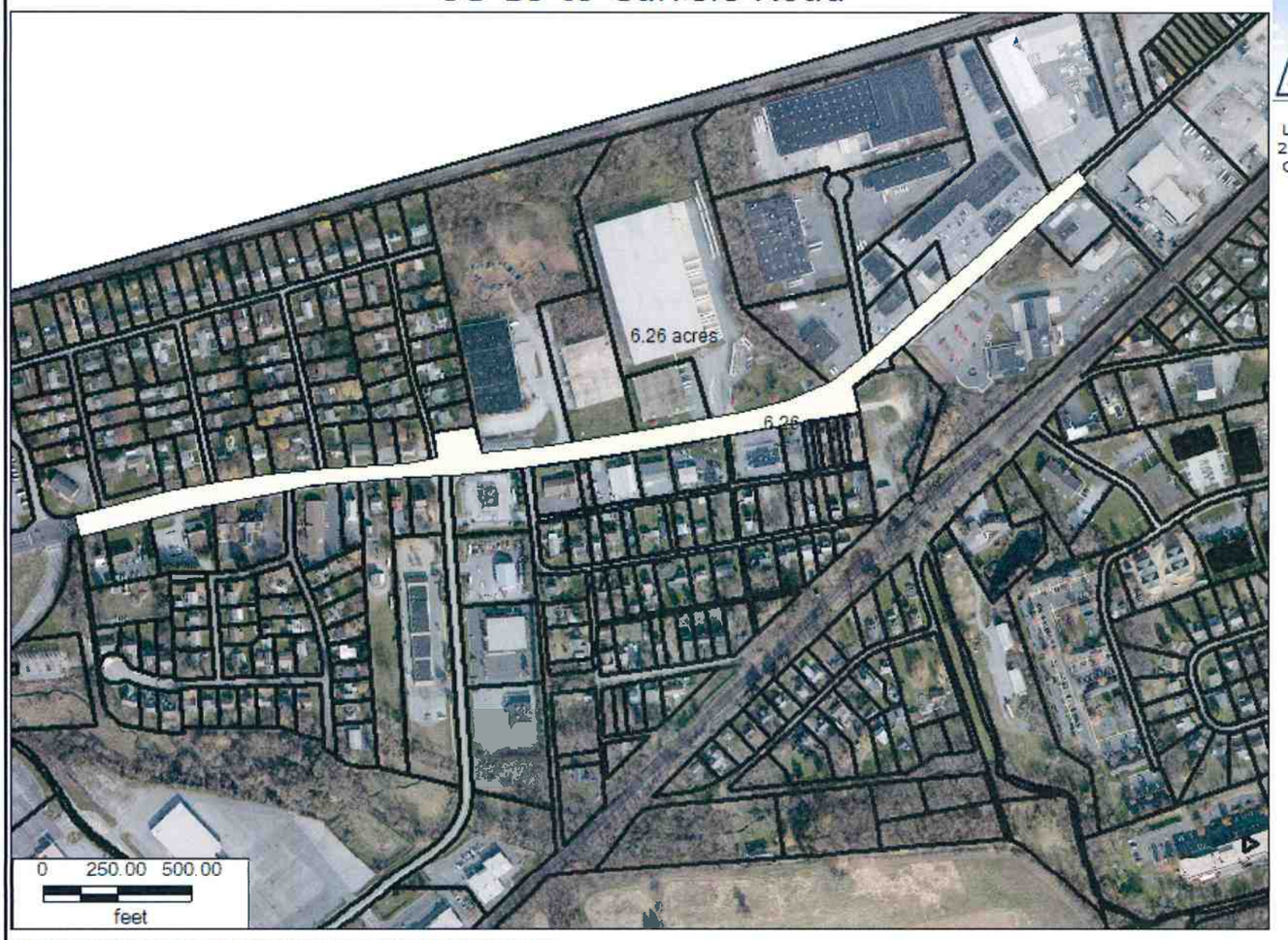
Legend

Boundary

Parcels

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Gettysburg Road
US 15 to Carlisle Road



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

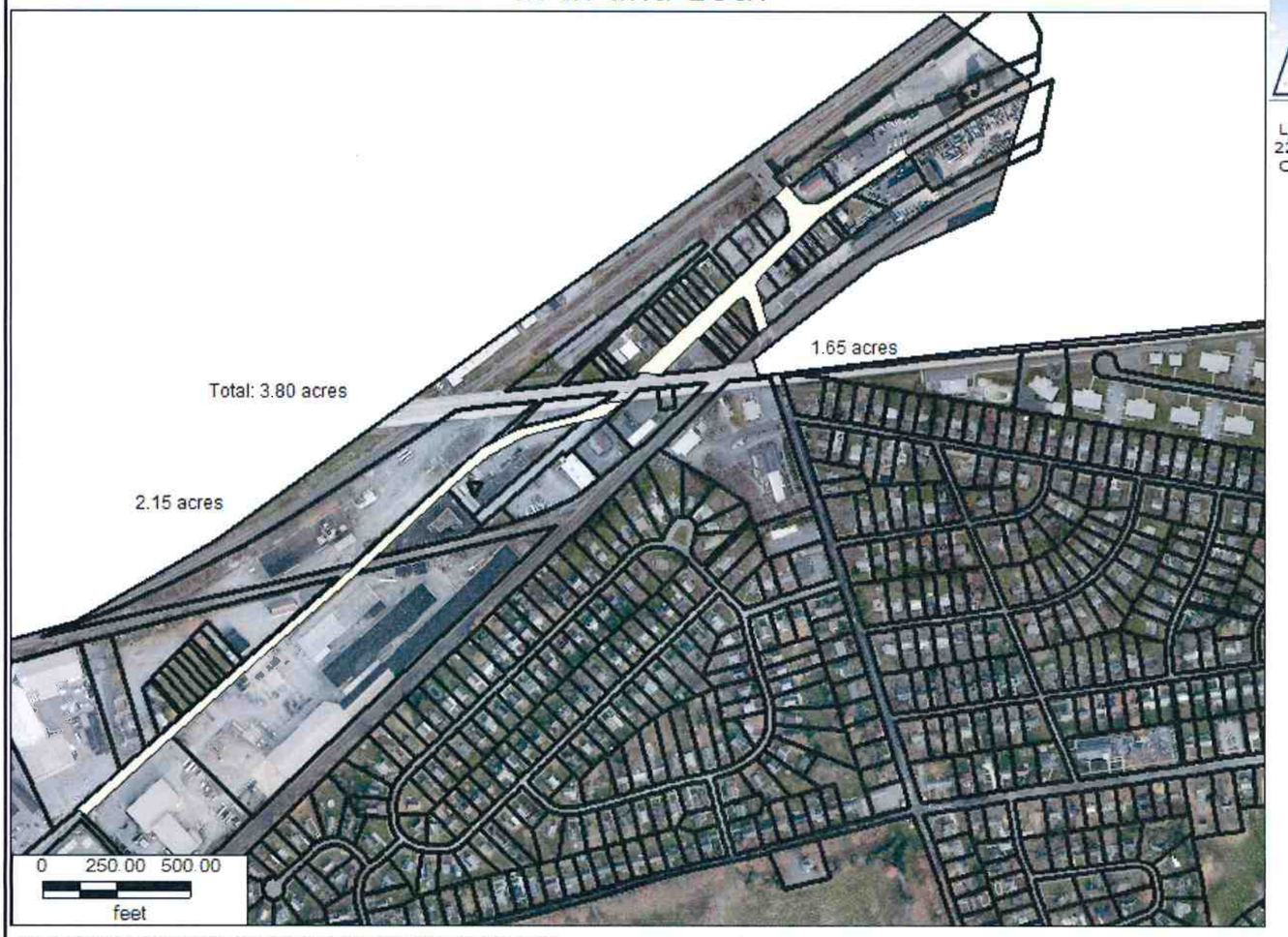
Legend

Boundary

Parcels

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Hummel Avenue
17th and 18th



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Carlisle Road and 18th Street



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Carlisle Road
18th Street to I 83



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

83 Carlisle Rd Interchange

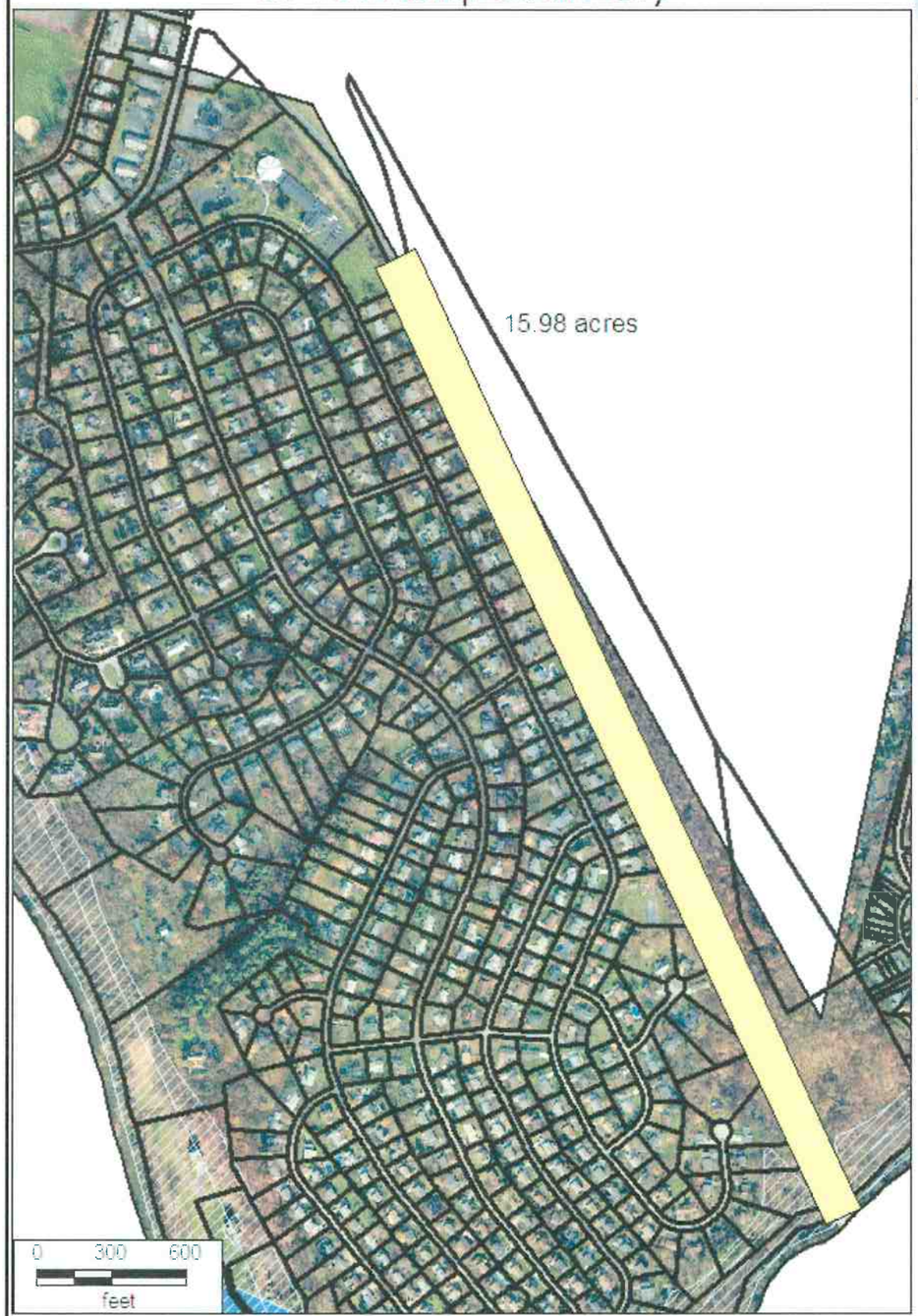
mberland County PA



ep 30 2016 12:50:33 PM.

7.93 ACRES

I83: Carlisle Rd Interchange to Township boundary



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

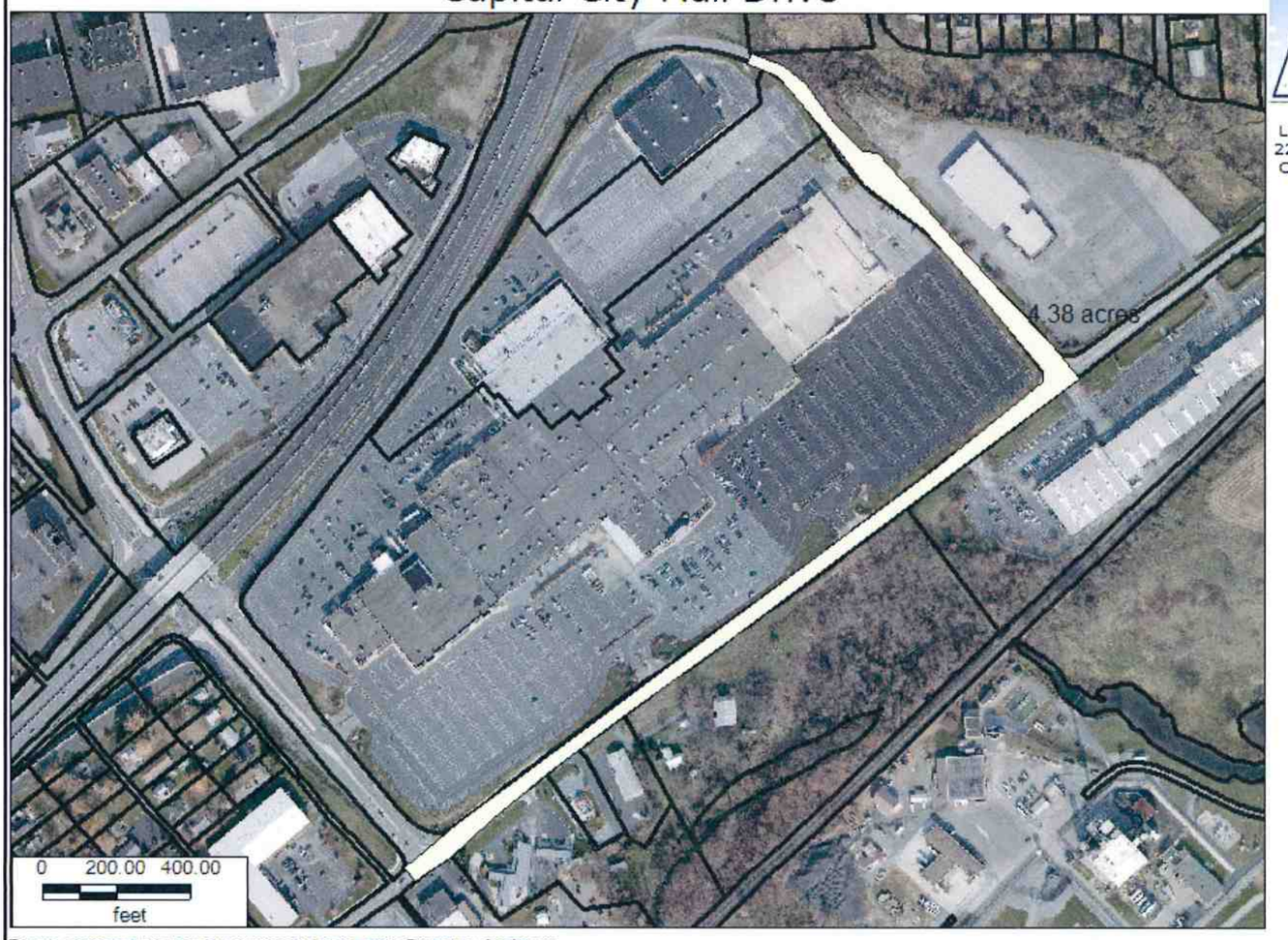
N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

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Hartzdale Drive and Capital City Mall Drive



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

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Creek Road and Lisburn Road



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

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Spangler Mill Road



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

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Lisburn Road
at Quarry and Prison



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

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Lisburn Road
SCIC to Slate Hill Road



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

Legend

Boundary

Parcels

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Lisburn Road
Slate Hill Road to Pa Turnpike



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

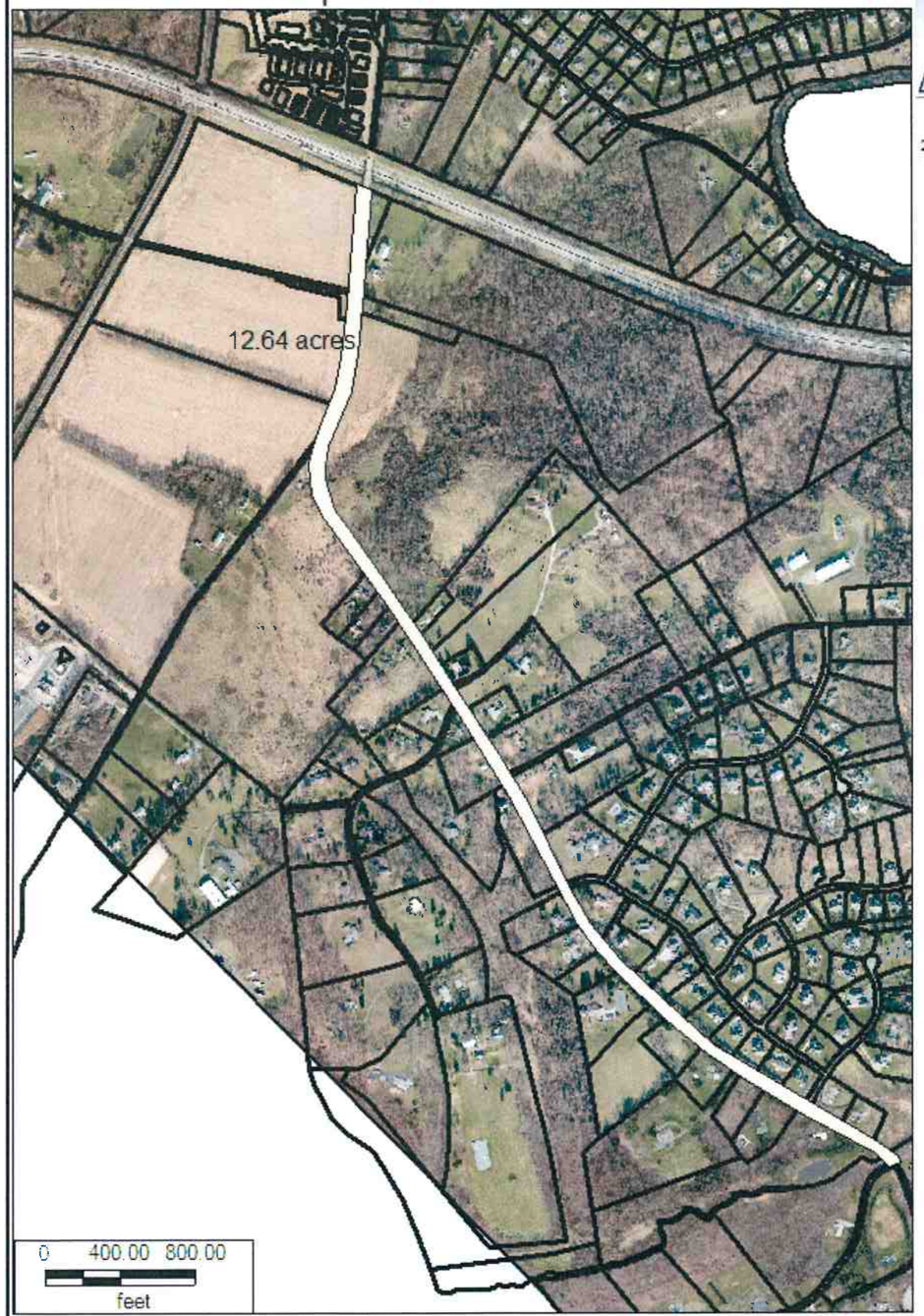
Legend

Boundary

Parcels

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Lisburn Road
Pa Turnpike to Raven Hill Road



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

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Lisburn Road
Raven Hill Road to Main Street



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

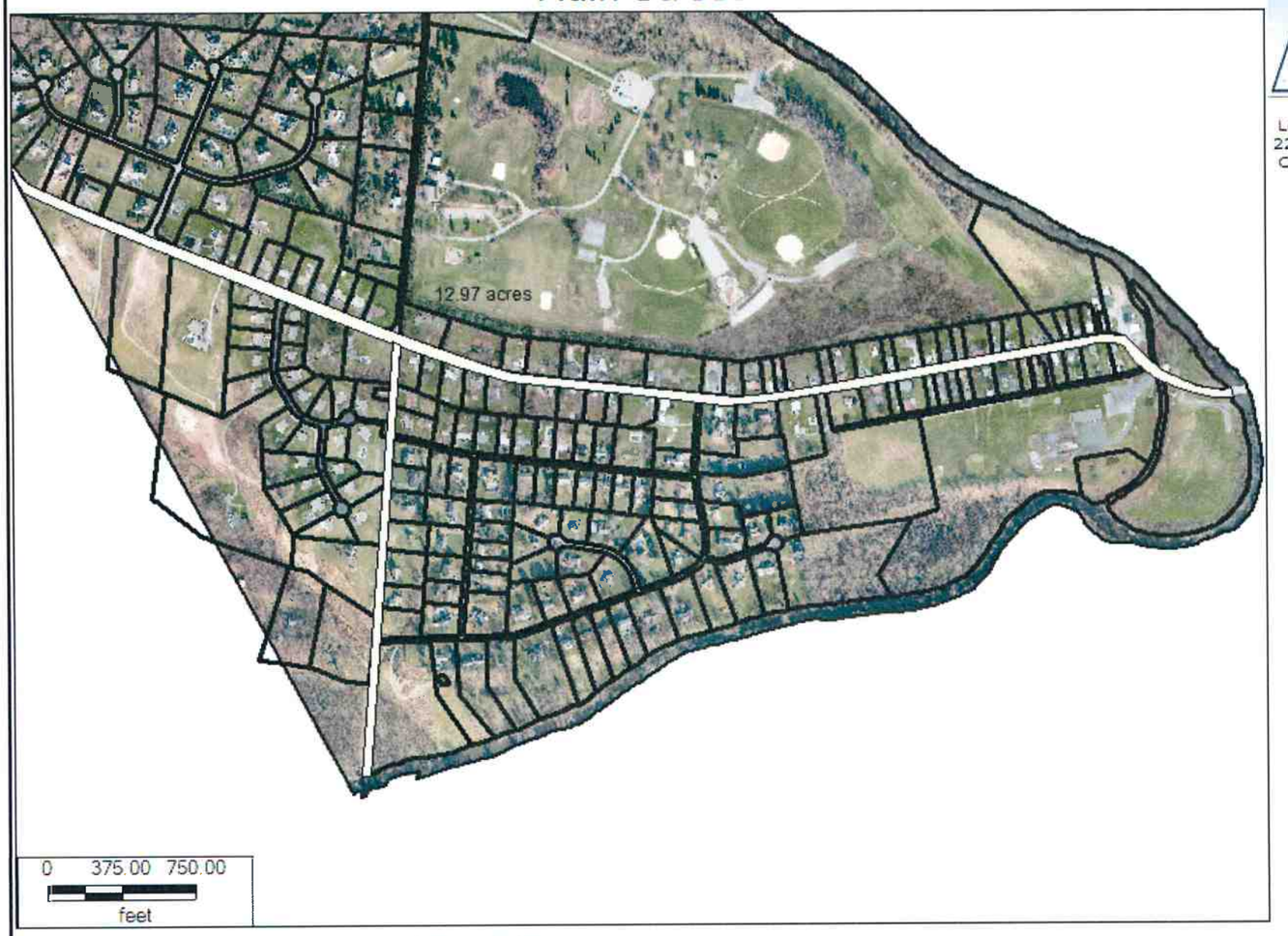
Legend

Boundary

Parcels

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Lisburn Road and Main Street



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

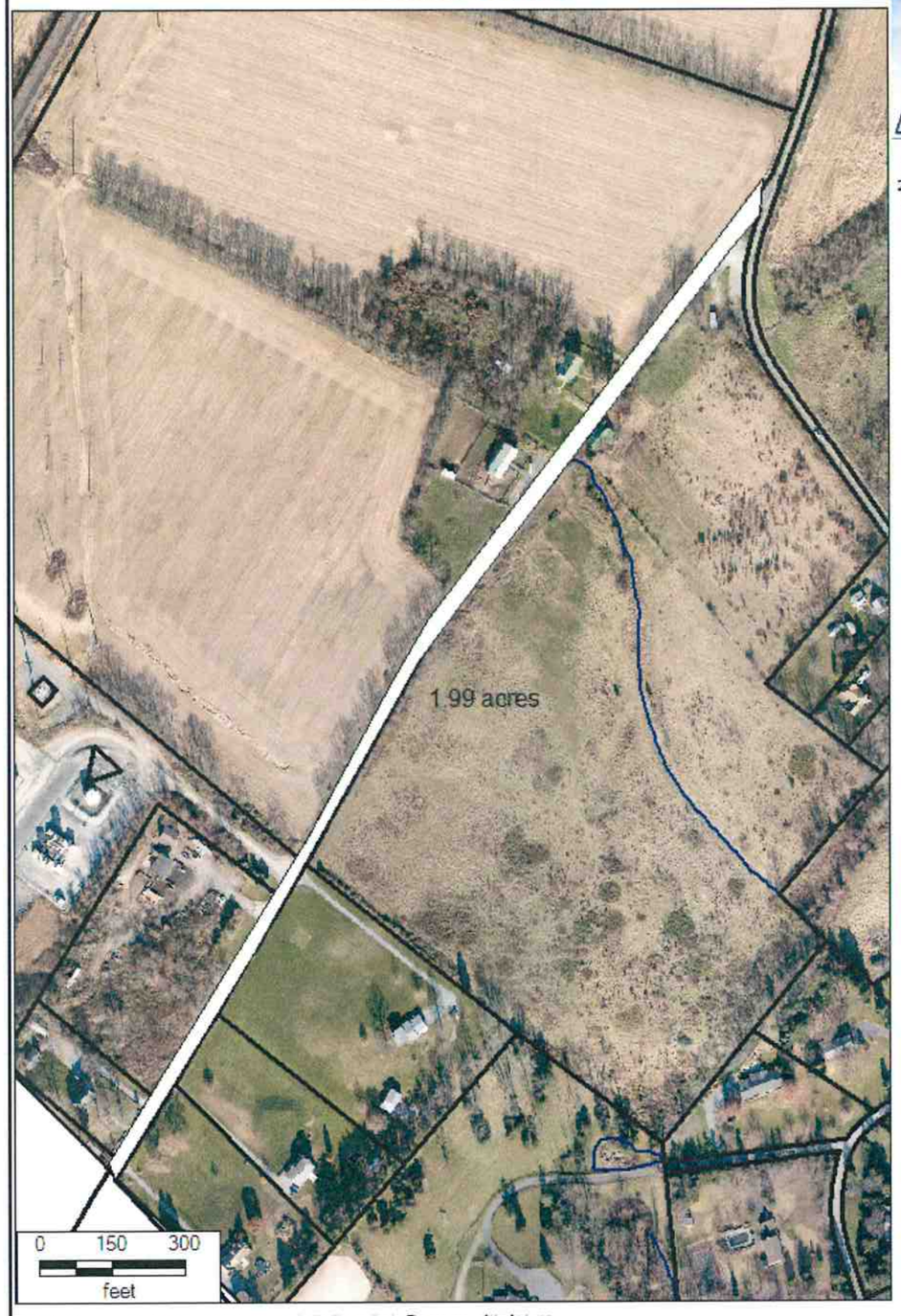
Parcels

0 375.00 750.00

feet

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Arcona Road



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

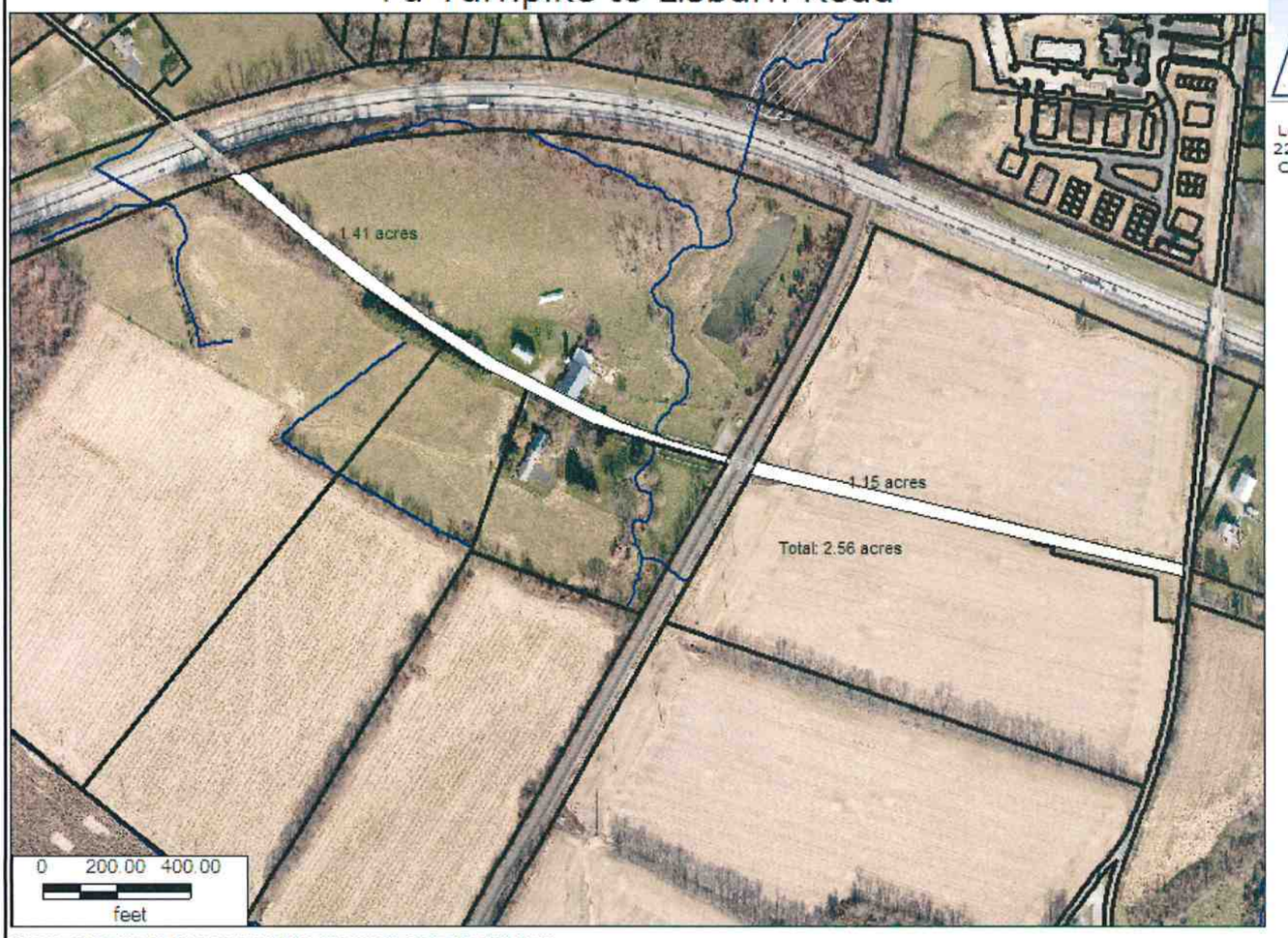
N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

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Rossmoyne Road
Pa Turnpike to Lisburn Road



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

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Wesley Drive
US 15 Interchange to Pa Turnpike



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

Legend

- Boundary
- Parcels
- Streams
- Lakes and Ponds
- Floodplain
- Frequent Flooding

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Slate Hill Road
NSRR to Lisburn Road



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

- Boundary
- Parcels
- Lakes and Ponds

This map was produced using various data sources and collection methods. The accuracy of the features displayed here in has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Slate Hill - Hartzdale
Old Slate Hill



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

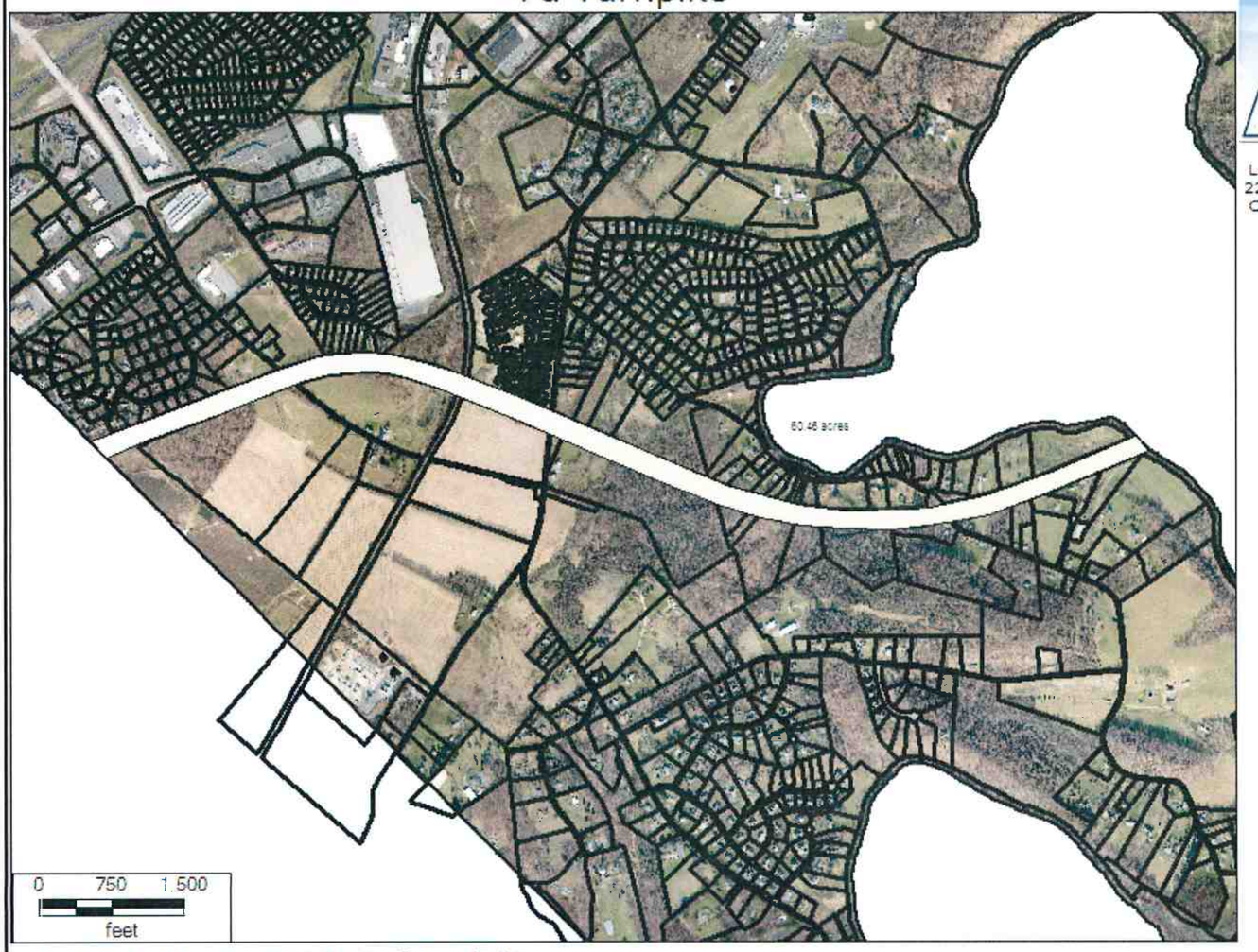
N

Legend

- Boundary
- Parcels
- Lakes and Ponds

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

Pa Turnpike



Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
(717) 975-7575

N

Legend

Boundary

Parcels

0 750 1,500
feet

This map was produced using various data sources and collection methods. The accuracy of the features displayed herein has not been verified and Lower Allen Township accepts no responsibility for same. All information used from this map should be field verified.

PARSED AREAS - OTHER PERMITS

	A	B	C	D	E
1	**NAME**	**LOCATION**	**PARCEL ID**	**PERMIT**	**ACRES**
2	ADM	2000 Hummel Ave	13-22-0536-001	558770	5.66
3	Amsted Rail	3420 Simpson Ferry Rd	13-23-0551-003	451434	2.71
4			13-23-0551-006	451434	1.27
5			13-23-0551-003A	451434	5.65
6	Central Transport	1200 St Johns Rd	13-24-0799-175A	813385	8.37
7	Dairy Farmers of America	4825 Gettysburg Rd	13-09-0545-007	495369	10.6
8	Keystone Holdings LLC	2850 Appleton St	13-25-0020-049	655409	1.69
9			13-25-0020-055	655409	23.63
10	Liberty Excavators	1304 Slate Hill Rd	13-25-0020-052	699758	43.36
11	Ward Trucking	1115 Slate Hill Rd	13-24-0797-214	531127	9.6
12	SCIC	2500 Lisburn Rd	13-09-0547-007EX	MS4	628.5
13			13-10-258-013EX	MS4	71.11
14					
15	**Total**				**812.15**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1		Owner	Care	Mailing Address 1	Mailing Address 2	City	St	Zip	SITUS			PLAN #		OWNER	BMP DESC.	DA Ac.	LAT	LONG	SS Shed	COMPLET	Soil Type
2	x	HIGH PROPERTIES, HIGH GEN CORP	ATTN: ACCOUNTING	1853 WILLIAM PENN WAY	Town Place Suites	LANCASTER	PA	17601	4915 RITTER ROAD Hotel	109	42	SLD 2013-03		HIGH HOTELS, LTD	Detention basin / snouts	3.87	40.203506	-76.959048	CRM4	4/15	B
3	x	YETTER COURT ENTERPRISES LLC		2700 YETTER COURT	2700 YETTER COURT	CAMP HILL	PA	17011	2700 YETTER COURT	26	80	SLD 2012-01		Yetter Court Enterprises, LLC	Infiltration/detention basin	46.83	40.214487	-76.930124	CRM2	8/15	B
4	x	TRIPLE CROWN CORPORATION		5351 JAYCEE AVENUE		HARRISBURG	PA	17112	850 LISBURN ROAD - Brooks Edge	119		SLD 2013-07		TRIPLE CROWN	Detention / infiltration basins	11.64	40.224054	-76.915151	CRM2	10/15	C
5	Poss. Dupl	ASBURY ATLANTIC INC		201 RUSSELL AVENUE		GAITHERSBURG	MD	20877	5225 WILSON LANE	2	1	SLD-2006-17		Bethany Village BVW Cottages	Bioretention areas: detention basin	25.93	40.208959	-76.964929	CRM3	3/9	B
6		CENTURY PARK INVESTMENTS LP		4718 OLD GETTYSBURG ROAD	SUITE 405	MECHANICSBURG	PA	17055	960 CENTURY DRIVE	64	19	SLD-2005-01		Willow Valley Associates Inc	Porous asphalt, bioretention, infiltration beds	8.322	40.213724	-76.960295	CRM3	10/14	C
7	x	OLD GETTYSBURG ASSOCIATES V, L.P.							4732 GETTYSBURG ROAD	118		SLD 2014-02		JOHN ORTENZIO	Detention/infiltration basin	5.24	40.211295	-76.960032	CRM3	10/16	C
8	x	MOUNTAINEER PROPERTIES LLC	Jason Grace	2404 GETTYSBURG ROAD	P.O. Box 921	CAMP HILL	PA	17011	2404 GETTYSBURG ROAD	114		SLD 2015-01		WILLIAM JASON GRACE	Rain gardens	2.48	40.231193	-76.922721	CRT1	11/15	B
9		LOWER ALLEN TOWNSHIP		2233 GETTYSBURG ROAD		CAMP HILL	PA		2233 GETTYSBURG ROAD	47	4	SLD-2006-05		Lower Allen Township	Porous asphalt, bioretention areas, infiltration trench	3.45	40.22942	-76.919227	CRT1	3/8	C
10	x	WALMART REAL ESTATE BUSINESS		1301 SE 10TH STREET		BENTONVILLE	AR	72712	3400 HARTZDALE DRIVE	110		SLD 2012-07		WALMART REAL ESTATE BUSINESS	UG infiltration/Ext Det basin (2); infiltration/Ext Det basin (AG)	9.22	40.224778	-76.926825	CRT1	8/8	C
11	x	VFW POST 7530		4545 WESTPORT DRIVE	4545 WESTPORT DRIVE	MECHANICSBURG	PA	17055	4545 WESTPORT DRIVE	33	10	SLD-2005-25		Home Association of Lower Allen VFW Post 7530, Inc.	Detention/infiltration basin	5.38	40.205782	-76.948001	CRT2	2/7	B
12		WALTERS-POFF, DUSTIN	HOA	4513 WOODS WAY		MECHANICSBURG	PA	17055	4513 WOODS WAY-Basin	20	29	SLD-200402		Dustin Walters-Poff	Detention/infiltration basin	10.37	40.201813	-76.945835	CRT2	9/5	B
13		PRICE, DEREK D & CHRISTINA M	HOA	4526 WOODS WAY		MECHANICSBURG	PA	17055	4526 WOODS WAY – Basin	22	29	SLD-200402		Derek and Christina Price	Detention/infiltration basin	6.568	40.200759	-76.947761	CRT2	9/5	B
14	x	LISBURN DEVCO LP		1650 CROOKED OAK DRIVE	SUITE 300	MECHANICSURG	PA	17055	3009 MERIDIAN WAY-Basin	23	95	SLD 2011-06		Lisburn Devco I LP	Detention basin; constructed wetlands	10.325	40.200297	-76.942151	CRT2	10/12	B
15		LISBURN DEVCO LP		1650 CROOKED OAK DRIVE	SUITE 300	MECHANICSBURG	PA	17055	2960 MERIDIAN WAY			SLD 2011-06		Lisburn Devco I LP	UG detention/infiltration beds	12.714	40.201491	-76.940979	CRT2	10/12	B
16	x	CHARTER HOMES OF HIGHPOINT INC.							Highpoint Phases 1.1, 1.2, &1.4			SLD 2014-01			Detention basin; constructed wetlands	43.302	40.193595	-76.946315	CRT2	10/14	C
17		ROLAND, ROSALIE H		1706 LIBERTY COVE		MECHANICSBURG	PA	17055	LIBERTY COVE – Basins	40	11	SLD-2005-24		Twenty Four West Partnership	Water quality basins	10.75	40.191071	-76.926674	YBC3	3/9	B
18									3804 Lisburn Road			SLD 2001-19		LFGC	Infiltration trenches	7.521	40.17639	-76.923134	YBC4	10/3	B
19	x	TRIPLE CROWN CORPORATION		5351 JAYCEE AVENUE		Harrisburg	Pa	17112	Stone Gate Village	119		SLD 2015-13		Triple Crown	Infiltration basins; rain gardens	7.9	40.208253	-76.935014	CRM2	10/16	B
20		BHH PARTNERS		15 CENTRAL BOULEVARD		CAMP HILL	PA	17011	YARMOUTH LANE-Basins	82	12	SLD-2005-22		BHH Partners Hts Beacon Hill Phase 3	Swales, forebays, infiltration/detention basins	16.5	40.218773	-76.872882	YBC1	3/8	B
21	x	SHANER SELECT SERVICES HOTELS	II LLC	1965 WADDLE ROAD		STATE COLLEGE	PA	16803	4921 GETTYSBURG ROAD	87	14	SLD-2005-20		Shaner Family Partners	Infiltration basins	6.14	40.20724	-76.963872	CRM4	6/7	C
22		GEARHART, ANDREW M & ABBEY R		4165 BIRCHWOOD LANE		MECHANICSBURG	PA	17055	4118 WILLOW BEND ROAD	100	26	SLD-2004-07 upper basin		Thomas and Tiffany Bartlett\	Basin/infiltration area	7.43	40.167862	-76.923907	YBC4	10/6	B
23	X	LENA DRIVE ASSOCIATES, LP/ HOLLINGER DEVELOPMENT CO.		4550 LENA DR.		MECHANICSBURG	PA	17055	4165 BIRCHWOOD LANE	101	26	SLD-2004-07 lower basin		Andrew and Abbey Gearhart	Ext. detention basin/forebay	4.52	40.166312	-76.921664	YBC4	10/6	B
24															TOTAL	266.4					

NORTH

POLLUTION PREVENTION:

1. ALL CONSTRUCTION PERSONNEL SHALL BE TRAINED VIA SHEDDLY TAILGATE SESSIONS PERTAINING TO POLLUTION PREVENTION FOR THE PROJECT SITE.
2. THE SITE CONTRACTOR SHALL NOT STORE ERODIBLE OR HAZARDOUS MATERIALS ON ANY ROADWAY.
3. ALL WASTE MATERIAL WILL BE COLLECTED AND DISPOSED OF INTO METAL TRASH DUMPSTERS IN THE MATERIALS STORAGE AREA ON SITE. THE SITE CONTRACTOR IS RESPONSIBLE FOR LOCATING AN ACCEPTABLE UPLAND LOCATION FOR THE DISPOSAL OF ANY EXCESS SOIL OR ROCK WASTE THAT CANNOT BE DISPOSED OF ON THE PROPERTY.
4. CONSTRUCTION EQUIPMENT AND MAINTENANCE MATERIALS SHALL BE STORED AT THE COMBINED STAGING AREA AND MATERIALS STORAGE AREAS. GRAVEL BAG BERMS SHALL BE INSTALLED AROUND THE PERIMETER TO DESIGNATE THE STAGING AND MATERIALS STORAGE AREA. A WATERTIGHT SHIPPING CONTAINER SHALL BE USED TO STORE HAND TOOLS, SMALL PARTS, AND OTHER CONSTRUCTION MATERIALS.
5. SEVERAL TYPES OF VEHICLES AND EQUIPMENT WILL BE USED ON-SITE THROUGHOUT THE PROJECT. ALL MAJOR EQUIPMENT / VEHICLE FUELING AND MAINTENANCE SHALL TAKE PLACE OFF-SITE. A SMALL PICKUP BED FUEL TANK SHALL BE KEPT ON-SITE IN THE CONSTRUCTION STAGING AREA. SMALL VEHICLE FUELING MUST OCCUR ON-SITE, THE FUELING ACTIVITY SHALL OCCUR IN THE STAGING AREA. ONLY MINOR EQUIPMENT MAINTENANCE SHALL OCCUR ON-SITE. ALL EQUIPMENT FLUIDS GENERATED FROM MAINTENANCE ACTIVITIES WILL BE DISPOSED OF INTO DESIGNATED DRUMS STORED ON-SITE. ALL EQUIPMENT SHALL HAVE SPILL-CLEANUP MATERIALS AND SPILL KITS SHALL BE AVAILABLE AT THE COMBINED STAGING AND MATERIALS STORAGE AREAS. DRIP PANS SHALL BE PLACED UNDER ALL EQUIPMENT RECEIVING MAINTENANCE AND VEHICLES AND EQUIPMENT PARKED OVERNIGHT.
6. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. SPENT ABSORBENT MATERIALS AND RAGS SHALL BE HAULED OFF-SITE IMMEDIATELY. ALL SPILLS SHALL BE CLEANED UP FOR DISPOSAL AT THE LOCAL LANDFILL. SPILLS LARGE ENOUGH TO DISCHARGE TO SURFACE WATER SHALL BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802.
7. DUST CONTROL SHALL BE IMPLEMENTED AS NEEDED ONCE SITE GRADING HAS BEGUN AND DURING WINDY CONDITIONS (FORECASTED OR ACTUAL WIND CONDITIONS OF 20 MPH OR GREATER) WHILE SITE GRADING IS OCCURRING. SPRAYING OF POTABLE WATER AT A RATE OF 300 GALLONS PER ACRE OR LESS SHALL BE PERFORMED BY A WORKS PRESSURE-TYPE DISTRIBUTOR TRUCK NO MORE THAN THREE TIMES A DAY DURING THE MONTHS OF MAY-SEPTEMBER AND ONCE PER DAY DURING THE MONTHS OF OCTOBER-APRIL OR WHENEVER THE DRYNESS OF THE SOIL WARRANTS IT.
8. LANDSCAPING IRRIGATION WATERS SHALL NOT BE SPRAYED ONTO IMPERMEABLE SURFACES SUCH AS PAVED DRIVEWAYS AND ROADS. WATERS SHALL BE DIRECTED ONTO SOIL AND LAWNS BY USING HOSES AND CORRECTLY SIZED SPRINKLERS WITH ADJUSTABLE SPRAY PATTERNS. TO AVOID DISCHARGES OF IRRIGATION WATER, THE SPRINKLERS SHALL HAVE LOW-FLOW RATES AND INCREASED WATERING TIME. THE IRRIGATED AREA SHALL BE INSPECTED FOR EXCESS WATERING AND TO ADJUST WATERING TIMES AND SCHEDULES.
9. MATERIAL SAFETY DATA SHEETS, A MATERIAL INVENTORY, AND EMERGENCY CONTACT INFORMATION SHALL BE MAINTAINED AT THE ON-SITE PROJECT TRAILER.
10. PERMANENT SEEDING SHALL BE APPLIED IMMEDIATELY AFTER THE FINAL DESIGN GRADES ARE ACHIEVED ON PORTIONS OF THE SITE BUT NO LATER THAN FOURTEEN (14) DAYS AFTER CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED. AFTER THE ENTIRE SITE IS STABILIZED, ANY SEDIMENT THAT HAS ACCUMULATED SHALL BE REMOVED AND HAULED OFF-SITE FOR DISPOSAL. CONSTRUCTION DEBRIS, TRASH, AND TEMPORARY BMPS SHALL BE REMOVED AND ANY AREAS DISTURBED AND DURING REMOVAL SHALL BE SEEDED IMMEDIATELY. THE OWNER AND/OR OPERATIONS SHALL CONTACT THE COUNTY CONSERVATION DISTRICT FOR A FINAL INSPECTION.

RECEIVING WATER / CLASSIFICATION:

NAME: UNNAMED TRIBUTARY TO CEDAR RUN
CLASS: CWF

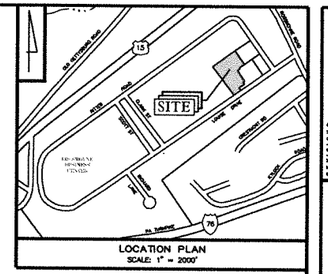
NATIVE SOIL TYPES:

DuB — DUFFIELD SILT LOAM (3 - 8 % SLOPES)

HuA — HUNTINGTON SILT LOAM (0 - 5 % SLOPES)

LIST OF PROPOSED BMPS

1. GRASS-LINED SWALES
2. DETENTION BASIN
3. SNOUT OIL AND DEBRIS STOPS
4. EMERGENCY SPILLWAY
5. STREET SWEEPING
6. SWALE INLET (CURB CUT)



LOCATION PLAN
SCALE: 1" = 2000'

STORMWATER MANAGEMENT FACILITIES & BMP OPERATION & MAINTENANCE NOTES:

A. INSPECTIONS:
1. STORMWATER FACILITIES AND PERMANENT BMPS MUST BE INSPECTED IN ACCORDANCE WITH THE POST-CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM) AND THE EXECUTED STORMWATER FACILITIES AND BMP MAINTENANCE AND MONITORING AGREEMENT (MAM AGREEMENT). THE PROPERTY OWNER HAS TWO INSPECTION OPTIONS:
   I. EMPLOYING A QUALIFIED REGISTERED PROFESSIONAL TO CONDUCT THE INSPECTIONS AND PREPARE REPORTS. THE ENTITY CONDUCTING THE INSPECTION SHALL BE REQUIRED TO SUBMIT A REPORT TO LOWER ALLEN TOWNSHIP ANNUALLY. SUCH REPORTS SHALL BE SUBMITTED BY FEBRUARY 1 FOR INSPECTIONS COMPLETED DURING THE PREVIOUS CALENDAR YEAR. THE REPORT SHALL DOCUMENT THE CONDITION OF THE FACILITIES AND RECOMMEND ANY NECESSARY CORRECTIVE RECOMMENDED REPAIRS AND OTHER CORRECTIVE ACTIONS SHALL BE IMPLEMENTED BY THE PROPERTY OWNER WITHIN THIRTY (30) DAYS OF THE REPORT DATE.
   II. ENTERING INTO AN AGREEMENT WITH LOWER ALLEN TOWNSHIP FOR THE TOWNSHIP TO CONDUCT THE INSPECTIONS AND PREPARE REPORTS. THIS CAN BE INCLUDED IN THE MAM AGREEMENT. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR REIMBURSING THE TOWNSHIP FOR THE COSTS INVOLVED IN ACCORDANCE WITH THE MAM AGREEMENT.
2. OPEN BASINS SHALL BE INSPECTED FOUR (4) TIMES PER YEAR, AND AFTER EVERY RAIN EVENT EXCEEDING ONE INCH (1") INSPECTIONS OF OPEN BASINS SHALL INCLUDE BUT NOT BE LIMITED TO:
   I. STRUCTURAL INTEGRITY AND OPERATION OF OUTLET STRUCTURES AND APPURTENANCES.
   II. STABILITY OF SOIL OVER AND ADJACENT TO THE FACILITY.
   III. DENSITY AND CONDITION OF VEGETATION.
   IV. OPERATION OF INLETS AND RELEASE OF STORMWATER IN ACCORDANCE WITH THE FACILITY DESIGN.
   V. SEDIMENT ACCUMULATION.
   VI. SAFETY.
B. MAINTENANCE:
1. VEGETATION IN AND ADJACENT TO BASINS SHALL BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND IN ACCORDANCE WITH THE LOWER ALLEN TOWNSHIP ORDINANCES.
2. DEBRIS SHALL BE REMOVED FROM BASINS ON A QUARTERLY BASIS. FLOATABLE DEBRIS THAT MAY IMPACT OPERATION OF THE OUTLET STRUCTURE SHALL BE REMOVED IMMEDIATELY.
3. GROUNDWATER RECHARGE AND WATER QUALITY BMPS SHALL BE OBSERVED QUARTERLY DURING RUNOFF EVENTS TO ENSURE OPERATION AS DESIGNED. BMPS SHALL BE CLEANED AS REQUIRED TO ENSURE CONTINUED OPERATION AS DESIGNED.
4. MAINTENANCE AND OBSERVATION ACTIVITIES SHALL BE DOCUMENTED IN THE ANNUAL INSPECTION REPORT.

PCSM GENERAL NOTES:

1. THE PARTY RESPONSIBLE FOR CARRYING OUT THE OPERATION AND MAINTENANCE OF THE POST-CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs) IS THE APPLICANT/OWNER.
2. STREET SWEEPING OF THE PAVED PORTIONS OF THIS SITE IS TO BE CONDUCTED ON A QUARTERLY BASIS.
3. THE GEOTECHNICAL ENGINEER SHOULD REVIEW PLANS AND SPECIFICATIONS PRIOR TO CONSTRUCTION TO VERIFY COMPLIANCE WITH RECOMMENDATIONS CONTAINED WITHIN THE GEOTECHNICAL ENGINEERING ANALYSIS AND THAT SUFFICIENT AND APPROPRIATE TESTING AND OBSERVATION DURING CONSTRUCTION IS PROVIDED. BEING INCORPORATED DURING CONSTRUCTION TO PREVENT EROSION OF FILL, WASHOUT OF EARTHMENTS AND UNDERMINING OF PAVED AREAS ON THE SITE. THE SITE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ALL SPECIFIC RECOMMENDATIONS CONTAINED WITHIN THE GEOTECHNICAL ENGINEERING REPORT AND THE SUPPLEMENTARY REPORT PREPARED BY ADVANTAGE ENGINEERS, DATED APRIL 17, 2013.
4. A REGISTERED PROFESSIONAL GEOLOGIST SHOULD OVERSEE SITE EARTHWORK OPERATIONS, INCLUDING BUT NOT LIMITED TO ANY EXCAVATIONS AND/OR GRADING ACTIVITIES REQUIRED TO ACHIEVE PLANNED GRADES.

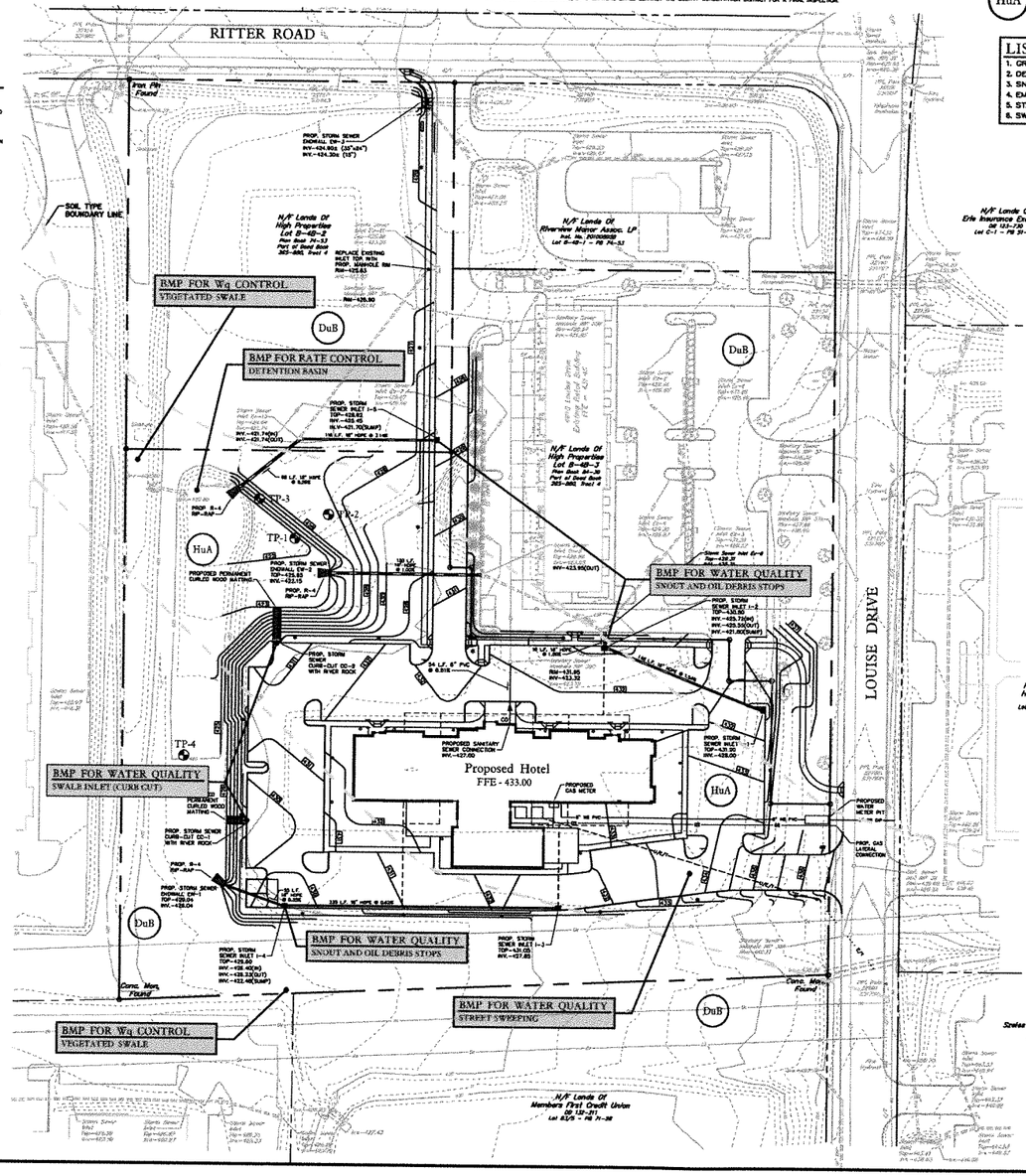
TP-X INDICATES APPROXIMATE TEST PIT LOCATION

RESULTS OF INFILTRATION ANALYSIS

TEST PIT LOCATIONS	SURFACE ELEVATION	TEST ELEVATION (FT.)	INFILTRATION RATES (IN/HR)
TP-1	427	422	< 0.1 IN/HR
TP-2	427	422	< 0.1 IN/HR
TP-3	427	422	< 0.1 IN/HR
TP-4	426	424.8	2.2 IN/HR

LEGEND:

- Existing 1' Contour
- Existing 5' Contour
- PROPOSED CONTOUR
- Approximate Location Of Existing Sanitary Sewer Manhole & Line
- PROPOSED SANITARY SEWER CLEAN-OUT & SERVICE LINE
- Approximate Location Of Existing Storm Inlet & Pipe
- PROPOSED STORM SEWER INLET & LINE
- Approximate Location Of Existing Water Line
- PROPOSED WATER SERVICE
- Approximate Location Of Existing Gas Line
- PROPOSED WATER SERVICE
- Approximate Location Of Overhead Elec. & Tele. Line
- PROPOSED OVERHEAD ELECTRIC & TELEPHONE LINE
- PROPOSED UNDERGROUND ELECTRIC LINE
- Existing Fire Hydrant
- Existing Utility Pole
- PROPOSED UTILITY POLE
- Existing Light Pole
- PROPOSED LIGHT POLE
- Existing Sign
- PROPOSED SIGN
- PROPOSED SPOT ELEVATION
- Existing Trees/Bushes
- PROPOSED END SECTION AND RIP-RAP APRON
- PROPOSED CURLED WOOD MATTING



MAINTENANCE OF PERMANENT CONTROL STRUCTURES:

1. STORM INLETS: REMOVE SEDIMENT AND DEBRIS FROM STORM SEWER INLETS ON A QUARTERLY BASIS.
2. SURFACE DETENTION BASIN #1:
   SIGNIFICANCE: THE DETENTION BASIN IS DESIGNED TO REDUCE THE RATE OF STORMWATER RUNOFF
   CRITICAL STAGES OF INSTALLATION: A. ENSURE THAT THE SYSTEM IS INSTALLED TO THE CRITERIA OF THE DESIGN ENGINEER.
   MAINTENANCE: A. THE DETENTION BASIN SHALL BE REGULARLY MOWED AND INSPECTED FOR AREAS THAT LACK VEGETATION. IF ANY OF THOSE AREAS ARE ENCOUNTERED THEY MUST BE RE-SEEDED IMMEDIATELY AND MONITORED TO ENSURE PROPER GROWTH.
   B. THE OUTLET STRUCTURE AND CONNECTION TO THE OUTLET CULVERT SHALL BE INSPECTED AND REPAIRED AS NECESSARY. THE TRASH SCREEN SHALL BE INSPECTED FOR BREAKS OR SIGNIFICANT DAMAGE AND REPAIRED.
   C. ALL DEBRIS SHALL BE REMOVED FROM THE TRASH SCREEN, OUTLET STRUCTURE AND BASIN AREA AND DISPOSED OF PROPERLY. (PERFORM QUARTERLY AS WELL AS EVERY STORM GREATER THAN ONE (1) INCH)
   D. ANY BUILT-UP SEDIMENT SHALL BE REMOVED FROM THE BASIN AND THOSE AREAS SHALL BE RE-SEEDED.
   E. THE EMBANKMENTS SHALL BE INSPECTED FOR SIGNS OF ERODING, CRACKING, OR FAILING. REPAIR UNDERCUT SOIL AT THE INLET POINTS AND AT THE OUTLET STRUCTURES.
3. VEGETATED SWALE:
   SIGNIFICANCE: THE VEGETATED SWALE IS DESIGNED TO PROMOTE INFILTRATION AND FILTER RUNOFF FROM THE DRAINAGE AREA CONVEYING TO THE SWALE.
   MAINTENANCE: ANNUALLY AND WITHIN TWENTY-FOUR (24) HOURS OF EVERY STORM EVENT GREATER THAN ONE (1") INCH:
   A. INSPECT AND CORRECT EROSION PROBLEMS, DAMAGE TO VEGETATION, AND SEDIMENT/DEBRIS ACCUMULATION (ADDRESS WHEN GREATER THAN THREE INCHES (3") AT ANY SPOT OR COVERING VEGETATION).
   B. INSPECT VEGETATION ON SIDE SLOPES FOR EROSION AND FORMATION OF RILLS OR GULLIES. CORRECT AS NEEDED.
   C. INSPECT FOR POOLS OF STANDING WATER. RE-WATER AND DISCHARGE TO AN APPROVED LOCATION AND RESTORE TO DESIGN GRADE.
   D. INSPECT FOR LITTER. REMOVE PRIOR TO MOWING. MOW AND TRIM VEGETATION TO ENSURE SAFETY, AESTHETICS, PROPER SWALE OPERATION, OR TO SUPPRESS WEEDS AND UNDESIRABLE VEGETATION. DISPOSE OF CLIPPINGS IN A COMPOST FACILITY; MOW ONLY WHEN THE SWALE IS DRY TO AVOID RUTTING.
   E. INSPECT FOR UNIFORMITY IN CROSS-SECTION AND LONGITUDINAL SLOPE; CORRECT AS NEEDED.
   F. INSPECT SWALE INLET (CURB CUTS) AND THE OUTLET FOR SIGNS OF EROSION OR BLOCKAGE; CORRECT AS NEEDED.
   MAINTENANCE ACTIVITIES TO BE DONE AS NEEDED:
   A. PLANT ALTERNATIVE GRASS SPECIES IN THE EVENT OF UNSUCCESSFUL ESTABLISHMENT.
   B. RESEED BARE AREAS. INSTALL APPROPRIATE EROSION CONTROL MEASURES WHEN NATIVE SOIL IS EXPOSED OR EROSION CHANNELS ARE FORMED.
   C. REROTILL AND REPLANT SWALE IF DRAW DOWN TIME IS MORE THAN FORTY-EIGHT (48) HOURS.
   D. INSPECT AND CORRECT CHECK DAMS WHEN SIGNS OF ALTERED WATER FLOW (CHANNELIZATION, OBSTRUCTIONS, EROSION, ETC.) ARE IDENTIFIED.
   E. WATER DURING DRY PERIODS, FERTILIZE, AND APPLY PESTICIDE ONLY WHEN ABSOLUTELY NECESSARY.
   WINTER MAINTENANCE CONCERNS:
   A. INSPECT SWALE ANNUALLY AFTER THE SPRING MELT. REMOVE RESIDUALS (E.G. SAND) AND REPLACE DAMAGED VEGETATION WITHOUT DISTURBING HEALTHY VEGETATION.
   B. RESEED IF ROADSIDE OR PARKING LOT RUNOFF IS DIRECTED TO THE SWALE. MULCHING AND/OR SOIL AERATION/MANIPULATION MAY BE REQUIRED IN THE SPRING TO RESTORE SOIL STRUCTURE AND MOISTURE CAPACITY AND TO REDUCE THE IMPACTS OF ONGOING ADDITIONS.
   C. USE NON-TOXIC, ORGANIC DEICING AGENTS, APPLIED EITHER AS BLENDED, MAGNESIUM CHLORIDE-BASED LIQUID PRODUCTS OR AS PRETREATED SALT.
   D. USE SALT-TOLERANT VEGETATION IN SWALES.
4. STREET SWEEPING:
   SIGNIFICANCE: THE INTENT OF THIS BMP IS TO REDUCE THE AMOUNT OF POLLUTANTS ENTERING THE STORM SEWER CONVEYANCE SYSTEM.
   MAINTENANCE: A. SHALL BE CONDUCTED ON A QUARTERLY BASIS.
5. SNOUT OIL AND DEBRIS STOPS:
   SIGNIFICANCE: THE INTENT OF THIS BMP IS TO IMPROVE WATER QUALITY BY SEPARATING GRIT, FLOATABLES AND OIL FROM THE RUNOFF.
   MAINTENANCE: A. MONTHLY MONITORING FOR THE FIRST YEAR OF A NEW INSTALLATION AFTER THE SITE HAS BEEN STABILIZED.
   B. MEASUREMENTS SHOULD BE TAKEN AFTER EACH RAIN EVENT OF 0.5 INCHES OR MORE, OR MONTHLY AS DETERMINED BY LOCAL MUNICIPAL CONDITIONS.
   C. CHECKING SEDIMENT DEPTH AND NOTING THE SURFACE POLLUTANTS IN THE STRUCTURE WILL BE HELPFUL IN PLANNING MAINTENANCE.
   D. THE POLLUTANTS COLLECTED IN SNOUT-EQUIPPED STRUCTURES WILL CONSIST OF FLOATABLE DEBRIS AND OILS ON THE SURFACE OF THE CAPTURED WATER, AND GRIT AND SEDIMENT ON THE BOTTOM OF THE STRUCTURE.
   E. IT IS BEST TO SCHEDULE MAINTENANCE BASED ON THE SOLIDS COLLECTED IN THE SUMP. OPTIMALLY, THE STRUCTURE SHOULD BE CLEANED WHEN THE SUMP IS HALF FULL.
   F. STRUCTURES SHOULD ALSO BE CLEANED IF A SPILL OR OTHER INCIDENT CAUSES A LARGER THAN NORMAL ACCUMULATION OF POLLUTANTS IN A STRUCTURE.
   G. MAINTENANCE IS BEST DONE WITH A VACUUM TRUCK. ALL COLLECTED WASTES MUST BE HANDLED AND DISPOSED OF ACCORDING TO LOCAL, ENVIRONMENTAL REQUIREMENTS.
   H. TO MAINTAIN THE SNOUT HOODS THEMSELVES, AN ANNUAL INSPECTION OF THE ANTI-SIPHON VENT AND ACCESS HATCH ARE RECOMMENDED. A SIMPLE FLUSHING OF THE VENT OR GENTLE ROCKING WITH A FLEXIBLE WIRE ARE ALL THAT'S TYPICALLY NEEDED TO MAINTAIN THE ANTI-SIPHON PROPERTIES. OPENING AND CLOSING THE ACCESS HATCH ONCE A YEAR ENSURES A LIFETIME OF TROUBLE-FREE SERVICE.

SEEDING TYPES AND APPLICATION RATES:

1. TEMPORARY SEEDING (STABILIZATION DURING CONSTRUCTION):
   A. SEED @ 40 LBS/ACRE:
      (1) ANNUAL RYEGRASS - 100%
   B. STRAW MULCH @ 3 TONS/ACRE
   C. PERIOD: MARCH 15 TO OCTOBER 15
2. PERMANENT SEEDING (GRASS LAWN AREAS):
   A. SEED @ 102 LBS/ACRE:
      (1) KENTUCKY BLUEGRASS - 50%
      (2) CREEPING RED OR CHEWINGS FESCUE - 30%
      (3) PERENNIAL RYEGRASS - 20%
   B. AGRICULTURAL LIME @ 2 TONS/ACRE
   C. COMMERCIAL FERTILIZER (10-20-20) @ 600 LBS/ACRE
   D. SLOW RELEASE NITROGEN FERTILIZER (38-0-0) @ 240 LBS/ACRE
   E. STRAW MULCH @ 3 TONS/ACRE
   F. PERIOD: MARCH 15 TO JUNE 1
      AUGUST 1 TO OCTOBER 15
3. PERMANENT SEEDING (GRASS SWALE & BASIN AREAS, UNLESS NOTED OTHERWISE ON PLANS):
   A. SEED @ 102 LBS/ACRE:
      (1) TALL FESCUE - 70%
      (2) CREEPING RED OR CHEWINGS FESCUE - 30%
   B. AGRICULTURAL LIME @ 2 TONS/ACRE
   C. COMMERCIAL FERTILIZER (10-20-20) @ 600 LBS/ACRE
   D. SLOW RELEASE NITROGEN FERTILIZER (38-0-0) @ 240 LBS/ACRE
   E. STRAW MULCH @ 3 TONS/ACRE
   F. PERIOD: MARCH 15 TO JUNE 1
      AUGUST 1 TO OCTOBER 15
4. STABILIZATION SEEDING (GRASS AREAS, UNLESS NOTED OTHERWISE ON LANDSCAPE PLANS):
   A. SEED @ 136 LBS/ACRE:
      (1) HARD FESCUE MIXTURE - 35%
      (2) CREEPING RED FESCUE - 30%
      (3) PERENNIAL RYEGRASS - 35%
   B. AGRICULTURAL LIME @ 2 TONS/ACRE
   C. COMMERCIAL FERTILIZER (10-20-20) @ 680 LBS/ACRE
   D. SLOW RELEASE NITROGEN FERTILIZER (38-0-0) @ 240 LBS/ACRE
   E. STRAW MULCH @ 3 TONS/ACRE
   F. PERIOD: MARCH 15 TO JUNE 1
      AUGUST 1 TO OCTOBER 15

NOTES:
1. TEMPORARY MULCH SHALL BE STABILIZED BY CRIMPING, TACKING, OR NETTING AS APPROPRIATE.
2. ALL TEMPORARY STABILIZATION WILL BE PERIODICALLY INSPECTED FOR PROPER GROWTH. ANY AREAS NOT RESPONDING WILL BE HAND RESEEDED.
3. AREAS THAT SHOW SIGNS OF EROSION PRIOR TO STABILIZATION SHALL BE DRAGGED, RESEEDED, AND REMULCHED AS SOON AS POSSIBLE.

BENCHMARK:
Control Cut On The Northeast Corner Of Concrete Headwall Located On The Southwest Side Of Louise Dr. At Its Intersection With Ritter Dr. At Motor Inn Elevation = 432.84

APPLICANT / DEVELOPER

HIGH HOTELS LTD (c/o THOMAS D. SMITHGALL)
1853 WILLIAM PENN WAY
LANCASTER, PA 17601
TELEPHONE: (717) 293-4403

AREA OF DISTURBANCE:

4.41 ACRES / 191,923 S.F.

GRAPHIC SCALE
30 0 25 50 100
(IN FEET)
1 inch = 50 ft.

PENNSYLVANIA LAW REQUIRES THREE WORKING DAYS NOTICE PRIOR TO EARTHMOVING ACTIVITIES
PA. ONE CALL SYSTEM
SERIAL No. 20130652166

TIMOTHY P. DeWIRE, P.E., NCP
PROJECT MANAGER

j. michael brill & ASSOCIATES, INC.
consulting engineers
P (717) 691-0500 F (717) 691-7024 e JMBrill@MichaelBrill.com
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REVISIONS

"ROSSMOYNE BUSINESS CENTER HOTEL"
POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
FOR: HIGH HOTELS LTD (c/o THOMAS D. SMITHGALL)
1853 WILLIAM PENN WAY
LANCASTER, PA 17601
TELEPHONE: (717) 293-4403
LOWER ALLEN TOWNSHIP — CUMBERLAND COUNTY, PA

SCALE:	DESIGN BY:	DRAWN BY:	CHECKED BY:	DATE:
HORIZONTAL 1" = 50'	A.T.S.	J.R.J.	T.P.D.	APRIL 22, 2013
VERTICAL ----	JOB No. 743-1	CLIENT No. 104		

5 OF 12

N:\Land Projects\743-1\Eng\LD PLANS\743-1-LD-H-PCSM.dwg, 4/23/2013 2:48:09 PM, jeremiah

MAINTENANCE OF PERMANENT CONTROL STRUCTURES:

1. STORM INLETS: SCHEDULE MONTHLY AND DURING STORM SEWER INLETS ON A QUARTERLY BASIS.
2. INFILTRATION / DETENTION BASIN (BM-1)
   DISPOSITION: THE BASIN IS DESIGNED TO RECEIVE THE RUNOFF OF STORMWATER RUNOFF AND TO PROVIDE STORAGE AND INFILTRATION OF THE STORMWATER RUNOFF FROM THE CONTRIBUTING DRAINAGE AREA.
   CRITICAL STAGES OF INSTALLATION:
   1. THE INFILTRATION AREA (DISPOSAL BASIN) SHALL NOT BE CONSTRUCTED AND SHALL BE THE LAST STRUCTURE OF THE SYSTEM OF THE CONSTRUCTION.
   2. THE 2x2 - #57 STONE SHALL BE INSTALLED PER THE DETAILS LOCATED ON SHEET 19.
   MAINTENANCE:
   1. THE INFILTRATION / DETENTION BASIN SHALL BE INSPECTED AFTER AND INSPECTED FOR EVERY MAJOR STORM EVENT AND CLEANED AS NEEDED. THE BASIN SHALL BE INSPECTED FOR DEBRIS ON A QUARTERLY BASIS.
   2. ALL STORM STRUCTURES SHALL BE INSPECTED ON THE BASIN BOTTOM, OUTLET STRUCTURE AND BASIN AREA AND REMOVED OF ANY DEBRIS, SEDIMENT ACCUMULATION.
   3. ALL STORM DEBRIS BE REMOVED FROM THE BASIN AND BASIN AREAS SHALL BE RE-SEEDED AS NECESSARY.
   4. THE GROUNDWATER WELL OR PIEZOMETER FOR DEPTH OF STORAGE, FREQUENCY OF FILLING AND DRAWDOWN SHALL BE INSPECTED AT LEAST ON A QUARTERLY BASIS.
3. VEGETATED SWALE
   DISPOSITION: THE VEGETATED SWALE IS DESIGNED TO REDUCE INFILTRATION AND FILTER RUNOFF FROM THE DRAINAGE AREA CONTRIBUTING TO THE SWALE.
   MAINTENANCE: SWALES ARE OFTEN TO MOWED OR EVERY STORM EVENT GREATER THAN ONE INCH
   1. INSPECT AND CORRECT EROSION PROBLEMS, DAMAGE TO VEGETATION, AND SEDIMENT/DEBRIS ACCUMULATION (SEDIMENT WHEN GREATER THAN THREE INCHES (3") AT ANY SPOT OF CONTINUE DEPOSITION).
   2. INSPECT VEGETATION ON SIDE SLOPES FOR EROSION AND FORMATION OF RILLS OR GULLIES. REPAIRED AS NEEDED.
   3. INSPECT FOR PONDS OF STANDING WATER, RE-WATER AND DISCOURAGE TO AN APPROVED METHOD AND RESPOND TO DESIGN SWALE.
   4. INSPECT FOR CLOGGED, FAILURE PRONE TO DESIGN, NOT PER THE MODIFICATION TO ENSURE PROPER, OPTIMUM SWALE DESIGN AND PERFORMANCE. REMOVE ANY DEBRIS AND OBSTRUCTIONS, POTENTIAL OF CLOGGING IN A LOCAL DEPRESSED FASHION, THEN ONLY WHEN THE SWALE IS DRY TO AVOID MUDDING.
   5. INSPECT FOR UNIFORMITY IN GRADING/SECTION AND LONGITUDINAL SLOPE. CORRECT AS NEEDED.
   6. INSPECT SWALE INLET (CURB CUTS) AND THE OUTLET FOR SIGNS OF EROSION OR BLOCKAGE. CORRECT AS NEEDED.
   MAINTENANCE ACTIVITIES TO BE DONE AS NEEDED:
   1. PLANT ALTERNATIVE GRASS SPECIES IN THE EVENT OF UNSUCCESSFUL ESTABLISHMENT.
   2. REPAIR ANY ERODED AREAS IMMEDIATELY.
   3. MOW, AS NECESSARY.
   4. REPLANT AND REPLANT SWALE IF GRASS DOWN THAN 95 HOURS.
   5. REPEAT AND CORRECT CHECK DAMS WHEN SIGNS OF ACCRUED WATER FLOW (CHANNELIZATION, EROSION OR SEDIMENT, ETC.) ARE IDENTIFIED.
   6. MOWED DURING DRY PERIODS, FERTILIZE, AND APPLY PESTICIDE ONLY WHEN ABSOLUTELY NECESSARY.
   WATER MAINTENANCE CONCERNS:
   1. REMOVE SWALE IMMEDIATELY AFTER THE STORM AND A MOWER PERFORMED (I.E. SAND) AND DISPOSED OF PROPERLY. DO NOT ALLOW SWALES SEDIMENT ACCUMULATION.
   2. ACCESS OF RUNOFF TO FLOWING INTO SWALE IS DIRECTED TO THE SWALE. THE RUNOFF SHOULD NOT BE ALLOWED TO FLOW AROUND THE SIDES OF THE SWALE, INCREASE EROSION, AND REDUCE EFFECTIVENESS OF THE SWALE.
   3. THE SIDE SLOPES, GROWN GRASSES, BOTTOM, ARMORED ZONES, OF FLOODED, MAINTENANCE ACTIVITIES SHALL BE PERFORMED AS NEEDED.
   4. USE SALT-TOLERANT VEGETATION IN SWALES.
4. INFILTRATION AREA DISCONNECT
   DISPOSITION: THE INTENT OF THE INFILTRATION AREA DISCONNECT IS TO REDUCE THE VOLUME OF STORMWATER RUNOFF WHILE PROVIDING ON-SITE TREATMENT AND POLLUTANT REMOVAL.
   MAINTENANCE: 1. ALL DISCONNECTED AREAS RECEIVING THE DISCONNECT AREA SHALL BE INSPECTED TO ASSURE A SHEET FLOW CONDITION EXISTS. ADDITIONALLY, THE DISCONNECT AREA SHALL BE INSPECTED FOR EROSION AND SEDIMENT DEPOSITION AFTER EACH STORM EVENT UNTIL THE DISCONNECT IS STABILIZED.
5. STREET SWEEPING
   DISPOSITION: THE SWEEPING OF THE ROAD IS TO REDUCE THE AMOUNT OF POLLUTANTS ENTERING THE STORM SEWER SYSTEM.
   MAINTENANCE: 1. SHALL BE CONDUCTED ON A QUARTERLY BASIS.

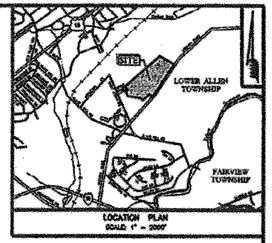
PCSM GENERAL NOTES:

1. THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT POLLUTION CONTROL MEASURES SHOWN ON THE EROSION AND SEDIMENT POLLUTION CONTROL PLAN AND ANY ADDITIONAL MEASURES DEEMED NECESSARY BY THE CONSERVATION DISTRICT OR THE MUNICIPALITY TO PREVENT POLLUTION OF THE WATERS OF THE COMMONWEALTH DURING EARTH DISTURBANCE ACTIVITIES AND UNTIL FINAL STABILIZATION IS ACHIEVED.
2. ALL EXCAVATION AND/OR FILL OPERATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE EROSION AND SEDIMENT POLLUTION CONTROL PLAN AND ANY ADDITIONAL MEASURES DEEMED NECESSARY BY THE CONSERVATION DISTRICT OR THE MUNICIPALITY TO PREVENT POLLUTION OF THE WATERS OF THE COMMONWEALTH DURING EARTH DISTURBANCE ACTIVITIES AND UNTIL FINAL STABILIZATION IS ACHIEVED.
3. THE FACILITY RESPONSIBLE FOR OPERATION MUST NOT OPERATE AND MAINTENANCE OF THE POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) BMPS IN ACCORDANCE WITH THE PCSM PLAN AND THE PERMIT REQUIREMENTS.
4. STREET SWEEPING OF THE PAVED PORTIONS OF THIS SITE IS TO BE CONDUCTED ON A QUARTERLY BASIS.
5. THE GEOTECHNICAL ENGINEER SHOULD REVIEW PLANS AND SPECIFICATIONS PRIOR TO CONSTRUCTION TO VERIFY COMPLIANCE WITH RECOMMENDATIONS AND ASSUMPTIONS MADE DURING THE GEOTECHNICAL EXPLORATION. ANALYSIS AND THEIR APPLICATION AND APPROPRIATE. THE GEOTECHNICAL ENGINEER SHOULD BE RETAINED TO PROVIDE CONSULTATION DURING CONSTRUCTION IN THE EVENT SUBSURFACE CONDITIONS ENCOUNTERED DIFFER FROM THOSE ASSUMED IN THE GEOTECHNICAL EXPLORATION. THE GEOTECHNICAL ENGINEER SHOULD BE RETAINED TO OBSERVE EARTHWORK AND FOUNDATION CONSTRUCTION TO HELP DETERMINE THAT THE MATERIALS AND CONDITIONS ENCOUNTERED ARE CONSISTENT WITH THOSE INDICATED BY THE GEOTECHNICAL EXPLORATION.
6. A STRUCTURAL PROFESSIONAL, GEOLOGIST SHOULD OVERSEE SITE EARTHWORK OPERATIONS, BUILDING PAD AND FOOTING EXCAVATIONS, AND FOUNDATION CONSTRUCTION. THE GEOTECHNICAL ENGINEER SHOULD BE RETAINED TO OBSERVE EARTHWORK AND FOUNDATION CONSTRUCTION TO HELP DETERMINE THAT THE MATERIALS AND CONDITIONS ENCOUNTERED ARE CONSISTENT WITH THOSE INDICATED BY THE GEOTECHNICAL EXPLORATION.

RECOMMENDED SEEDING RATES AND TYPES:

1. TEMPORARY SEEDING (STABILIZATION MIXTURE CONTINUE TO):
   A. SPRING (MAR./APR.) — 100 LBS. PER ACRE
   B. SUMMER (MAY 1 TO AUGUST 15) — 100 LBS. PER ACRE
   C. FALL (AUGUST 15 TO OCTOBER 15) — 100 LBS. PER ACRE
2. PERMANENT SEEDING (BASIN SLOPE ABOVE):
   A. SEED & SOD LEGUMES:
      (1) CROWNVETCH 50 LBS.
      (2) BIRDSFOOT TREFOIL 15 LBS.
      (3) PERENNIAL RYEGRASS — 10 LBS.
   B. SEED & SOD GRASSES:
      (1) TALL FESCUE 40 LBS.
      (2) KENTUCKY BLUEGRASS 20 LBS.
      (3) PERENNIAL RYEGRASS — 10 LBS.
   C. SEED & SOD MIXTURES:
      (1) TALL FESCUE 40 LBS.
      (2) PERENNIAL RYEGRASS — 10 LBS.
      (3) CROWNVETCH 50 LBS.
3. PERMANENT SEEDING (BASIN SLOPE BELOW):
   A. SEED & SOD LEGUMES:
      (1) CROWNVETCH 50 LBS.
      (2) BIRDSFOOT TREFOIL 15 LBS.
      (3) PERENNIAL RYEGRASS — 10 LBS.
   B. SEED & SOD GRASSES:
      (1) TALL FESCUE 40 LBS.
      (2) KENTUCKY BLUEGRASS 20 LBS.
      (3) PERENNIAL RYEGRASS — 10 LBS.
   C. SEED & SOD MIXTURES:
      (1) TALL FESCUE 40 LBS.
      (2) PERENNIAL RYEGRASS — 10 LBS.
      (3) CROWNVETCH 50 LBS.
4. PERMANENT SEEDING (BASIN AREAS UNLESS NOTED OTHERWISE ON PLANS):
   A. SEED & SOD LEGUMES:
      (1) CROWNVETCH 50 LBS.
      (2) BIRDSFOOT TREFOIL 15 LBS.
      (3) PERENNIAL RYEGRASS — 10 LBS.
   B. SEED & SOD GRASSES:
      (1) TALL FESCUE 40 LBS.
      (2) KENTUCKY BLUEGRASS 20 LBS.
      (3) PERENNIAL RYEGRASS — 10 LBS.
   C. SEED & SOD MIXTURES:
      (1) TALL FESCUE 40 LBS.
      (2) PERENNIAL RYEGRASS — 10 LBS.
      (3) CROWNVETCH 50 LBS.
5. STABILIZATION MATERIALS (BASIN AREAS — MULCHING, SUPPLEMENTAL & PERMANENT SEEDING AREAS, UNLESS NOTED OTHERWISE):
   A. SEED & SOD LEGUMES:
      (1) CROWNVETCH 50 LBS.
      (2) BIRDSFOOT TREFOIL 15 LBS.
      (3) PERENNIAL RYEGRASS — 10 LBS.
   B. SEED & SOD GRASSES:
      (1) TALL FESCUE 40 LBS.
      (2) KENTUCKY BLUEGRASS 20 LBS.
      (3) PERENNIAL RYEGRASS — 10 LBS.
   C. SEED & SOD MIXTURES:
      (1) TALL FESCUE 40 LBS.
      (2) PERENNIAL RYEGRASS — 10 LBS.
      (3) CROWNVETCH 50 LBS.

NOTES:
1. MULCH MATERIAL SHALL BE STRAW USED BY GRAINING, TACKING OR NETTING MATERIAL.
2. MULCHING STABILIZATION WILL BE IMMEDIATELY APPLIED TO ALL DISTURBED AREAS NOT RECEIVING SEED OR PERMANENT SEEDING.
3. AREAS THAT SHOW SIGNS OF EROSION PRIOR TO STABILIZATION SHALL BE GRADED, RESEEDED, AND REMULCHED AS SOON AS POSSIBLE.



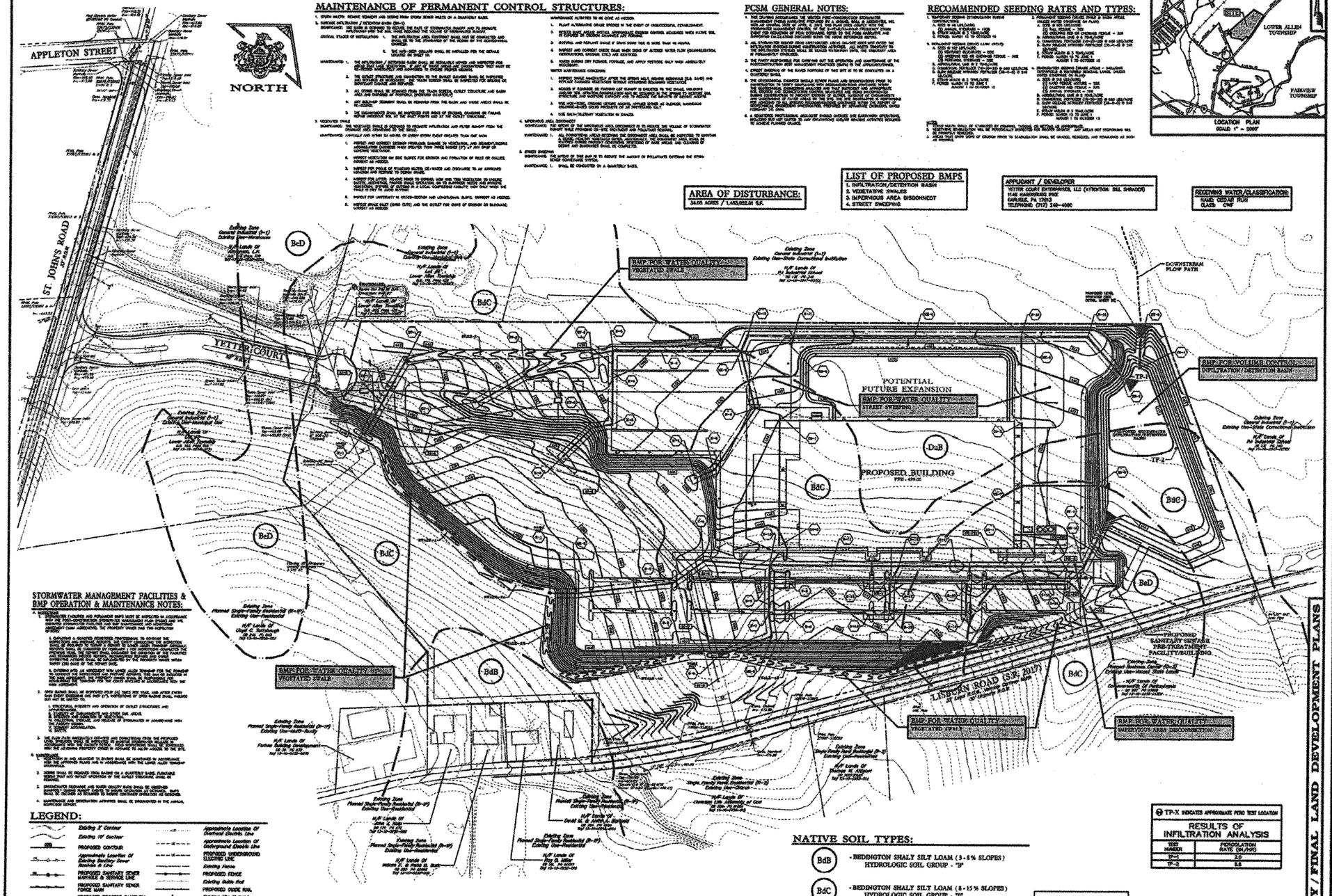
LOCATION PLAN
SCALE 1" = 2000'

AREA OF DISTURBANCE:
34.05 ACRES / 1,483,622.8 S.F.

LIST OF PROPOSED BMPS
1. INFILTRATION/DETENTION BASIN
2. VEGETATIVE SWALES
3. IMPERVIOUS AREA DISCONNECT
4. STREET SWEEPING

APPLICANT / DEVELOPER
YETTER COUNTY ENTERPRISES, LLC (ATTENTION: BILL SHRADER)
1148 HARRISBURG PIKE
CARLISLE, PA 17013
TELEPHONE: (717) 249-4000

RECEIVING WATER/CLASSIFICATION:
HAND CEDAR RUN
CLASS: CWF



STORMWATER MANAGEMENT FACILITIES & BMP OPERATION & MAINTENANCE NOTES:

1. INSPECTION
   STORMWATER FACILITIES AND BMP'S SHALL BE INSPECTED IN ACCORDANCE WITH THE POST-CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM) AND THE MAINTENANCE AGREEMENT. THE FOLLOWING ITEMS SHALL BE INSPECTED BY THE PROPERTY OWNER:
   1. CONTAINS A SIGNED STATEMENT CERTIFYING TO OWNERS' THE INSPECTION SHALL BE MADE BY A QUALIFIED PROFESSIONAL TO VERIFY THAT THE BMP'S ARE FUNCTIONING AS DESIGNED AND THAT THERE IS NO EVIDENCE OF EROSION, SEDIMENT POLLUTION OR OTHER PROBLEMS WITHIN THE DRAINAGE AREA. THE INSPECTION SHALL BE PERFORMED AT LEAST ONCE EVERY THREE (3) YEARS AND WITHIN TWENTY (20) DAYS OF THE REPORT DATE.
   2. A CERTIFICATION STATEMENT THAT STATES THAT THE OWNER HAS PERFORMED ALL OF THE REQUIRED MAINTENANCE ACTIVITIES AND SCHEDULED INSPECTIONS AND THAT THE BMP'S ARE FUNCTIONING AS DESIGNED AND ARE NOT A DANGER. THE CERTIFICATION SHALL BE SUBMITTED TO THE MUNICIPALITY WITHIN TWENTY (20) DAYS OF THE REPORT DATE.
   3. A BUILDING AND USE AGREEMENT WITH SIGNED VALID PERMIT FOR THE STORMWATER BMP'S AND ANY ASSOCIATED BMP'S LOCATED ON THE PROPERTY. THE BMP'S SHALL BE INSPECTED BY THE PROPERTY OWNER AT LEAST ONCE EVERY THREE (3) YEARS FOR THE FIRST FIFTEEN (15) YEARS AFTER THE PERMIT TERMINATION OF THE PERMIT.
   4. THE GOVERNMENT SHALL BE PROVIDED FOR RIGHT OF ENTRY, PASSAGE OR FILING FOR INSPECTIONS AND SHALL NOTIFY IN WRITING OF ANY VIOLATIONS FOUND.
2. STORM SEWERS SHALL BE INSPECTED FOUR (4) TIMES PER YEAR, AND AFTER EVERY RAIN EVENT EXCEEDING ONE INCH (1"). INSPECTIONS OF STORM SEWERS SHALL PROVIDE BUT NOT BE LIMITED TO:
   1. STRUCTURAL INTEGRITY AND OPERATION OF OUTLET STRUCTURES AND APPURTENANCES.
   2. CONDITION OF ENDWALLS AND APRON AREAS.
   3. CONDITION OF RIP-RAP AREAS.
   4. VALVING, PUMPING, AND RELEASE OF STORMWATER IN ACCORDANCE WITH THE PERMIT DESIGN.
   5. SEDIMENT ACCUMULATION.
3. THE BASIN SHALL IMMEDIATELY CEASE ANY DISPOSITION FROM THE PROPERTY CONTRIBUTING TO THE FACILITY AREA. ANY DISPOSITION SHALL BE CONTROLLED WITH THE APPROVED PLANS AND IN ACCORDANCE WITH THE LOWER ALLEN TOWNSHIP SPECIFICATIONS.
4. MAINTENANCE
   1. INSPECTIONS IN AND CHANGES TO BASINS SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE APPROVED PLANS AND IN ACCORDANCE WITH THE LOWER ALLEN TOWNSHIP SPECIFICATIONS.
   2. BASINS SHALL BE INSPECTED VISUALLY BASED ON A QUARTERLY BASIS (CONSIDERED SEASONAL) BUT NOT LIMITED OPERATION OF THE OUTLET STRUCTURE SHALL BE INSPECTED.
   3. SEDIMENTATION REMOVAL AND WATER QUALITY MAPS SHALL BE ASSESSED QUARTERLY. SEDIMENT REMOVED FROM THE BASIN SHALL BE DISPOSED OF AS NEEDED. SEDIMENT SHALL BE REMOVED TO MAINTAIN DESIGNED OPERATION AT ALL TIMES.
   4. MAINTENANCE AND DOCUMENTATION ACTIVITIES SHALL BE ORGANIZED IN THE ANNUAL REPORT AND SUBMITTED.

LEGEND:

	Existing 5' Contour		Approximate Location Of Perimeter Controls Line
	Existing 10' Contour		Approximate Location Of Underground Electric Line
100	PROPOSED CONTOUR		PROPOSED UNDERGROUND ELECTRIC LINE
	Approximate Location Of Existing Sanitary Sewer Manhole & Line		Existing Fence
	PROPOSED SANITARY SEWER MANHOLE & SERVICE LINE		PROPOSED FENCE
	PROPOSED SANITARY SEWER FORCE MAIN		Existing Guide Rail
	PROPOSED PRIVATE SANITARY SEWER LINE (IF NECESSARY)		PROPOSED GUIDE RAIL
	Approximate Location Of Existing Storm Inlet & Pipe		Existing Fire Hydrant
	PROPOSED STORM SEWER INLET & LINE		PROPOSED FIRE HYDRANT
	Approximate Location Of Existing Utility Pole		Existing Utility Pole
	PROPOSED UTILITY POLE
	Existing Light Pole
	PROPOSED LIGHT POLE
	Existing Water Line		Existing Sign
	PROPOSED WATER SERVICE		PROPOSED SIGN
	Approximate Location Of Existing Gas Line		Existing Spot Elevation
	PROPOSED GAS SERVICE		PROPOSED SPOT ELEVATION

TP-X INDICATES APPROXIMATE PERC TEST LOCATION

RESULTS OF INFILTRATION ANALYSIS

TEST NUMBER	PERCOLATION RATE (IN/HR)
TP-1	2.0
TP-2	8.6

NATIVE SOIL TYPES:

- BdB - BEDDINGTON SHALY SILT LOAM (3 - 8% SLOPES) HYDROLOGIC SOIL GROUP - "B"
- BdC - BEDDINGTON SHALY SILT LOAM (8 - 15% SLOPES) HYDROLOGIC SOIL GROUP - "B"
- BeD - BERKS SHALY SILT LOAM (15 - 25% SLOPES) HYDROLOGIC SOIL GROUP - "B" (MAY HAVE AREAS OF DEPTH TO BEDROCK OF LESS THAN 3 FEET - 20 TO 40 INCHES)
- DuB - DUFFIELD SILT LOAM (3 - 8% SLOPES) HYDROLOGIC SOIL GROUP - "B"

BENCHMARK:
Square Cut Top Of Curb Located At The Northeast Corner Of Yetter Court
Elevation: 440.07

GRAPHIC SCALE
80 0 40 80 160
(IN FEET)
1 inch = 80 ft.

REVISIONS:
1) 1-10-2022: THIS SHEET TO PLAN SET (LAU)
2) 1-31-2022: REVISED PER PSM COMMENTS (LAU)
3) 2-14-2022: REVISED PER SITE & GRADING/UTILITIES PLAN COMMENTS (LAU)
4) 3-14-2022: REVISED PER PSM COMMENTS INTRODUCTION (LAU)
5) 4-19-2022: REVISED PER CONSOLIDATED PLAN
   1. ADDED NEW SHEETS
   2. REVISED STORMWATER MANAGEMENT FACILITIES & BMP DATA NOTES (JTS)

PA ONE CALL SERVICE

TIMOTHY PAUL BOWEN — 019451 — COMMONWEALTH OF PENNSYLVANIA — REGISTERED PROFESSIONAL ENGINEER

TIMOTHY P. BOWEN, P.E., PP — PROJECT MANAGER

PRELIMINARY / FINAL LAND DEVELOPMENT PLANS

"SUPPLY CHAIN FACILITY @ YETTER COURT"
POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
PARCEL ID: 38-22-0009-000
1148 HARRISBURG PIKE
CARLISLE, PA 17013
TELEPHONE: (717) 249-4000
LOWER ALLEN TOWNSHIP — CUMBERLAND COUNTY, PA

SCALE: HORIZONTAL	VERTICAL	CERT. No.	JOB No.	DESIGN BY	DRAWN BY	CHECKED BY	PLOT DATE
1" = 80'	—	—	19371	T.P.B.	B.M.S.	B.C.K.	APRIL 5, 2022

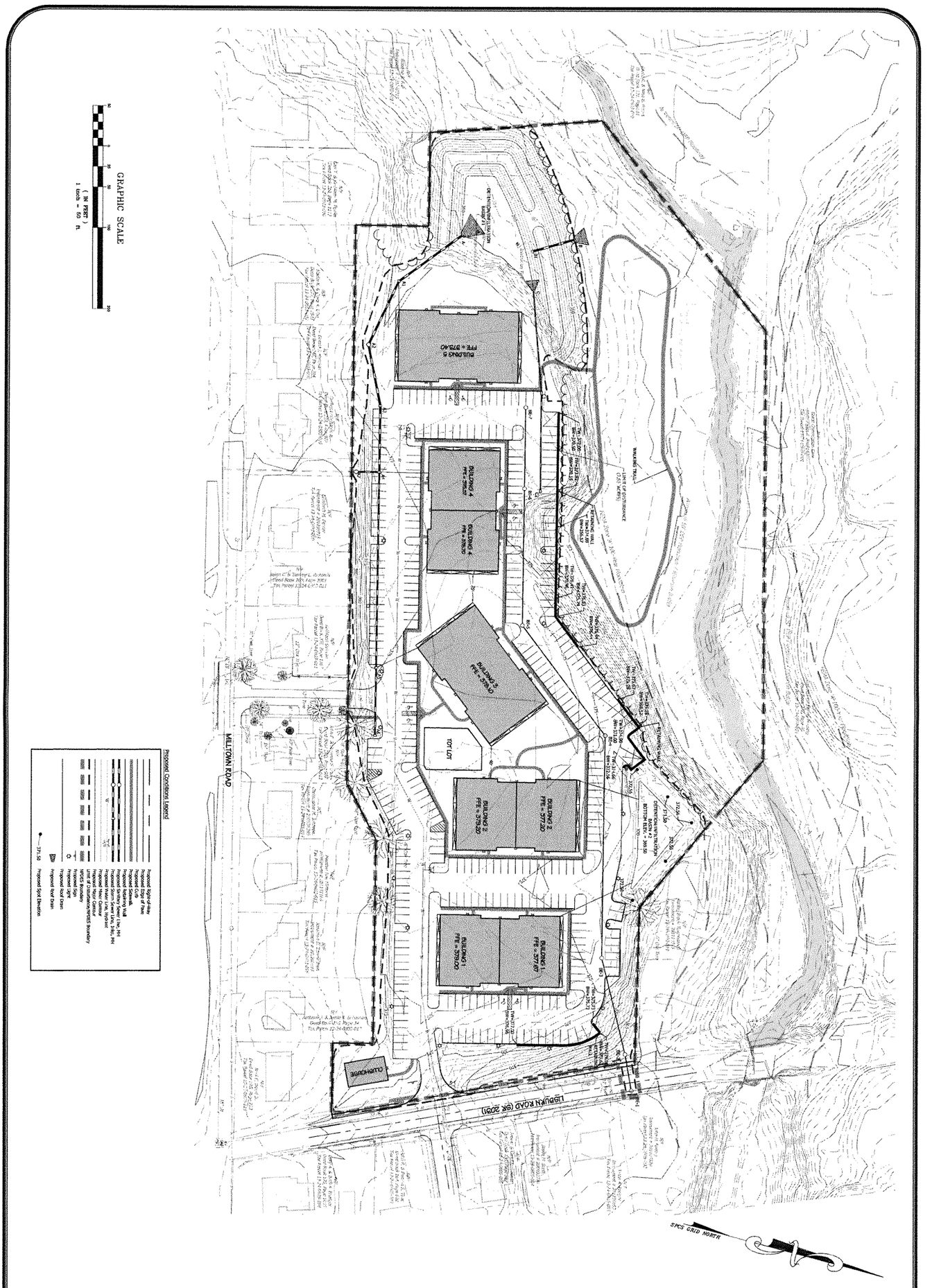
j. michael brill & ASSOCIATES, INC.
consulting engineers
P. (717) 691-0500 F. (717) 691-0505
BOARD CERTIFIED, BOARD, SUITE 300C, HARRISBURG, PA 17110

SUPPLY CHAIN FACILITY

9 OF 21

REVISIONS
1) 1-10-2022: THIS SHEET TO PLAN SET (LAU)
2) 1-31-2022: REVISED PER PSM COMMENTS (LAU)
3) 2-14-2022: REVISED PER SITE & GRADING/UTILITIES PLAN COMMENTS (LAU)
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GRADING & PCSM PLAN

FOR

BROOKS EDGE

LOCATED IN

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PA

FISHER & Associates, Inc.

R. J. FISHER & ASSOCIATES, INC.

○ SITE PLANNING ○ CIVIL ENGINEERING ○ LAND SURVEYS

1546 BRIDGE STREET, NEW CUMBERLAND, PA. 17070

PHONE: (717) 774-7534 FAX: (717) 774-7190

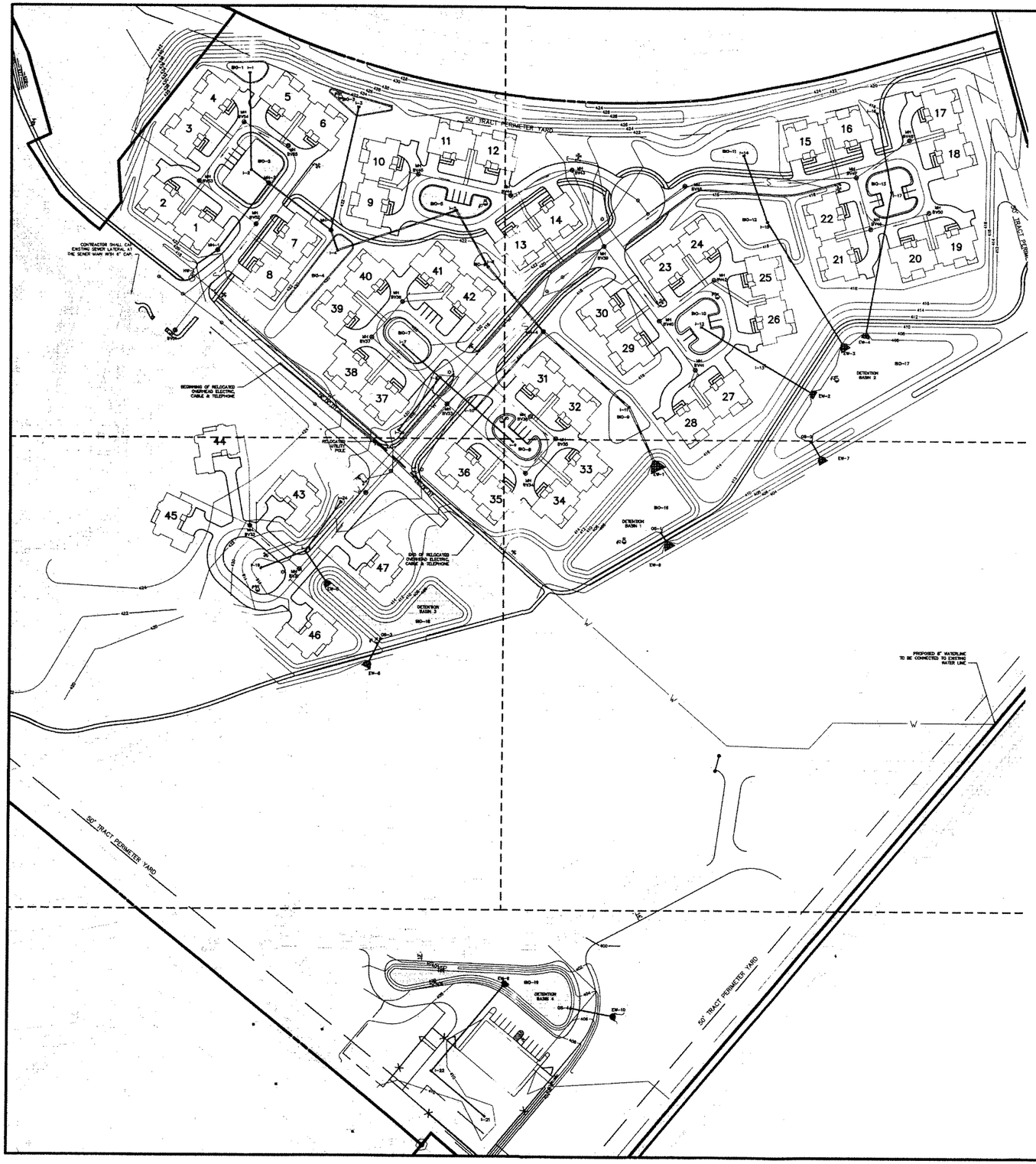
WWW.RJFISHERENGINEERING.COM

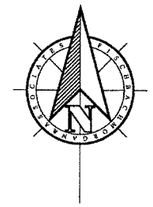
No.	REVISION	DATE
1	-----	----
2	-----	----
3	-----	----
4	-----	----

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DRAWING ID: 12-0-PCSM

DATE: 9/16/2013





GRAPHIC SCALE

100 50 0 100

(IN FEET)
1 inch = 100 ft.

SOILS LEGEND

DuA: DUFFIELD SILT LOAM, 0-3% SLOPES
DuB: DUFFIELD SILT LOAM, 3-8% SLOPES
HaB: HAGERSTOWN SILT LOAM, 3-8% SLOPES
HdB: HAGERSTOWN ROCK OUTCROP COMPLEX, 0-8% SLOPES
HdD: HAGERSTOWN ROCK OUTCROP COMPLEX, 8-25% SLOPES

LEGEND

EXISTING CURB
EXISTING CONTOUR LINE
EXISTING RIGHT-OF-WAY LINE
LOT LINE
EXISTING EASEMENT LINE
EXISTING STREAM CENTERLINE
EXISTING 100-YR. FLOODPLAIN
EXISTING VEGETATION — DECIDUOUS TREE; EVERGREEN TREE
EXISTING TREELINE
EXISTING UTILITY POLE
EXISTING OVERHEAD TELEPHONE LINE
EXISTING UNDERGROUND TELEPHONE LINE
EXISTING OVERHEAD ELECTRIC LINE
EXISTING WELL
EXISTING WATER VALVE
EXISTING FIRE HYDRANT
EXISTING WATER LINE
EXISTING SANITARY SEWER MANHOLE
EXISTING SANITARY SEWER LINE
EXISTING GAS LINE
EXISTING GAS VALVE
EXISTING STORM MANHOLE
EXISTING STORM INLET
EXISTING STORM PIPE
EXISTING STORM HEADWALL/ENDWALL
PROPOSED STORM HEADWALL/ENDWALL
PROPOSED STORM STRUCTURE LABEL — I-1 INLET; EW-1 ENDWALL; MH-1 STORM MANHOLE; HW-1 HEADWALL
PROPOSED STORM PIPE
PROPOSED CONTOUR LINE — 350
PROPOSED SPOT ELEVATION — +350.25
PROPOSED FINISHED FLOOR ELEVATION — F.E.=422.00
PROPOSED CURB
PROPOSED 100-YR. FLOODPLAIN
PROPOSED FENCE
PROPOSED STORM MANHOLE
PROPOSED STORM INLET
PROPOSED BITUM. TRAIL
PROPOSED SANITARY MANHOLE LABEL — MH BV46
PROPOSED SANITARY SEWER MANHOLE
PROPOSED WATER LINE — W
PROPOSED SANITARY SEWER LINE — S
PERC TEST LOCATION — #1 PT
DIRECTION OF FLOW

SANITARY SEWER CONNECTION (BV14 AND BV45) NOTES:
1. EXISTING SANITARY SEWER MANHOLES SHALL BE CORED ABOVE BENCH FOR PIPE CONNECTION.
2. A PIPE BOOT SHALL BE INSTALLED TO PROVIDE A WATER TIGHT SEAL.
3. A NEW FLOW CHANNEL SHALL BE FORMED ON THE BENCH.

FISCHBACH MORGAN & ASSOCIATES, LLC.

F M A

1 KACEY COURT, SUITE 201
MECHANICSBURG, PA 17055
PHONE 717 795 9393 FAX 717 795 9494

LANDSCAPE ARCHITECTURE | CIVIL ENGINEERING

SEAL:

CLIENT:
WESLEY AFFILIATED SERVICES, INC.
325 WESLEY DRIVE
SUITE 200
MECHANICSBURG, PA 17055
CONTACT:
LARRY STRAWSER
717.766.3120

FIRST ISSUE DATE:
09/18/06

DRAWN BY: CSN
CHECKED BY: BLF

REVISION LOG:

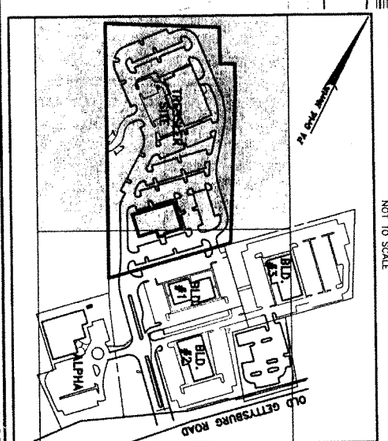
DATE	NO.	REVISED
10/17/06	1	AS PER TOWNSHIP COMMENTS
11/01/06	2	AS PER TOWNSHIP COMMENTS
11/09/06	3	AS PER TOWNSHIP COMMENTS
11/20/06	4	AS PER TOWNSHIP COMMENTS
12/27/06	5	AS PER TOWNSHIP COMMENTS

PROJECT NAME:
BETHANY VILLAGE WEST COTTAGES AND SEMI-DETACHED UNITS PROJECT

MUNICIPALITY:
LOWER ALLEN TOWNSHIP
COUNTY:
CUMBERLAND COUNTY

PLAN TYPE:
FINAL LAND DEVELOPMENT PLAN
DRAWING NAME:
PROJECT AREA GRADING AND UTILITY PLAN
PROJECT NUMBER:
06018.FMA
SHEET:
LD-04.01





KEY MAP
NOT TO SCALE

LEGEND

- PROPOSED 1-FOOT CONTOUR LINE
- PROPOSED 5-FOOT CONTOUR LINE
- PROPOSED FINISHED FLOOR ELEVATION
- PROPOSED SPOT ELEVATION
- PROPOSED MANHOLE
- PROPOSED YARD DRAIN
- PROPOSED TYPE "C" OR "M" INLET
- PROPOSED ENDWALL
- PROPOSED FLARED END SECTION
- PROPOSED INFILTRATION TRENCH

NOT FOR CONSTRUCTION/NOT FOR BIDDING

GRADING PLAN
FINAL LAND DEVELOPMENT PLAN
FOR
NEW OFFICE BUILDING AT
TRESSLER LUTHERAN SITE
LOWER ALLEN TOWNSHIP
CUMBERLAND COUNTY, PA

DECEMBER 20, 2004

SHEET NO. 9 OF 35

DWG. NO. 04-02746-002

RETTEW
RETTEW Associates, Inc.
2500 Gettysburg Rd., Suite 100, Camp Hill, PA 17011
Phone (717) 697-3551 · Fax (717) 697-6953
Email: rettew@rettew.com
Website: www.rettew.com
Bethlehem, PA · Lancaster, PA · Pottsville, PA · York, PA
Engineers · Planners · Surveyors · Landscape Architects
Environmental Consultants · IT Consultants

CLIENT
SELECT CAPITAL PROPERITES
C/O JOHN ORTENZIO
4718 OLD GETTYSBURG ROAD
SUITE 405
MECHANICSBURG, PA. 17055
717-972-3820

SCALE
0 25' 50' 1"=50' 100' 150'

MANAGER: JDS	
DESIGN BY: JDS	CHKD BY: JDS
DRAWN BY: ASN	CHKD BY: JDS
SURV. CHIEF:	DATE: 12/20/04
FIELDBOOK NO. DATA COLLECTOR	

FOR RETTEW ASSOCIATES BY:

NO.	DATE	REVISION
2	5/8/05	AS PER TWP. COMMENTS
1	3/11/05	AS PER COMMENTS

LEGEND

- 439 — PROPOSED 1-FOOT CONTOUR LINE
- 440 — PROPOSED 5-FOOT CONTOUR LINE
- FFE=441.00 — PROPOSED FINISHED FLOOR ELEVATION
- + 97 — PROPOSED SPOT ELEVATION
- PROPOSED MANHOLE
- PROPOSED YARD DRAIN
- PROPOSED TYPE "C" OR "M" INLET
- PROPOSED ENDWALL
- PROPOSED FLARED END SECTION
- PROPOSED INFILTRATION TRENCH

KEY MAP

NOT TO SCALE

NO.	DATE	REVISION
1	5/11/05	AS PER TWP. COMMENTS
2	8/8/05	AS PER TWP. COMMENTS

FOR RETTEW ASSOCIATES BY:

MANAGER: JDS
DESIGN BY: JDS — CHKD BY: JDS
DRAWN BY: ASN — CHKD BY: JDS
SURV. CHIEF: — DATE: 12/20/04
FIELDBOOK NO. — DATA COLLECTOR

CLIENT
SELECT CAPITAL PROPERITES
C/O JOHN ORTENZIO
4718 OLD GETTYSBURG ROAD
SUITE 405
MECHANICSBURG, PA. 17055
717-972-3820

SCALE
0 25' 50' 1"=50' 100' 150'

RETTEW™
RETTEW Associates, Inc.
2500 Gettysburg Rd., Suite 100, Camp Hill, PA 17011
Phone: (717) 975-9272 Fax: (717) 975-8852
Email: rettew@rettew.com
Website: www.rettew.com
Offices: Lancaster, PA - Pottsville, PA - York, PA
Engineers / Planners / Surveyors / Landscape Architects
Environmental Consultants / IT Consultants

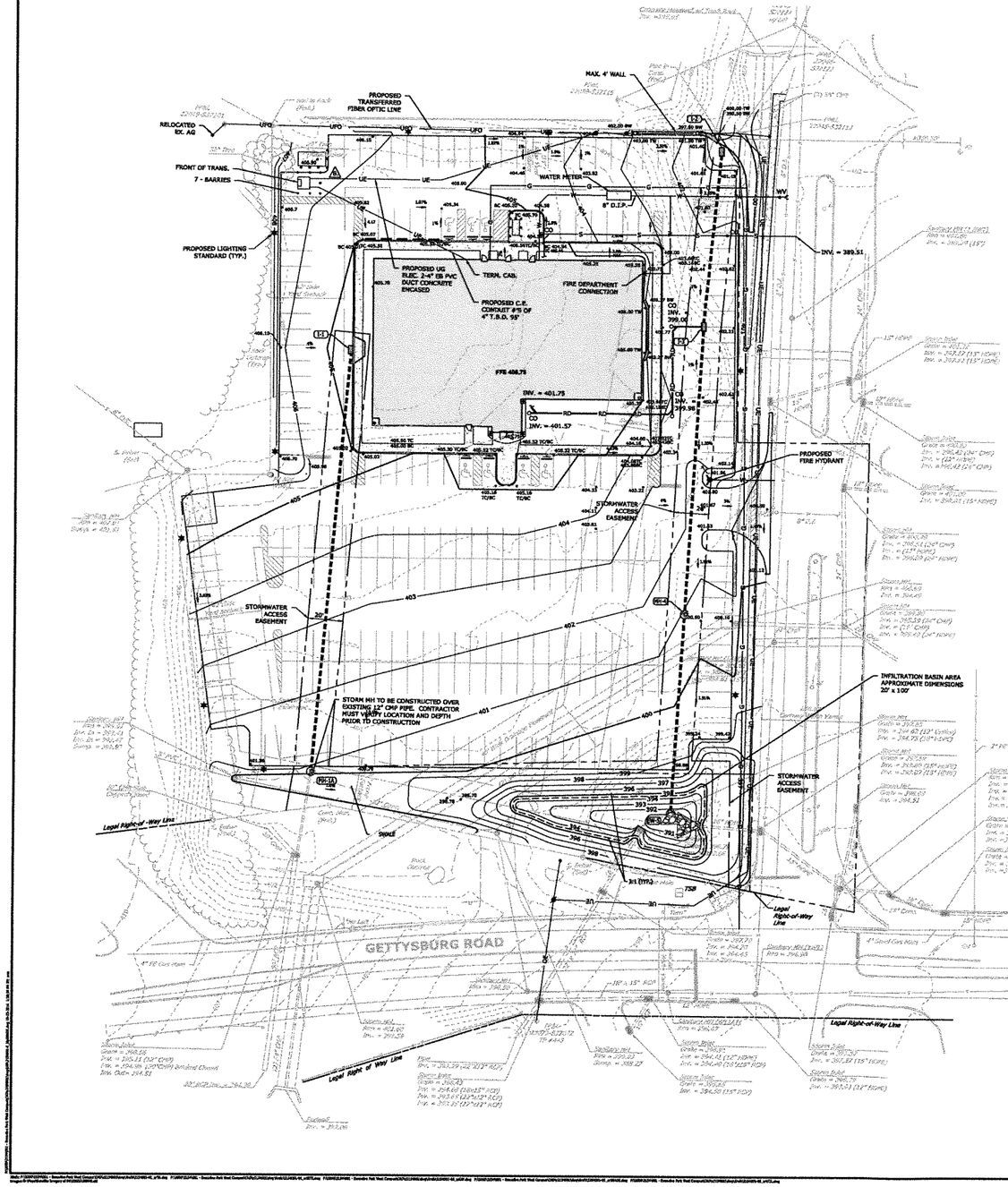
GRADING PLAN
FINAL LAND DEVELOPMENT PLAN
FOR
NEW OFFICE BUILDING AT
TRESSLER
LUTHERAN SITE
LOWER ALLEN TOWNSHIP
CUMBERLAND COUNTY, PA.

DECEMBER 20, 2004

SHEET NO. 10 OF 35

DWG. NO. 04-02746-002

NOT FOR CONSTRUCTION/NOT FOR BIDDING



O&M NOTES

INSPECTIONS:

1. STORMWATER FACILITIES AND PERMANENT BMP'S MUST BE INSPECTED IN ACCORDANCE WITH THIS O&M PLAN. THE PROPERTY OWNER HAS TWO OPTIONS:
   - EMPLOYING A QUALIFIED REGISTERED PROFESSIONAL TO CONDUCT THE INSPECTIONS AND PREPARE REPORTS. THE ENTITY CONDUCTING THE INSPECTION SHALL BE REQUIRED TO SUBMIT A REPORT TO THE MUNICIPALITY ANNUALLY . REPORTS SHALL BE SUBMITTED BY FEBRUARY 1 FOR INSPECTIONS COMPLETED THE PREVIOUS YEAR. THE REPORT SHALL DOCUMENT THE CONDITION OF THE FACILITIES AND RECOMMENDED NEEDED REPAIRS. RECOMMENDED REPAIRS AND OTHER CORRECTIVE ACTIONS SHALL BE IMPLEMENTED BY THE PROPERTY OWNER WITHIN THIRTY DAYS OF THE REPORT DATE.
   - ENTERING INTO AN AGREEMENT WITH THE MUNICIPALITY FOR THE MUNICIPALITY TO CONDUCT INSPECTIONS AND PREPARE REPORTS. THIS CAN BE INCLUDED IN THE STORMWATER FACILITIES AND BEST MANAGEMENT PRACTICES (BMP) MAINTENANCE AND MONITORING AGREEMENT (M & M AGREEMENT). THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR REIMBURSING THE MUNICIPALITY FOR THE COST INVOLVED IN ACCORDANCE WITH THE M & M AGREEMENT.
2. OPEN BASINS SHALL BE INSPECTED FOUR TIMES PER YEAR, AND AFTER EVERY RAIN EVENT EXCEEDING ONE INCH. INSPECTIONS OF OPEN BASINS SHALL INCLUDE BUT NOT BE LIMITED TO:
   - STRUCTURAL INTEGRITY AND OPERATION OF OUTLET STRUCTURES AND APPURTENANCES.
   - STABILITY OF EMBANKMENTS AND OTHER SOIL AREAS.
   - INTEGRITY AND CONDITION OF VEGETATION.
   - COLLECTION, STORAGE AND RELEASE OF STORMWATER IN ACCORDANCE WITH THE FACILITY DESIGN.
   - SEDIMENT ACCUMULATION.
   - SAFETY.
3. SUBSURFACE STORAGE FACILITIES SHALL BE INSPECTED FOUR TIMES PER YEAR, AND AFTER EVERY RAIN EVENT EXCEEDING ONE INCH. INSPECTIONS OF SUBSURFACE STORAGE FACILITIES SHALL INCLUDE BUT NOT LIMITED TO:
   - STRUCTURAL INTEGRITY AND OPERATION OF OUTLET STRUCTURES AND APPURTENANCES.
   - STABILITY OF SOIL OVER AND ADJACENT TO THE FACILITY.
   - COLLECTION, STORAGE AND RELEASE OF STORMWATER IN ACCORDANCE WITH THE FACILITY DESIGN.
   - SEDIMENT ACCUMULATION.
   - SAFETY.

MAINTENANCE:

1. VEGETATION IN AND ADJACENT TO BASINS SHALL BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLAN AND IN ACCORDANCE WITH MUNICIPAL ORDINANCES.
2. DEBRIS SHALL BE REMOVED FROM BASINS ON A QUARTERLY BASIS. FLOATABLE DEBRIS THAT MAY IMPACT OPERATION OF THE OUTLET STRUCTURE SHALL BE REMOVED IMMEDIATELY.
3. GROUNDWATER RECHARGE AND WATER QUALITY BMP'S SHALL BE OBSERVED QUARTERLY DURING RUNOFF EVENTS TO INSURE OPERATION AS DESIGNED.
4. MAINTENANCE AND OBSERVATION ACTIVITIES SHALL BE DOCUMENTED IN THE INSPECTION REPORT.

INFILTRATION BASINS / BEDS	
OPERATION & MAINTENANCE PROCEDURES	
ACTIVITY	SCHEDULE
MOW, REMOVE LITTER & DEBRIS, STABILIZE ERODED BANKS, REPAIR UNDERCUT & ERODED AREAS AT INFLOW & OUTFLOW STRUCTURES	AS NEEDED
INSPECT FACILITY FOR SIGNS OF WITNESS OR DAMAGE TO STRUCTURES, NOTE ERODED AREAS. IF DEAD OR DYING GRASS ON THE BOTTOM IS OBSERVED, CHECK TO ENSURE THAT WATER IS PERCOLATING 2-3 DAYS FOLLOWING STORMS, NOTE SIGNS OF PETROLEUM HYDROCARBON CONTAMINATION & HANDLE PROPERLY.	SEMI-ANNUAL
DISC OR OTHERWISE AERATE BOTTOM, DETHATCH BASIN BOTTOM	ANNUAL
SCRAPE BOTTOM & REMOVE SEDIMENT, RESTORE ORIGINAL CROSS-SECTION AND INFILTRATION RATE, SEED OR SOD TO RESTORE GROUND COVER.	EVERY 5 YEARS
GENERAL MAINTENANCE NOTES: 1. VEGETATION ALONG THE SURFACE OF THE INFILTRATION BASIN SHOULD BE MAINTAINED IN GOOD CONDITION, AND ANY BARE SPOTS REVEGETATED AS SOON AS POSSIBLE 2. VEHICLES SHOULD NOT BE PARKED OR DRIVEN ON BASINS. AVOID COMPACTION	

STORMWATER COLLECTION/CONVEYANCE	
OPERATION & MAINTENANCE PROCEDURES	
ACTIVITY	SCHEDULE
INLETS & CATCH BASINS SHOULD BE CLEANED OF DEBRIS. REPAIRS SHOULD BE MADE AS SOON AS PROBLEMS ARISE.	CLEAN ONCE PER YEAR & REPAIR AS NEEDED
INSPECT OUTFALL STRUCTURES QUARTERLY DURING 1ST YEAR & 1X PER YEAR THEREAFTER	QUARTERLY & ONCE PER YEAR
COLLECTION/CONVEYANCE SYSTEMS SHOULD BE INSPECTED 2X PER YEAR MINIMUM.	TWICE PER YEAR
GENERAL MAINTENANCE NOTES: 1. VACTOR TRUCKS MAY BE AN EFFICIENT CLEANING MECHANISM. 2. CATCH BASINS SHOULD BE CLEANED BEFORE HALF FULL.	

LEGEND

PROPOSED GRADING FEATURES

- 421 — INTERMEDIATE CONTOUR LINES
- 420 — INDEX CONTOUR LINES
- 422.53 — SPOT ELEVATIONS
- 1.25% — SLOPE OR GRADE LABEL

SPOT LABEL ABBREVIATIONS:

- TG — TOP OF GRATE
- TC — TOP OF CURB
- BC — BOTTOM OF CURB

GRADING NOTES

1. POSITIVE DRAINAGE SHALL BE PROVIDED ACROSS THE ENTIRE PROJECT AREA AND DIRECTED TOWARDS EXISTING AND PROPOSED DRAINAGE FACILITIES.

LEGEND

PROPOSED UTILITY FEATURES

- UE — PROPOSED UNDERGROUND ELECTRIC LINES OR CONDUITS
- S — PROPOSED SANITARY SEWER LATERAL
- UE — UNDERGROUND ELECTRIC LINES OR CONDUITS
- OE — OVERHEAD ELECTRIC LINES
- UFO — FIBER OPTIC LINES
- UTILITY POLE
- PROPOSED DRAINAGE MANHOLE
- PROPOSED TYPE 'M' DRAINAGE INLET
- PROPOSED TYPE 'C' DRAINAGE INLET
- PROPOSED YARD DRAINAGE INLET
- PROPOSED ENDWALL
- PROPOSED DRAINAGE CULVERT OR PIPE
- (1-01) — PROPOSED DRAINAGE STRUCTURE LABEL
- RD — RD — PROPOSED ROOF DRAIN PIPE
- PROPOSED RIPRAP
- CO — PROPOSED WATER VALVE
- WV — PROPOSED WATER VALVE
- FIRE HYDRANT
- W — PROPOSED WATER LINE
- LIGHT STANDARD (LOCATIONS APPROXIMATE)

UTILITY NOTES

1. ALL ROOF DRAIN PIPING SHALL BE INSTALLED AT A MINIMUM SLOPE OF 1% AND SHALL CONNECT TO STUBS LEFT BY P.C. AT FIVE (5) FEET OUTSIDE THE BUILDING.
2. ALL SANITARY SEWER CONSTRUCTION MATERIALS, METHOD AND APPURTENANCES SHALL BE IN ACCORDANCE WITH PADEP'S DOMESTIC WASTEWATER FACILITIES MANUAL AND (MUNICIPALITY)'S STANDARD SPECIFICATIONS AND DETAILS AT THE TIME OF CONSTRUCTION.
3. ALL SANITARY SEWER LATERAL SECTIONS SHALL BE INSTALLED WITH A MINIMUM SLOPE OF 1%.
4. CURB BOXES ARE REQUIRED OVER ALL SANITARY SEWER CLEANOUTS AND WATER LINE VALVES. ALL CURB BOXES SHALL BE BROUGHT TO FINISHED GRADE.
5. ALL DRAINAGE STRUCTURES (INCLUDING INLETS, MANHOLES, ENDWALLS, ETC.) PROPOSED FOR DEDICATION OR LOCATED WITHIN A STREET SECTION SHALL BE CAPABLE OF HANDLING AN HS-25 LOADING.
6. ALL STORMWATER PIPES, CULVERTS, MANHOLES, INLETS, ENDWALLS AND END SECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS SET FORTH IN PENNDOT PUBLICATION 408, AS AMENDED, AND SHALL CONFORM TO THE REQUIREMENTS OF THE PENNDOT, BUREAU OF DESIGN, STANDARDS FOR ROADWAY CONSTRUCTION (RC), PUBLICATION NO. 72, IN EFFECT AT THE TIME THE DESIGN IS SUBMITTED.
7. WATER LINES SHALL BE KEPT SEPARATED A MINIMUM OF FIVE (5) FEET HORIZONTALLY FROM ANY OTHER UTILITY, EXCEPT SANITARY SEWER LINES, THE SEPARATION FOR WHICH SHALL BE IN ACCORDANCE WITH PADEP REGULATIONS.

⚠ ELECTRIC UTILITIES LOCATIONS SHOWN ON THIS PLAN WERE TAKEN FROM A PPL SKETCH DATED 6/30/2014. ALL ELECTRICAL UTILITY CONSTRUCTION AND DEMOLITION SHALL BE COORDINATED WITH PPL.

GRAPHIC SCALE
0 15 30 60
1" = 30 FEET

K&W
ENGINEERS • CONSULTANTS
470 Friendship Road, Suite 100
Harrisburg, PA 17111
phone // 717.686.3836
fax // 717.685.3836

CUMBERLAND COUNTY, PA
LOWER ALLEN TOWNSHIP

FINAL LAND DEVELOPMENT PLAN

NEW EXECUTIVE PARK WEST BUILDING V

FOR

OLD GETTYSBURG ASSOCIATES V, LP

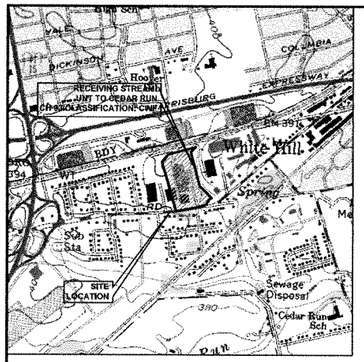
PROFESSIONAL SEAL

SCALE:	1"= 30'
DATE:	01/28/14
K&W PROJECT:	2154.001
DRAWN BY:	JMK/GSD
CAD DRAWING:	2154001-E_MpGRADE.dwg

PROVISIONS			
NO.	DATE	DESCRIPTION	
1	MARCH 06, 2014	PER TOWNSHIP COMMENTS	
2	JULY 15, 2014	PER TOWNSHIP COMMENTS	
3	AUGUST 22, 2014	PER TOWNSHIP APPROVAL CONDITIONS	
4			
5			
6			
7			

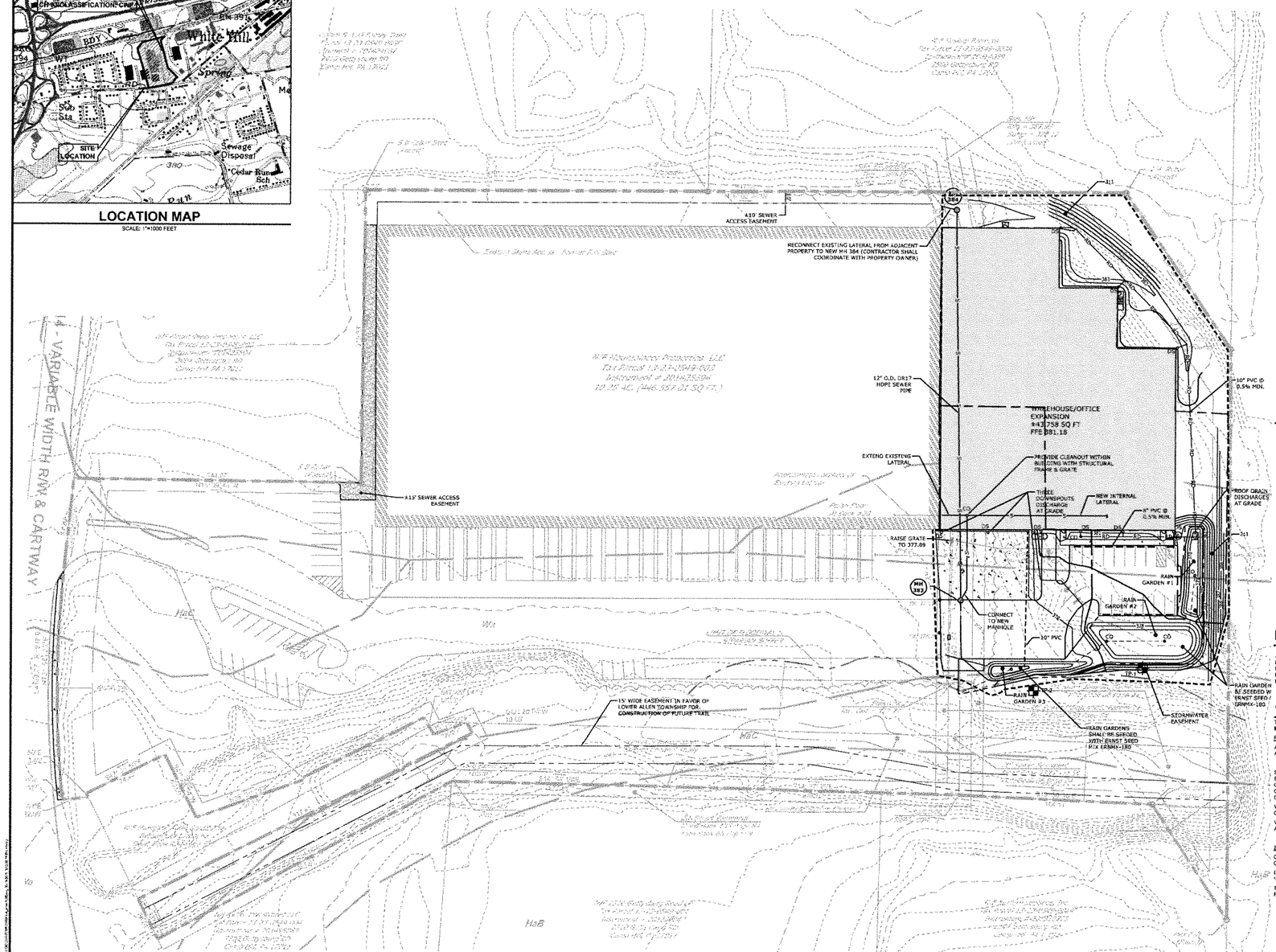
PLAN TYPE:
GRADING AND UTILITY PLAN

SHEET:
5 OF 10



LOCATION MAP

SCALE: 1"=1000 FEET



LEGEND

PROPOSED UTILITY FEATURES

- SANITARY SEWER STRUCTURE
- SANITARY SEWER STRUCTURE LABEL (MH 4)
- S — SANITARY SEWER MAIN
- SANITARY SEWER SERVICE LATERAL
- FM — SANITARY SEWER FORCE MAIN
- DRAINAGE MANHOLE
- DRAINAGE INLET
- YARD DRAINAGE INLET
- ENDWALL
- DRAINAGE CULVERT OR PIPE
- DRAINAGE STRUCTURE LABEL (I-30)
- DS DOWNSPOUT
- RD — RD — ROOF DRAIN PIPE
- RIPRAP
- NPDES PERMIT BOUNDARY
- LIMIT OF DISTURBANCE

TEST PIT INFORMATION

TP-1
TOTAL DEPTH: 6'
BOTTOM OF PIT ELEVATION: 379.00
INFILTRATION TEST ELEVATION: 381.00
INFILTRATION RATE: 0.9 IN/HR

TP-2
TOTAL DEPTH: 5'
BOTTOM OF PIT ELEVATION: 373.00
INFILTRATION TEST ELEVATION: 375.00
INFILTRATION RATE: 1.0 IN/HR

SOIL LIMITATIONS & RESOLUTIONS

1. SLOPES - EXCAVATIONS SHOULD BE STABILIZED TO PREVENT EROSION. THE CONTRACTOR SHOULD EMPLOY PROPER CONSTRUCTION TECHNIQUES TO ENSURE SAFETY ON STEEP SLOPE AREAS.
2. DEPTH OF SATURATED ZONE - IF SATURATED SOIL IS ENCOUNTERED, OVER EXCAVATE AND REPLACE WITH ENGINEERED FILL. REMOVE ANY STANDING WATER WITHIN UTILITY TRENCH AS NECESSARY PRIOR TO INSTALLATION.
3. DROUGHTY - CONTRACTOR SHALL ENSURE PROPER WATERING OF THE LAWN AREAS TO ENSURE TEMPORARY AND/OR PERMANENT VEGETATION IS ESTABLISHED.
4. POOR SOURCE OF TOPSOIL - THE CONTRACTOR SHALL ENSURE ADEQUATE TOPSOIL IS IMPORTED TO THE SITE, IF NEEDED, TO PROVIDE THE REQUIRED MINIMUM DEPTH IN ORDER TO ESTABLISH PERMANENT VEGETATION.
5. CORROSION TO CONCRETE PIPING - THE USE OF CONCRETE PIPE SHALL BE MINIMIZED. IF CONCRETE PIPE IS USED, ENSURE ADEQUATE STONE BACKFILL IS INSTALLED AND MINIMIZE THE PLACEMENT OF THE CONCRETE PIPE IN THE HIGH WATER TABLE AREAS.
6. EROSION - IF EROSION OCCURS THAT CANNOT BE ADDRESSED BY MEASURES FOUND IN THE PLANS THE CONTRACTOR SHALL CONTACT THE SITE DESIGN ENGINEER AND THE CONSERVATION DISTRICT.
7. LOW STRENGTH - THE CONTRACTOR SHALL ENSURE ALL SLOPES GREATER THAN 3:1 ARE COMPACTED AS SPECIFIED. THE CONTRACTOR SHALL CONSULT A GEOTECHNICAL ENGINEER IN THE EVENT PROPER COMPACTION CANNOT BE OBTAINED.
8. PIPING - THE CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND BACKFILL OF STORMWATER CONVEYANCE FACILITIES.

RECYCLING / DISPOSAL OF WASTES

ALL BUILDING MATERIALS AND WASTES SHALL BE REMOVED FROM THE SITE AND RECYCLED OR DISPOSED OF IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE 260.1 ET SEQ., 271.1 AND 287.1 ET SEQ. NO BUILDING MATERIALS OR WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURNED, BURIED, DUMPED, OR DISCHARGED AT THE SITE.

OPERATIONS & MAINTENANCE

THE OWNER, MOUNTAINEER PROPERTIES, LLC IS RESPONSIBLE FOR ALL COST AND MAINTENANCE RELATED TO THE STORMWATER BMP'S:

RAIN GARDEN:

AS NEEDED: REMOVE LITTER AN DEBRIS, STABILIZE ERODED BANKS, REPAIR UNDERCUT AND ERODED AREAS AT INFLOW AND OUTFLOW STRUCTURES.

SEMI-ANNUAL: INSPECT FACILITY FOR SIGNS OF WETNESS OR DAMAGE TO THE STRUCTURES. NOTE ERODED AREAS. IF DEAD OR DYING GRASS ON THE BOTTOM IS OBSERVED, REMOVE AND RESEED WITH SEEDING MIXTURE: 10MIXTBRD ON THE PLAN. CHECK TO MAKE SURE THE UNDERDRAIN IS NOT DAMAGED. REPLACE ANY BROKEN OR DAMAGED SECTIONS OF UNDERDRAIN.

VEGETATION ALONG THE SURFACE OF THE BASIN SHOULD BE MAINTAINED IN GOOD CONDITION, AND ANY BARE SPOTS REVEGETATED AS SOON AS POSSIBLE.

VEHICLES SHOULD NOT BE PARKED NOR DRIVEN OVER BASIN BOTTOMS IN ORDER TO AVOID COMPACTION.

STORMWATER COLLECTION / CONVEYANCE

CLEAN ONCE PER YEAR AND REPAIR AS NEEDED: INLETS AND CATCH BASINS SHOULD BE CLEANED OF DEBRIS. REPAIRS SHOULD BE MADE AS SOON AS PROBLEMS ARISE.

QUARTERLY AND ONCE PER YEAR: INSPECT OUTFALL STRUCTURES QUARTERLY DURING 1ST YEAR AND ONCE PER YEAR THEREAFTER.

TWICE PER YEAR: COLLECTION/CONVEYANCE SYSTEMS SHOULD BE INSPECTED TWICE PER YEAR MINIMUM.

1. VACTOR TRUCKS MAY BE AN EFFICIENT CLEANING MECHANISM.
2. CATCH BASINS SHOULD BE CLEANED BEFORE HALF FULL.
3. MAINTAIN VEGETATION WITHIN THE SWALES. REGULAR MOWING IS HALL BE PERFORMED DURING THE GROWING SEASON. SEED ANY AREAS WHICH SHOW SIGNS OF EROSION.

GRAPHIC SCALE
0 20 40
1" = 40 FEET

K&W ENGINEERS · CONSULTANTS
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CUMBERLAND COUNTY, PA

POST CONSTRUCTION STORMWATER MANAGEMENT PLAN

2404 GETTYSBURG ROAD BUILDING EXPANSION

FOR

MOUNTAINEER PROPERTIES, LLC

LOWER ALLEN TOWNSHIP

PROFESSIONAL SEAL

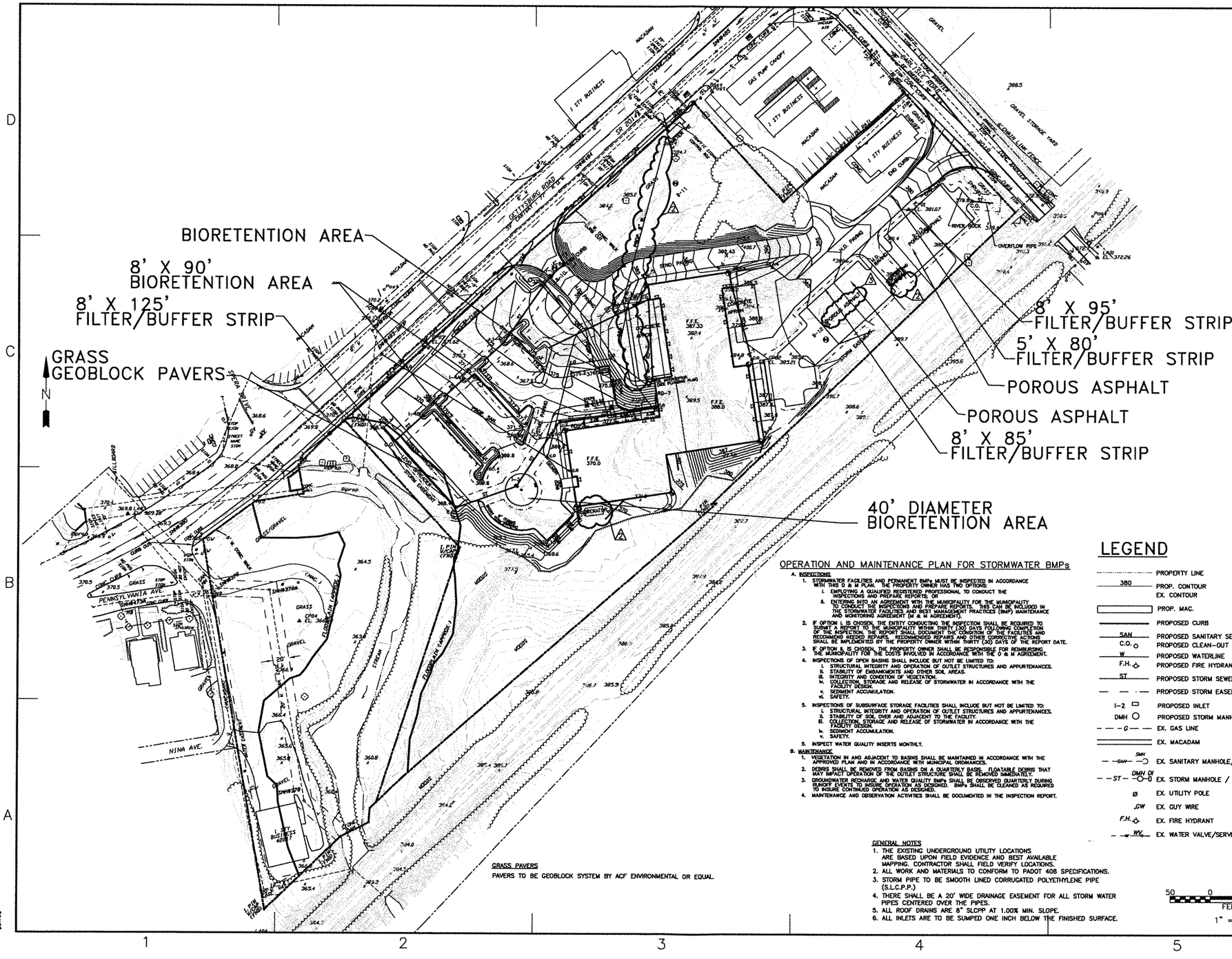
SCALE:	AS SHOWN
DATE:	FEBRUARY 6, 2015
K&W PROJECT:	2168.001
DRAWN BY:	GJD

CAD DRAWING:
2-68001-A (cpsm PLAN.dwg)

REVISIONS NO.	DATE	DESCRIPTION
1	03-13-15	REVISIONS PER CCCD COMMENTS
2		
3		
4		
5		
6		
7		

PLAN TYPE:
PCSM PLAN

SHEET:
1 OF 2



OPERATION AND MAINTENANCE PLAN FOR STORMWATER BMPs

A. INSPECTIONS

1. STORMWATER FACILITIES AND PERMANENT BMPs MUST BE INSPECTED IN ACCORDANCE WITH THIS O & M PLAN. THE PROPERTY OWNER HAS TWO OPTIONS:
   i. EMPLOYING A QUALIFIED REGISTERED PROFESSIONAL TO CONDUCT THE INSPECTIONS AND PREPARE REPORTS, OR
   ii. ENTERING INTO AN AGREEMENT WITH THE MUNICIPALITY FOR THE MUNICIPALITY TO CONDUCT THE INSPECTIONS AND PREPARE REPORTS. THIS CAN BE INCLUDED IN THE STORMWATER FACILITIES AND BEST MANAGEMENT PRACTICES (BMP) MAINTENANCE AND MONITORING AGREEMENT (M & M AGREEMENT).
2. IF OPTION I, IS CHOSEN, THE ENTITY CONDUCTING THE INSPECTION SHALL BE REQUIRED TO SUBMIT A REPORT TO THE MUNICIPALITY WITHIN THIRTY (30) DAYS FOLLOWING COMPLETION OF THE INSPECTION. THE REPORT SHALL DOCUMENT THE CONDITION OF THE FACILITIES AND RECOMMEND NEEDED REPAIRS. RECOMMENDED REPAIRS AND OTHER CORRECTIVE ACTIONS SHALL BE IMPLEMENTED BY THE PROPERTY OWNER WITHIN THIRTY (30) DAYS OF THE REPORT DATE.
3. IF OPTION II, IS CHOSEN, THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR REIMBURSING THE MUNICIPALITY FOR THE COSTS INVOLVED IN ACCORDANCE WITH THE O & M AGREEMENT.
4. INSPECTIONS OF OPEN BASINS SHALL INCLUDE BUT NOT BE LIMITED TO:
   i. STRUCTURAL INTEGRITY AND OPERATION OF OUTLET STRUCTURES AND APPURTENANCES.
   ii. STABILITY OF EMBANKMENTS AND OTHER SOIL AREAS.
   iii. INTEGRITY AND CONDITION OF VEGETATION.
   iv. COLLECTION, STORAGE AND RELEASE OF STORMWATER IN ACCORDANCE WITH THE FACILITY DESIGN.
   v. SEDIMENT ACCUMULATION.
   vi. SAFETY.
5. INSPECTIONS OF SUBSURFACE STORAGE FACILITIES SHALL INCLUDE BUT NOT BE LIMITED TO:
   i. STRUCTURAL INTEGRITY AND OPERATION OF OUTLET STRUCTURES AND APPURTENANCES.
   ii. STABILITY OF SOIL OVER AND ADJACENT TO THE FACILITY.
   iii. COLLECTION, STORAGE AND RELEASE OF STORMWATER IN ACCORDANCE WITH THE FACILITY DESIGN.
   iv. SEDIMENT ACCUMULATION.
   v. SAFETY.
5. INSPECT WATER QUALITY INSERTS MONTHLY.

B. MAINTENANCE

1. VEGETATION IN AND ADJACENT TO BASINS SHALL BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLAN AND IN ACCORDANCE WITH MUNICIPAL ORDINANCES.
2. DEBRIS SHALL BE REMOVED FROM BASINS ON A QUARTERLY BASIS. FLOATABLE DEBRIS THAT MAY IMPACT OPERATION OF THE OUTLET STRUCTURE SHALL BE REMOVED IMMEDIATELY.
3. GROUNDWATER RECHARGE AND WATER QUALITY BMPs SHALL BE OBSERVED QUARTERLY DURING RUNOFF EVENTS TO INSURE OPERATION AS DESIGNED. BMPs SHALL BE CLEANED AS REQUIRED TO INSURE CONTINUED OPERATION AS DESIGNED.
4. MAINTENANCE AND OBSERVATION ACTIVITIES SHALL BE DOCUMENTED IN THE INSPECTION REPORT.

LEGEND

- PROPERTY LINE
- 380 — PROP. CONTOUR / EX. CONTOUR
- PROP. MAC.
- PROPOSED CURB
- SAN — PROPOSED SANITARY SEWER
- C.O. — PROPOSED CLEAN-OUT
- W — PROPOSED WATERLINE
- F.H. — PROPOSED FIRE HYDRANT
- ST — PROPOSED STORM SEWER
- PROPOSED STORM EASEMENT
- I-2 — PROPOSED INLET
- DMH — PROPOSED STORM MANHOLE
- EX. GAS LINE
- EX. MACADAM
- SAN — EX. SANITARY MANHOLE/PIPE
- ST — DMH DI — EX. STORM MANHOLE / PIPE / INLET
- EX. UTILITY POLE
- GW — EX. GUY WIRE
- F.H. — EX. FIRE HYDRANT
- W — EX. WATER VALVE/SERVICE

GENERAL NOTES

1. THE EXISTING UNDERGROUND UTILITY LOCATIONS ARE BASED UPON FIELD EVIDENCE AND BEST AVAILABLE MAPPING. CONTRACTOR SHALL FIELD VERIFY LOCATIONS.
2. ALL WORK AND MATERIALS TO CONFORM TO PADOT 408 SPECIFICATIONS.
3. STORM PIPE TO BE SMOOTH LINED CORRUGATED POLYETHYLENE PIPE (S.L.C.P.P.)
4. THERE SHALL BE A 20' WIDE DRAINAGE EASEMENT FOR ALL STORM WATER PIPES CENTERED OVER THE PIPES.
5. ALL ROOF DRAINS ARE 8" SLOPP AT 1.00% MIN. SLOPE.
6. ALL INLETS ARE TO BE SUMPED ONE INCH BELOW THE FINISHED SURFACE.

GRASS PAVERS

PAVERS TO BE GEOBLOCK SYSTEM BY ACF ENVIRONMENTAL OR EQUAL.

50 0 50 100
FEET
1" = 50'

BUCHART HORN, INC. Engineers, Architects and Planners

EMERGENCY AND MUNICIPAL SERVICES CENTER FOR LOWER ALLEN TOWNSHIP
CUMBERLAND COUNTY PENNSYLVANIA

NO.	DATE	BY	REVISION
1	V.W.		REVISED PER ADDENDUM
2	V.W.		REVISED PER CHANGE ORDER
3	V.W.		REVISED PER ALTERNATE

PROJECT NO.: 76295-00
CAD FILE: C103PCSWM
ENGR./ARCH.: VW
DESIGN BY: VW
DRAWN BY: KS
CHECKED BY: SWT
DATE: 03/06/07

DRAWING INTENT IS TO INDICATE GENERAL ARRANGEMENT, DESIGN AND INTENT OF WORK AND IS PARTLY DIAGRAMMATIC.

DRAWING SHALL NOT BE SCALED.

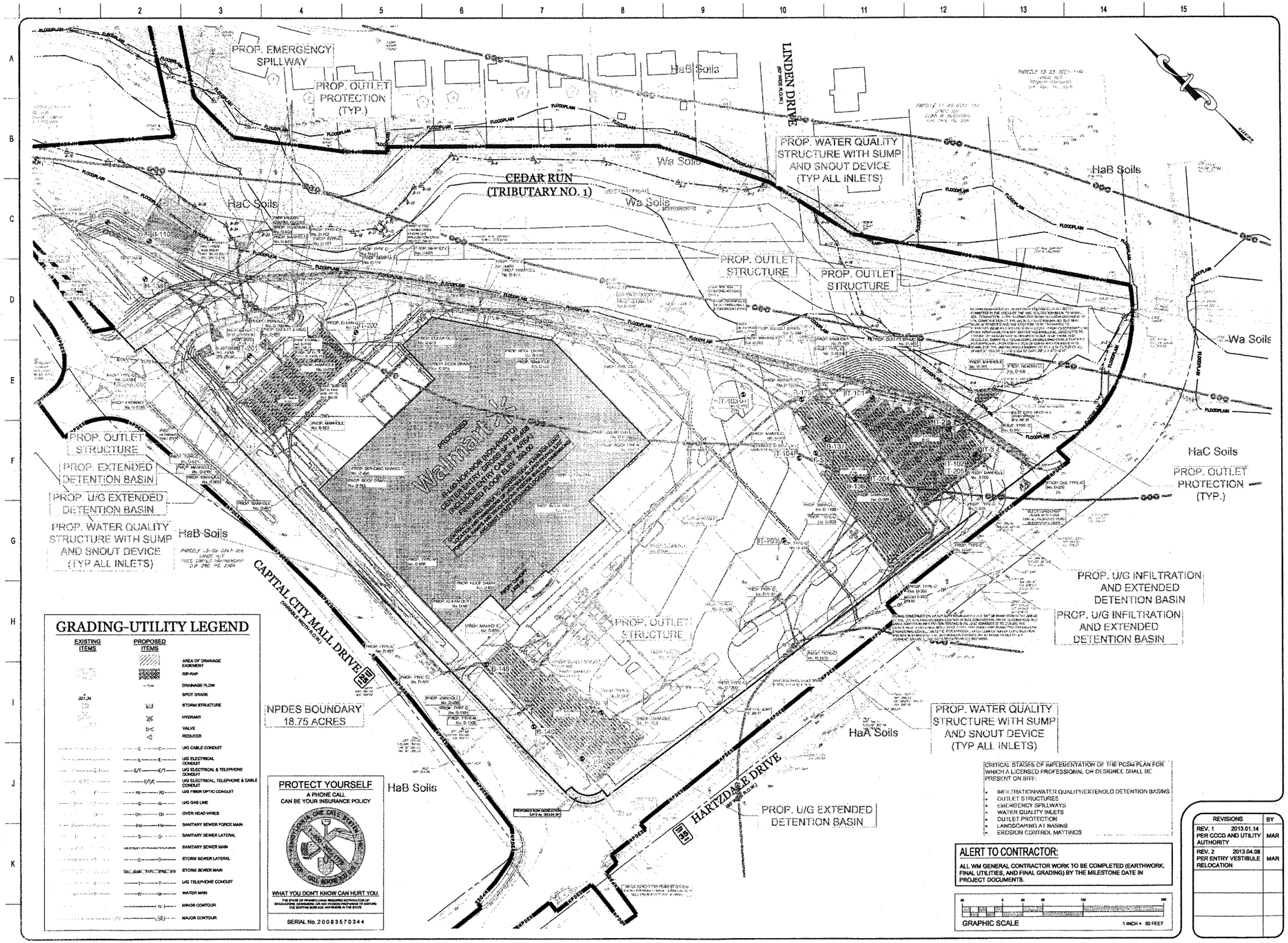
© Buchart-Horn, Inc.

CONFORMED SET

POST CONST. SWM PLAN

C-103
SHEET 5 OF 155

TBL
$DATE$
DWG



GRADING-UTILITY LEGEND

EXISTING ITEMS	PROPOSED ITEMS	
		AREA OF DRAINAGE EASEMENT
		RIP-RAP
		DRAINAGE FLOW
327.34		SPOT GRADE
		STORM STRUCTURE
		HYDRANT
		VALVE
		REDUCER
		U/G CABLE CONDUIT
		U/G ELECTRICAL CONDUIT
		U/G ELECTRICAL & TELEPHONE CONDUIT
		U/G ELECTRICAL, TELEPHONE & CABLE CONDUIT
		U/G FIBER OPTIC CONDUIT
		U/G GAS LINE
		OVER HEAD WIRES
		SANITARY SEWER FORCE MAIN
		SANITARY SEWER LATERAL
		SANITARY SEWER MAIN
		STORM SEWER LATERAL
		STORM SEWER MAIN
		U/G TELEPHONE CONDUIT
		WATER MAIN
		MINOR CONTOUR
		MAJOR CONTOUR

PROTECT YOURSELF
A PHONE CALL CAN BE YOUR INSURANCE POLICY

WHAT YOU DON'T KNOW CAN HURT YOU.

SERIAL No. 20093570344

CRITICAL STAGES OF IMPLEMENTATION OF THE PCSM PLAN FOR WHICH A LICENSED PROFESSIONAL OR DESIGNEE SHALL BE PRESENT ON SITE:

- INFILTRATION/WATER QUALITY/EXTENDED DETENTION BASINS
- OUTLET STRUCTURES
- EMERGENCY SPILLWAYS
- WATER QUALITY INLETS
- OUTLET PROTECTION
- LANDSCAPING AT BASINS
- EROSION CONTROL MATTINGS

ALERT TO CONTRACTOR:
ALL WM GENERAL CONTRACTOR WORK TO BE COMPLETED (EARTHWORK, FINAL UTILITIES, AND FINAL GRADING) BY THE MILESTONE DATE IN PROJECT DOCUMENTS.

GRAPHIC SCALE 1 INCH = 50 FEET

REVISIONS	BY
REV. 1 2013.01.14 PER CCCD AND UTILITY AUTHORITY	MAR
REV. 2 2013.04.08 PER ENTRY VESTIBULE RELOCATION	MAR

LANDCORE Engineering Consultants, P.C.

PHILADELPHIA, PA 181 BRANDYWINE DRIVE DEVON, PA 19333 PHONE: 610.889.2033

LANCASTER, PA 1383 NEW HOLLAND AVENUE LANCASTER, PA 17602-2505 PHONE: 717.672.9264

PITTSBURGH, PA 1228 MURRAY AVENUE PITTSBURGH, PA 15217 PHONE: 412.422.2666

PRINCETON, NJ 100 OVERLOOK COURT SUITE 100 PRINCETON, NJ 08540 PHONE: 609.945.0281

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL K. MATTHEW RUTT ENGINEER NO. PE075433

K. MATTHEW RUTT, P.E.
PENNSYLVANIA LICENSE NO. 075433

FINAL LAND DEVELOPMENT PLANS

WAL-MART STORE No. 5888-00

HARTZDALE DRIVE and CAPITAL CITY MALL DRIVE
LOWER ALLEN TOWNSHIP
CUMBERLAND COUNTY, PENNSYLVANIA

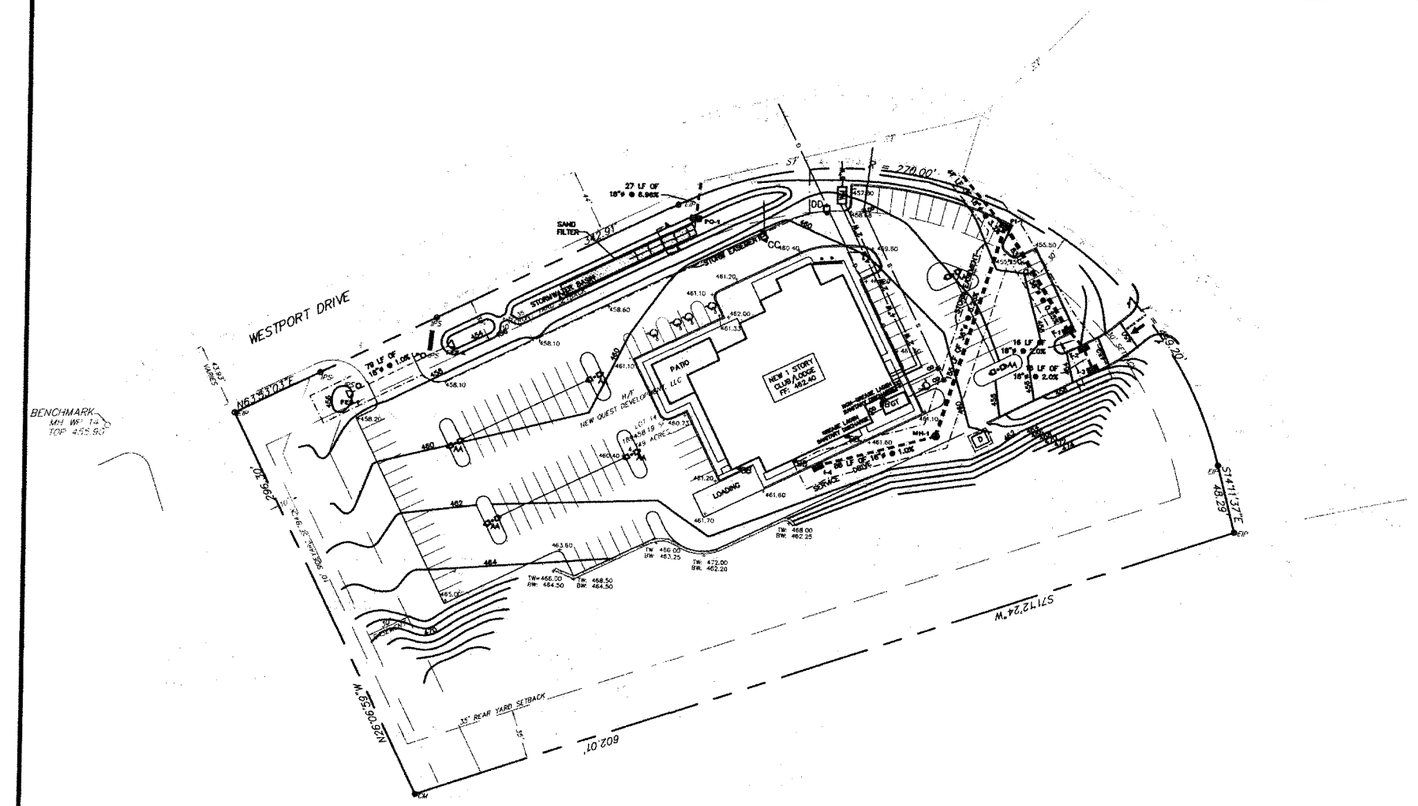
Walmart

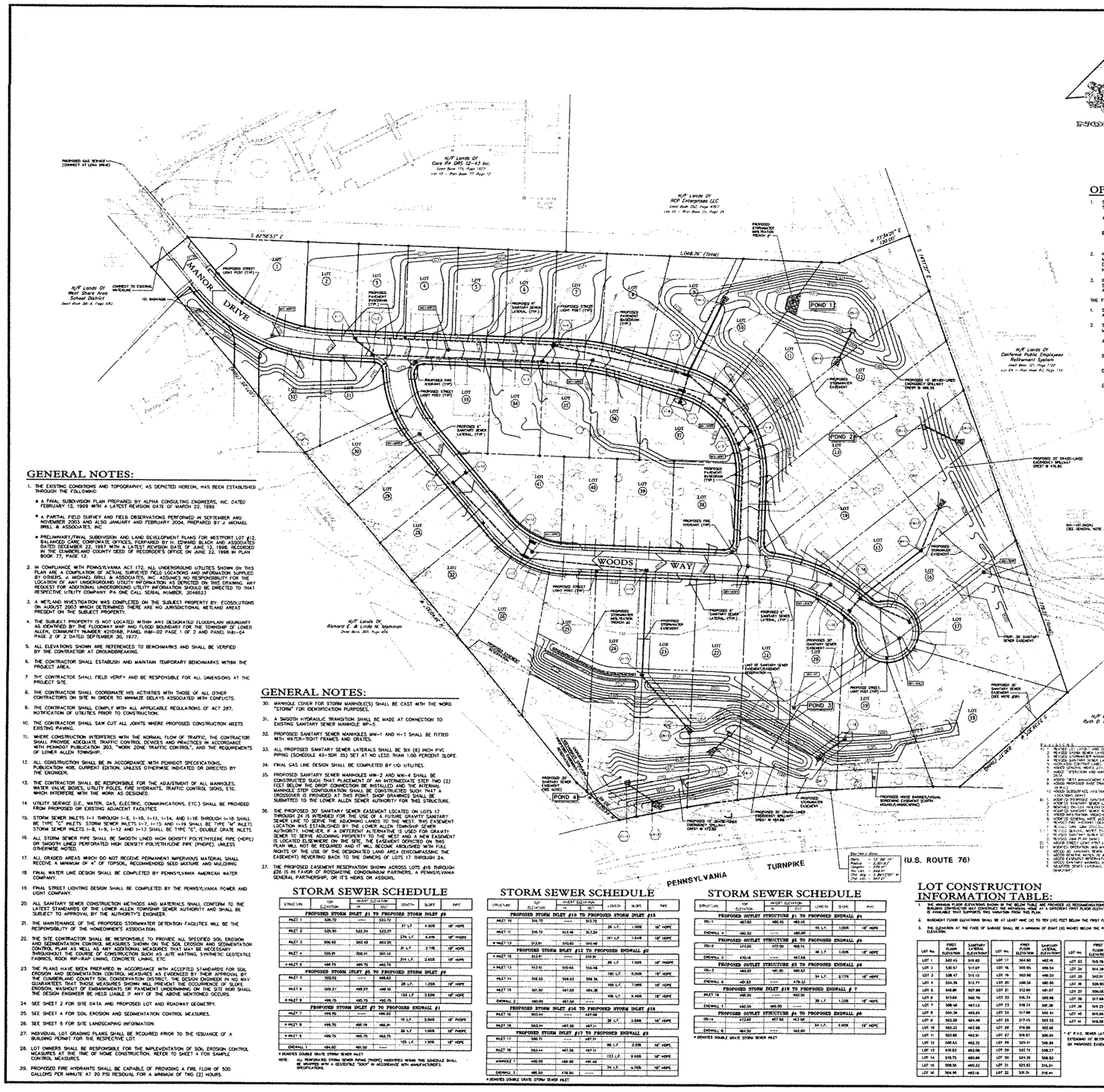
WALMART REAL ESTATE BUSINESS TRUST
2001 SE 10TH STREET
BENTONVILLE, ARKANSAS 72716

DRAWN BY	B. NAGENGAST
CHECKED BY	K. M. RUTT
DATE	2012. 12. 12
SCALE	AS NOTED
JOB No.	080032

34

POST CONSTRUCTION STORMWATER MANAGEMENT PLAN


WESTPORT DRIVE
BENCHMARK
MH W8 14
TOP 455.93
N67°37'07"E
299.30'
N25°05'59"W
602.01'
S71°12'24"W
S14°11'37"E
48.29'
= 270.00'
NEW 1 STORY
CLUB HOUSE
FF= 463.40
PATIO
LOADING
DUMPSTER
SAND FILTER
STORMWATER BASIN
STORM DRAINAGE
NEW GUEST DEVELOPMENT, LLC
LOT 14
1.49 ACRES
35' REAR YARD SETBACK
15'
27 LF OF
18"ø @ 6.96%
79 LF OF
18"ø @ 1.0%
16 LF OF
18"ø @ 2.0%
19 LF OF
18"ø @ 2.0%
PO-1
PO-2
D1
D2
MH-1
MH-2
INLET
INLET
INLET


PROPOSED 40' R/W ROAD (CONNECT AT LENA DRIVE)
N/F Lands Of Care PA OPS 12-43 Inc.
Deed Book 1751, Page 1677
Lot 13 - Plan Book 72, Page 17
N/F Lands Of MCP Enterprises LLC
Deed Book 1767, Page 4067
Lot 13 - Plan Book 72, Page 19
S 87°58'53" E
1,048.78' (Total)
N 73°47'27" E
125.00'
S 73°47'27" E
N/F Lands Of West Shore Area School District
Deed Book 284-A, Page 482
CONNECT TO EXISTING WATERLINE
I.D. SIGNAGE
MANOR DRIVE
PROPOSED STREET LIGHT POST (TYP.)
PROPOSED 8" SANITARY SEWER LATERAL (TYP.)
PROPOSED STORMWATER MANAGEMENT EASEMENT
POND 1
POND 2
POND 3
POND 4
WOODS WAY
PROPOSED 20' SANITARY SEWER EASEMENT (SEE NOTE #29)
PROPOSED 30' SANITARY SEWER EASEMENT (SEE NOTE #36)
PROPOSED 30' DRIVE-UNDER EMERGENCY SPILLWAY CREST @ 417.50
PROPOSED 15' DRIVE-UNDER EMERGENCY SPILLWAY CREST @ 417.50
PROPOSED 20' DRIVE-UNDER EMERGENCY SPILLWAY CREST @ 416.90
PROPOSED 30' DRIVE-UNDER EMERGENCY SPILLWAY CREST @ 416.90
PROPOSED STORMWATER MANAGEMENT EASEMENT
PROPOSED FIRE HYDRANT (TYP.)
PROPOSED 8" SANITARY SEWER LATERAL (TYP.)
PROPOSED STORMWATER INFILTRATION EASEMENT
PROPOSED 8" SANITARY SEWER LATERAL (TYP.)
PROPOSED 8" SANITARY SEWER LATERAL (TYP.)
PROPOSED STREET LIGHT POST (TYP.)
PROPOSED STREET LIGHT POST (TYP.)
PROPOSED FIRE HYDRANT (TYP.)
PROPOSED STORMWATER INFILTRATION EASEMENT
PROPOSED 8" SANITARY SEWER LATERAL (TYP.)
PROPOSED 8" SANITARY SEWER LATERAL (TYP.)
PROPOSED STREET LIGHT POST (TYP.)
PROPOSED 8" SANITARY SEWER LATERAL (TYP.)
PROPOSED 8" SANITARY SEWER LATERAL (TYP.)
PROPOSED PAVEMENT BASEDRAIN (TYP.)
PROPOSED PAVEMENT BASEDRAIN (TYP.)
PROPOSED PAVEMENT BASEDRAIN

LEGEND

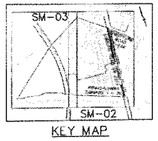
EXISTING		PROPOSED
	PROPERTY LINE	
	RIGHT-OF-WAY LINE	
	EASEMENT LINE	
	RUNAWAY CLUSTERLINE	
	CURB LINE	
	EDGE OF PAVEMENT	
	EDGE OF STONE	
	MIN. BLDG SETBACK LINE	
S	SANITARY SEWER LINE	S
	SANITARY FORCE MAIN	
W	WATER LINE	W
G	GAS LINE	G
OH	OVERHEAD UTILITIES	OH
OHE	OVERHEAD ELECTRIC	OHE
UE	UNDERGROUND ELECTRIC	UE
OHT	OVERHEAD TELEPHONE	OHT
UT	UNDERGROUND TELEPHONE	UT
X X X X	FENCE	X X X X
	BASE CONTOUR	
	INTERMEDIATE CONTOUR	
392.15	SPOT ELEVATION	392.15
	STORM INLET & PIPING	
	ZONING LINE	
	MUNICIPALITY LINE	
	GUIDE RAIL	
	RAILROAD	
	EDGE OF WATER (STREAM)	
	TOPSOIL LINE	
	TREELINE	
	DECIDUOUS TREE	
	CONIFEROUS TREE	
	PROPERTY CORNER MARKER FOUND	
	CONC. MONUMENT	
	PIN	
	ANGLE (MEAS. INTER.)	
	EASEMENT CORNER	
	UTILITY POLE	
	LIGHT POLE	
	LIGHT	
	WELL	
	WATER SHUT-OFF VALVE (SERVICE)	
	WATER VALVE (MAIN)	
	FIRE HYDRANT	
	GAS SHUT-OFF VALVE (SERVICE)	
	GAS VALVE (MAIN)	
	SEWER VENT	
	SEWER CLEAN OUT	
	ELECTRIC MANHOLE	
	STORM MANHOLE	
	SANITARY MANHOLE	
	TELEPHONE MANHOLE	
	SIGN	
	MAIL BOX	
	DEEP PROBE	
	PERCOLATION TEST HOLE	
	WETLANDS	
	FEMA 100 YR. FLOODPLAIN	



SOIL LIMITATIONS AND RESOLUTIONS

SYMBOL	NAME	SLOPES %	HYDRIC	DEPTH	LIMITATIONS	RESOLUTIONS	LIMITATIONS FOR EMBANKMENTS, DIKES, AND RESERVOIRS
BuC	Berrington silty clay loam	8-15	No	20-60 Inches	Slope, Frost Action	Minimize Cut Or Site, Limit Disturbance of Steep Slopes Design to consider limitation of Reduce Frost Action	
BsD	Berrington silty clay loam	15-25	No	20-60 Inches	Slope, Frost Action	Minimize Cut Or Site, Limit Disturbance of Steep Slopes Design to consider limitations of Reduce Frost Action	
HaB	Hagerstown Silt Loam	3-8	No	40-64 Inches	Frost Action	Design to consider limitation of reduce Frost Action	See end of Division Input to Pack
Pc	Penlaw silt loam		5% of Mapping Unit	15-39 Inches	Frost Action, Low Strength, Depth to Saturated Zone, Shrink-Swell	Design to consider limitation of reduce Shrink-Swell, Low Strength, Frost Action and Depth to Saturation Zone	Depth to Saturation Zone, Piping

Note: Table only lists soils which will be disturbed during construction



KEY MAP

No.	Date	Description
9	3/14/12	INCORP. APPR. HOP PLANS, SHT. 5,15 CASE
8	1/17/12	REVISED UNIT COUNT FOR BUILDINGS 3, 4 & 5
7	11/30/11	REVISED TREE TYPE PER PRL
6	11/16/11	REVISED PER MKR PRL POLE LOCATIONS
5	9/23/11	REVISED PER PRL COMMENTS
4	8/15/11	REV. PER COCD 8/9/11 LTR. & DRAFT HOP
3	8/7/11	REVISED PROPOSED SIGN
No.	Date	Revisions

Seal: G. MITCHELL KING, Commonwealth of Pennsylvania, 39501E

Project Manager: David B. Kegerize, P.E.
Project Surveyor: David C. Garman, P.L.S.
Project Engineer: G. Mitchell King P.E. P.L.S.
Drawn By: DHT
Scale: 1" = 100'
0 50 100 200 300
Graphic Scale

FINAL SUBDIVISION AND LAND DEVELOPMENT PLAN

MERIDIAN

LOWER ALLEN TOWNSHIP - CUMBERLAND COUNTY, PA

OVERALL - POST CONSTRUCTION STORMWATER MANAGEMENT PLAN

CHN CONSTRUCTION

Office Locations: Lancaster, Oxford, Thorndale, Carnegie/Pittsburgh, New Holland, Quakertown, Reading

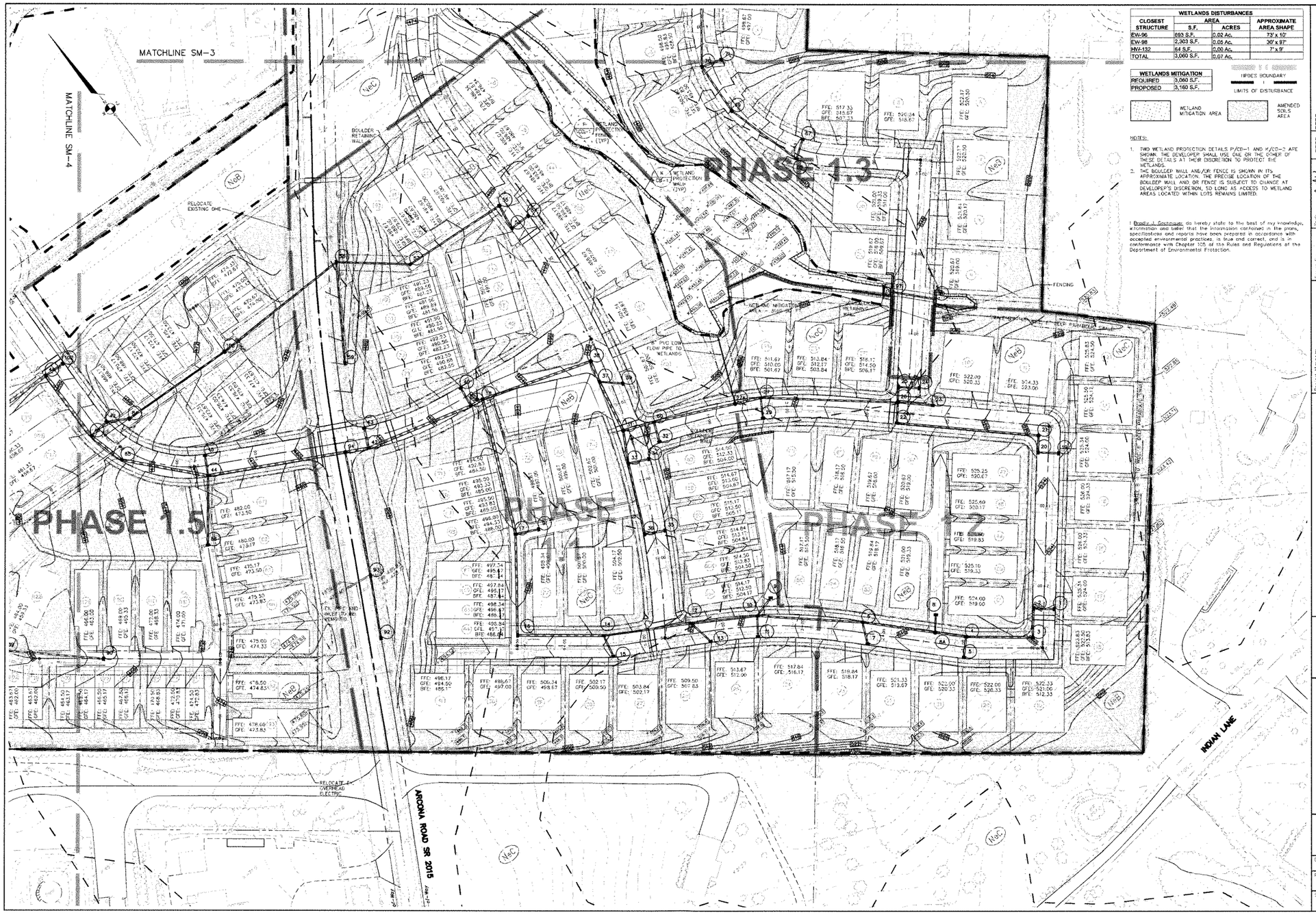
Civil and Site Engineering • Land Surveying • Landscape Architecture

Lake Roeder Hillard & Associates
315 West Gay Street, Suite 1
West Chester, PA 19380
Tel (717) 397-9037
Fax (717) 397-9086
www.LRHA.com

LRHA

Date: JUNE 20, 2011
Project No.: 07L016B
Sheet No.: 26
Section: SM-1

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WETLANDS DISTURBANCES			
CLOSEST STRUCTURE	AREA S.F.	AREA ACRES	APPROXIMATE AREA SHAPE
EW-96	693 S.F.	0.02 Ac.	73' x 10'
EW-98	2,303 S.F.	0.05 Ac.	30' x 97'
HW-132	64 S.F.	0.00 Ac.	7' x 9'
TOTAL	3,060 S.F.	0.07 Ac.	

WETLANDS MITIGATION	
REQUIRED	3,060 S.F.
PROPOSED	3,160 S.F.

NOTES:

1. TWO WETLAND PROTECTION DETAILS P/CD-1 AND P/CD-2 ARE SHOWN. THE DEVELOPER SHALL USE ONE OR THE OTHER OF THESE DETAILS AT THEIR DISCRETION TO PROTECT THE WETLANDS.
2. THE BOULDER WALL AND/OR FENCE IS SHOWN IN ITS APPROXIMATE LOCATION. THE PRECISE LOCATION OF THE BOULDER WALL AND OR FENCE IS SUBJECT TO CHANGE AT DEVELOPER'S DISCRETION, SO LONG AS ACCESS TO WETLAND AREAS LOCATED WITHIN LOTS REMAINS LIMITED.

I, Brandy L. Groshong, do hereby state to the best of my knowledge, all information and belief that the information contained in the plans, specifications and reports have been prepared in accordance with accepted environmental practices, is true and correct, and is in conformance with Chapter 105 of the Rules and Regulations of the Department of Environmental Protection.

Date	Revision
6/06/14	REV. PER COMMENTS
6/30/14	REV. PER LOWER ALLEN TWP. COMMENTS
7/24/14	REV. PER JOHN B. REVIEW COMMENTS
7/11/14	REV. PER LATA 7/11/14 COMMENTS LETTER

Seal: G. MITCHELL KING, PROFESSIONAL ENGINEER, No. PE044041

Drawn by: DHT

Scale: 1" = 50'

Project Manager: David B. Kegerize, P.E.

Project Surveyor: David C. Garman, P.L.S.

Project Engineer: G. M. King, P.E., P.L.S.

REVISED FINAL SUBDIVISION AND LAND DEVELOPMENT PLAN

HIGHPOINT

LOWER ALLEN TOWNSHIP – CUMBERLAND COUNTY, PA

POST CONSTRUCTION STORMWATER MANAGEMENT – PLAN

Office Locations: Lancaster, Oxford, New Holland

Lake Roeder Hillard & Associates
313 West Liberty Street, Suite 1
Lancaster, PA 17603
Tel (717) 397-9037
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www.LRHA.com

Civil and Site Engineering • Land Surveying • Landscape Architecture

LRHA

Date: June 13, 2014

Project No.: 07L016D

Sheet No.: 24 | Section: SM-2

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LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Street Sweeping Computation

Pollutant Reduction by Street Sweeping Program						
Lane Miles/ Acres	Sediment Load lbs/acre/year	Sediment Load lbs/year	SCP	Passes/ year	TSS Removal Rate	Load Removed lbs/year
165	**2065.1**	**340,741.5**	**SCP-6**	**4**	**2%**	**6814.83**

APPENDIX 4

BMPs for Load Reductions

- Computation Sheets

BMPs For Load Reduction

	A	B
1	**BMP Facility**	**Sediment Reduction lbs/year**
2	Moreland Basin	13,852.06
3	Sheepford Crossing East Basin	21,508.51
4	Sheepford Crossing West Basin	15,447.70
5	Westport Business Center Basin	60,263.13
6	Rossmoyne Business Center Basin	106,431.14
7	BJs Wholesale Club Basin	10,079.04
8	LAT Public Works Facility Basin	11,007.59
9	Weis Market/UMHC Basin	29,462.00
10	Heights of Beacon Hill Phases 1 and 2 Basin	17,015.83
11	Bethany Village West Basin B	32,864.59
12	**TOTAL**	**317,931.59**

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Pollutant Loading Reduction BMP

Name:	Moreland Basin	
Location:	Oxford Drive	
Storm Sewer Shed:	UAT1	
Soil Type:	B	
Drainage Area:	17.7 acres	
Impervious Area:	32%: 5.664 acres	
	Area: 5.664 acres x 2065.10 lbs/acre/year =	11,696.73 lbs/year
Pervious Area:	68%: 12.036 acres	
	Area: 12.036 acres x 306.95 lbs/acre/year =	3,694.45 lbs/year
	Subtotal:	15,391.18 lbs/year
Proposed BMP:	New retrofit of detention basin for bioretention	
	90% efficiency rate, per Table A-5: x 0.9	
	Total reduction:	13,852.06 lbs/year

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Pollutant Loading Reduction BMP

Name:	Sheepford Crossing East Basin	
Location:	Ewe Road	
Storm Sewer Shed:	YBC3	
Soil Type:	C	
Drainage Area:	44.98 acres	
Impervious Area:	32%: 14.39 acres	
	Area: 14.39 acres x 2065.10 lbs/acre/year =	29,716.79 lbs/year
Pervious Area:	68%: 30.59 acres	
	Area: 30.59 acres x 306.95 lbs/acre/year =	9,389.60 lbs/year
	Subtotal:	39,106.39 lbs/year
Proposed BMP:	New retrofit of detention basin for bioretention	
	55% efficiency rate, per Table A-5: x 0.55	
	Total reduction:	21,508.51 lbs/year

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Pollutant Loading Reduction BMP

Name:	Sheepford Crossing West Basin	
Location:	Lisburn Road/Sheepford Road	
Storm Sewer Shed:	CRT2	
Soil Type:	C	
Drainage Area:	32.3 acres	
Impervious Area:	32%: 10.336 acres	
	Area: 10.336 acres x 2065.10 lbs/acre/year =	21,344.87 lbs/year
Pervious Area:	68%: 21.964 acres	
	Area: 21.964 acres x 306.95 lbs/acre/year =	6,741.85 lbs/year
	Subtotal:	28,086.72 lbs/year
Proposed BMP:	New retrofit of detention basin for bioretention	
	55% efficiency rate, per Table A-5: x 0.55	
	Total reduction:	15,447.70 lbs/year

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Pollutant Loading Reduction BMP

Name:	Westport Business Center Basin	
Location:	Westport Drive	
Storm Sewer Shed:	CRT2	
Soil Type:	B	
Drainage Area:	77.01 acres	
Impervious Area:	32%: 24.64 acres	
	Area: 24.64 acres x 2065.10 lbs/acre/year =	50,884.06 lbs/year
Pervious Area:	68%: 52.37 acres	
	Area: 52.37 acres x 306.95 lbs/acre/year =	16,074.97 lbs/year
	Subtotal:	66,959.03 lbs/year
Proposed BMP:	New retrofit of detention basin for bioretention	
	90% efficiency rate, per Table A-5: x 0.9	
	Total reduction:	60,263.13 lbs/year

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Pollutant Loading Reduction BMP

Name:	Rossmoyne Business Center Basin	
Location:	Ritter Road	
Storm Sewer Shed:	CRM4	
Soil Type:	B	
Drainage Area:	135.99 acres	
Impervious Area:	32%: 43.52 acres	
	Area: 43.52 acres x 2065.10 lbs/acre/year =	89,873.15 lbs/year
Pervious Area:	68%: 92.47 acres	
	Area: 92.47 acres x 306.95 lbs/acre/year =	28,383.67 lbs/year
	Subtotal:	118,256.82 lbs/year
Proposed BMP:	New retrofit of detention basin for bioretention	
	90% efficiency rate, per Table A-5: x 0.9	
	Total reduction:	106,431.14 lbs/year

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Pollutant Loading Reduction BMP

Name:	BJs Wholesale Club Basin	
Location:	3805 Hartzdale Drive	
Storm Sewer Shed:	CRM2	
Soil Type:	C	
Drainage Area:	10.924 acres	
Impervious Area:	8.516 acres (per development plan)	
	Area: 8.516 acres x 2065.10 lbs/acre/year =	17,586.39 lbs/year
Pervious Area:	2.408 acres (per development plan)	
	Area: 2.408 acres x 306.95 lbs/acre/year =	739.14 lbs/year
	Subtotal:	18,325.53 lbs/year
Proposed BMP:	New retrofit of detention basin for bioretention	
	55% efficiency rate, per Table A-5: x 0.55	
	Total reduction:	10,079.04 lbs/year

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Pollutant Loading Reduction BMP

Name:	LAT Public Works Facility Basin	
Location:	1400 St. Johns Road	
Storm Sewer Shed:	CRM2	
Soil Type:	B	
Drainage Area:	7.14 acres	
Impervious Area:	5.71 acres (per development plan)	
	Area: 5.71 acres x 2065.10 lbs/acre/year =	11,791.72 lbs/year
Pervious Area:	1.43 acres (per development plan)	
	Area: 1.43 acres x 306.95 lbs/acre/year =	438.94 lbs/year
	Subtotal:	12,230.66 lbs/year
Proposed BMP:	New retrofit of detention basin for bioretention	
	90% efficiency rate, per Table A-5: x 0.90	
	Total reduction:	11,007.59 lbs/year

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Pollutant Loading Reduction BMP

Name:	Weis Market/UMHC Basin	
Location:	5120 Simpson Ferry Road	
Storm Sewer Shed:	CRM3	
Soil Type:	C	
Drainage Area:	36.36 acres	
Impervious Area:	24.12 acres (per development plan)	
	Area: 24.12 acres x 2065.10 lbs/acre/year =	49,810.21 lbs/year
Pervious Area:	12.24 acres (per development plan)	
	Area: 12.24 acres x 306.95 lbs/acre/year =	3,757.07 lbs/year
	Subtotal:	53,567.28 lbs/year
Proposed BMP:	New retrofit of detention basin for bioretention	
	55% efficiency rate, per Table A-5: x 0.55	
	Total reduction:	29,462.00 lbs/year

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Pollutant Loading Reduction BMP

Name:	Heights of Beacon Hill Phases 1 and 2 Basin	
Location:	Lowell Lane	
Storm Sewer Shed:	NC2	
Soil Type:	B	
Drainage Area:	21.5 acres	
Impervious Area:	7.00 acres (per development plan)	
	Area: 7.00 acres x 2065.10 lbs/acre/year =	14,455.70 lbs/year
Pervious Area:	14.50 acres (per development plan)	
	Area: 14.50 acres x 306.95 lbs/acre/year =	4,450.78 lbs/year
	Subtotal:	18,906.48 lbs/year
Proposed BMP:	New retrofit of detention basin for bioretention	
	90% efficiency rate, per Table A-5: x 0.9	
	Total reduction:	17,015.83 lbs/year

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Pollutant Loading Reduction BMP

Name:	Bethany Village West Basin B	
Location:	5225 Wilson Lane	
Storm Sewer Shed:	CRM3	
Soil Type:	B/C	
Drainage Area:	37.65 acres	
Impervious Area:	17.30 acres (per development plan)	
	Area: 17.30 acres x 2065.10 lbs/acre/year =	35,726.23 lbs/year
Pervious Area:	20.35 acres (per development plan)	
	Area: 20.35 acres x 306.95 lbs/acre/year =	6,246.43 lbs/year
	Subtotal:	41,972.66 lbs/year
Proposed BMP:	New retrofit of detention basin for bioretention	
	78.3% efficiency rate, per Table A-5 and prorated	
	For B and C soil types:	x 0.783
	Total reduction:	32,864.59 lbs/year

LOWER ALLEN TOWNSHIP
CUMBERLAND COUNTY
PENNSYLVANIA

National Pollutant Discharge Elimination System (NPDES)

Small Municipal Separate Storm Sewer System (MS4)

Pollution Reduction Plan (PRP)
September, 2017

Draft: 6-16-17

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA
National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer System (MS4)
Pollution Reduction Plan (PRP) – September, 2017

Description

Lower Allen Township (LAT) is a Township of the First Class consisting of 6546.70 acres. The majority of the Township is in the Yellow Breeches Creek (YBC) watershed. Small areas drain to the Borough of New Cumberland (32.95 acres, or 0.005%) and Upper Allen Township (43.63 acres, or 0.007%). All drainage from LAT is in the Susquehanna River watershed.

LAT is further mapped into storm sewer sheds, as follows:

	SS Shed	Acres	%/100
Cedar Run-Main	CRM1	216.56	0.033079261
	CRM2	656.28	0.100245925
	CRM3	960.29	0.146683062
	CRM4	318.61	0.048667267
Cedar Run-Tributary	CRT1	464.57	0.07096247
	CRT2	893.13	0.136424458
New Cumberland	NC1	4.9	0.000748469
	NC2	28.05	0.004284601
Upper Allen Township	UAT1	43.63	0.006664426
Yellow Breeches Creek	YBC1	146.87	0.022434203
	YBC2	548.44	0.083773504
	YBC3	1495.66	0.22846014
	YBC4	588.87	0.089949135
YBC-Tributary	YBT1	180.84	0.027623077
	Total	6546.7	1

Approach

LAT was preparing the PRP in accordance with the PRP Instructions distributed by the Pennsylvania Department of Environmental Protection (DEP), identified as 3800-PM-BCW0100k 5/2016. Following DEP's revisions to these instructions, LAT revised the PRP to follow the instructions identified as 3800-PM-BCW0100k Rev. 3/2017. The following approach was used:

1. Determine Planning Area, using total area of the MS4, minus areas that are parsed out.
2. Identify pollutants of concern, and required loading reductions.
3. Identify appropriate methods/best management practices (BMPs) to achieve required loading reductions.
4. Prepare Draft PRP, and present for public comment.
5. Submit Final PRP to DEP.

Summary

1. Planning Area

6546.70 acres	Total area, LAT
-2980.38 acres	Total parsed area
3566.32 acres	Planning Area

2. Loading Rates for Sediment:

Impervious, 32%: 1141.22 acres x 2065.10 lbs/acre/year = 2,356,733.42 lbs/year
Pervious, 68%: 2425.10 acres x 306.95 lbs/acre/year = + 744,384.45 lbs/year
Total calculated load: 3,101,117.87 lbs/year
Street sweeping credit: - 6,814.83 lbs/year
Base Loading: 3,094,303.04 lbs/year
Target 10% Reduction: 309,430.30 lbs/year
Computed reduction: 317,931.59 lbs/year

In accordance with 3800-PM-BCW0100k Rev. 3/2017, it is assumed that TP and TN goals are achieved when 10% reduction in sediment is achieved.

3. Pollutants of concern

According to the DEP MS4 Requirements Table (Municipal). Dated 5/9/2017, the pollutants of concern are as follows:

a. Appendix B – Pathogens
b. Appendix C – PCB
c. Appendix D – Nutrients, Siltation
d. Appendix E – Organic Enrichment/Low D.O., Siltation

In accordance with DEP's Pollutant Aggregation Suggestions for MS4 Requirements Table, dated April 4, 2017, LAT's approach is to locate all BMPs with the Yellow Breeches Creek watershed, since 98.83% of the Planning Area is within that watershed.

4. BMPs selected

BMPs were selected based on data in the *Recommendations of the Expert Panel to Define Removal Rates for Urban Stormwater Retrofit Projects*, published by Chesapeake Stormwater Network, last Revised January 20, 2015.
The PRP includes retrofit of nine existing dry detention basins to bioretention areas/basins, with runoff reductions computed in accordance with Table A-5 in Appendix A of the referenced *Recommendations.*

PRP Elements

A. Public Participation
   a. A copy of the public notice is included in Appendix 1.
   b. A copy of written comments received from the public is included in Appendix 1.
   c. A copy of LAT's consideration of all timely comment received in the public comment period is included in Appendix 1.

B. Maps

   Maps showing the following information are included in Appendices:
   a. Storm sewer shed boundaries – Appendix 2
   b. Existing land uses – Appendix 2
   c. Parsed areas – Appendix 3

C. Pollutants of Concern

   According to DEP's MS4 Requirements Table, last revised 5/9/2017, pollutants of concern are as follows:

Susquehanna River	PCB
Chesapeake Bay	Nutrients, Siltation
Yellow Breeches Creek	Pathogens
UNT to Yellow Breeches Creek	Organic Enrichment/Low D.O., Siltation
Cedar Run	Pathogens, Nutrients, Siltation

1. Appendix B

   For Pathogens, LAT will follow the requirements specified by DEP in Appendix B, Pollutant Control Measures for Waters Impaired by Pathogens, as follows:
   a. Prepare maps showing affected storm sewer sheds and outfalls that discharge to subject surface waters.
   b. Develop inventory of all suspected and known sources of bacteria in stormwater within the storm sewer shed. This will be implemented by identifying non-stormwater discharges during outfall inspections that are done as part of MCM No. 3, Illicit Discharge Detection and Elimination (IDD and E). Also, information gathered through enforcement of the LAT Act 167 Stormwater Management Ordinance will be used to identify these sources.
   c. Investigate each known and suspected source, including stormwater sampling when needed.
   d. The results and progress of each investigation will be documented and included in Annual MS4 Status Reports.

2. Appendix C

For Priority Organic Compounds, LAT will follow the requirements specified by DEP in Appendix C, Pollutant Control Measures for Waters Impaired by Priority Organic Compounds, as follows:

a. Prepare maps showing affected storm sewer sheds and outfalls that discharge to subject surface waters.
b. Develop inventory of all suspected and known anthropogenic sources of Priority Organic Compounds in stormwater within the storm sewer shed. This will be implemented by identifying non-stormwater discharges during outfall inspections that are done as part of MCM No. 3, Illicit Discharge Detection and Elimination (IDD and E). Also, information gathered through enforcement of the LAT Act 167 Stormwater Management Ordinance will be used to identify these sources.
c. Investigate each known and suspected source, including stormwater sampling when needed.
d. Notify DEP in writing if the source of discharge is found to be an industrial site.
e. The results and progress of each investigation will be documented and included in Annual MS4 Status Reports.

3. Appendix D

Chesapeake Bay Pollutants of Concern and required reductions are as follows:

a. Sediment: 10%
b. Total Nitrogen (TN): 5%
c. Total Phosphorus (TP): 3%

In accordance with DEP PRP Instructions, 3800-PM-BCW0100k Rev. 3/2017, Section I.B, the approach used by LAT will be to achieve a 10% reduction in sediment, as it is expected that TP and TN goals will be achieved when a 10% reduction in sediment is achieved.

D. Existing Loading for Pollutants of Concern

1. DEP has determined the following sediment loading rates for Cumberland County:

Impervious developed: 2056.10 lbs/acre/year
Pervious developed: 306.95 lbs/acre/year

2. DEP has determined that LAT is 32% impervious, and 68% pervious. These figures were used to compute loading rates where more accurate pervious/impervious data was not available. Where more accurate, site-specific data was available, it was used to compute loading rates.

3. Sediment Loading Rate Computation:

Impervious, 32%: 1141.22 acres x 2065.10 lbs/acre/year = 2,356,733.42 lbs/year
Pervious, 68%: 2425.10 acres x 306.95 lbs/acre/year = + 744,384.45 lbs/year
Total calculated load: 3,101,117.87 lbs/year
Street sweeping credit: - 6,814.83 lbs/year

Base Loading:	**3,094,303.04 lbs/year**
Target 10% Reduction:	**309,430.30 lbs/year**
Computed reduction:	**317,931.59 lbs/year**

E. BMPs for Loading Reduction

1. LAT proposes to achieve the required pollutant load reduction through retrofit projects of existing detention basins. The retrofits will consist of converting existing dry detention basins to bioretention facilities. This will occur at 10 locations, four owned by LAT and six privately owned. Easements are proposed to allow LAT to construct, operate and maintain the BMPs at the privately owned facilities.
2. The proposed locations and associated reductions are as follows:

BMP Facility	Sediment Reduction lbs/year
Moreland Basin	13,852.06
Sheepford Crossing East Basin	21,508.51
Sheepford Crossing West Basin	15,447.70
Westport Business Center Basin	60,263.13
Rossmoyne Business Center Basin	106,431.14
BJs Wholesale Club Basin	10,079.04
LAT Public Works Facility Basin	11,007.59
Weis Market/UMHC Basin	29,462.00
Heights of Beacon Hill Phases 1 and 2 Basin	17,015.83
Bethany Village West Basin B	32,864.59
TOTAL	**317,931.59**

Computation worksheets for each proposed BMP are included in Appendix 4.

F. Funding

1. The proposed projects will be paid for by the taxpayers of Lower Allen Township. The Township is considering the implementation of a stormwater fee. Whether or not that occurs, Lower Allen Township property owners will pay for these projects mandated by DEP through increased taxes and/or fees.

G. Operation and Maintenance Responsibilities

1. Lower Allen Township will retain ownership and maintenance responsibilities of BMPs installed as part of this program.

Public Notice

Availability of Chesapeake Bay Pollution Reduction Plan (CBPRP)
For Lower Allen Township

Lower Allen Township's CBPRP is available for public viewing at the Township Office, 2233 Gettysburg Road, Camp Hill, Pa., from 8:00 AM to 4:00 PM weekdays. Comments will be received at the regular public meeting of the Board of Commissioners on Monday, July 10, 2017, at 7:00 PM at the Township Office. Written comments will be received until July 31, 2017. The plan may also be viewed on the Township website: www.latwp.org .

Thomas G. Vernau, Jr.
Township Manager

ATTACHMENT # 15

ANNUAL MS-4 MEETING & ADVERTISEMENT

MINUTES

BOARD OF COMMISSIONERS **LOWER ALLEN TOWNSHIP**

REGULAR MEETING **MARCH 12, 2018**

The following were in ATTENDANCE:

BOARD OF COMMISSIONERS
H. Edward Black, President
Jack R. Simpson Jr., Vice President
Richard F. Schin
Dean W. Villone
Carolyn Holtzman

TOWNSHIP PERSONNEL
Thomas G. Vernau Jr., Township Manager
Erin G. Trone, Assistant Township Manager
David Holl, Public Safety Director
Daniel Flint, Public Works Director
Richard Grove, Finance Director
John Eby, Building & Zoning Coordinator
Steven P. Miner, Solicitor
Julie Echterling, Recording Secretary

President Black called the March 12, 2018 Regular Meeting of the Board of Commissioners to order at 7:00 pm followed by a prayer and the Pledge of Allegiance. He announced that Proof of Publication was available for review.

MEETING MINUTES

Commissioner **VILLONE** made a motion to approve the minutes from the February 26, 2018 meeting of the Board of Commissioners. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

AUDIENCE PARTICIPATION: ANY ITEM ON THE AGENDA

There was no response.

BID OPENING: 2018 STREET PAVEMENT

The following bids & bid bonds were received for the 2018 street pavement recycling and resurfacing project:

1. Kinsley Construction - $569,984.00
2. Pennsy Supply, Inc. - $598,378.40

PRESENTATION: MS4

Rebecca Davis provided a presentation to the Board on the Township's Stormwater Management Program as part of the National Pollutant Discharge System (NPDS) Phase 2 Municipal Separate Storm Sewer System (MS4) Permit. She provided a background on why and how the program works. She discussed example pictures where pollutants were able to infiltrate the storm sewer system. Storm water pollutants were discussed, including sediments. She discussed the following Township storm water program Minimum Control Measures (MCMs):

1. Public Education and Outreach
2. Public Involvement/Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-Construction Storm Water Management
6. Pollution Prevention/Good Housekeeping.

She spoke about the annual report and permitting process for the Township. She discussed the Chesapeake Bay Pollution Reduction Program for the Township including the requirement to reduce pollutants within the next 5 years by 10%.

Commissioner Schin asked how the Township could control some of the issues discussed including oil on the street. Mrs. Davis stated that educating the public is the best way to help control these issues. Commissioner Simpson asked about how the stormwater fee would affect places like the Capital City Mall. Mr. Vernau spoke about the consultant study and how they would be assisting the Township with developing a fee. Commissioner Simpson asked about the requirement we have about no grass clippings in the street but then ask the residents to rake all their leaves into the street. He thought maybe having the leaves put in the yard close to the street would be better. Mr. Flint discussed the pickup program the Township has and hadn't considered leaving them in piles in the yards. The Board thanked Mrs. Davis for her presentation.

CONSENT AGENDA

President Black stated that any Commissioner, staff member, or anyone in attendance who would like to have an item on the Consent Agenda removed for further discussion can request so now. There was no response.

Commissioner **SCHIN** made a motion to approve the following items on the Consent Agenda:

1. SLD Docket No. 2017-06, Revised Overall Master Plan (OMP) for Arcona. Traditional Neighborhood Development (TND) on 247 acres.
2. Modification of the requirement contained in Section 192-57.C(9) to provide sidewalks along all street frontage for SLD Docket No. 2017-07, Preliminary Subdivision and Land Development Plan for Arcona Phase 2.3, to allow: construction of a bituminous path in lieu of a concrete sidewalk along the west side of Arcona Road and the east side of Strong Road; and to allow construction of sidewalk on one side of Market House Lane and Ruth Way, in the locations shown, such that no sidewalk would be constructed along the Arcona Green frontage with these streets.
3. Waiver of the requirement in Section 192-57.B(2)(b) that new lots have frontage and access on a street for SLD Docket No. 2017-07, Preliminary Subdivision and Land Development Plan for Arcona Phase 2.3, to allow frontage and access from alleys.
4. Modification of the curb construction requirements in Section 192-63.A(3) for SLD Docket No. 2017-07, Preliminary Subdivision and Land Development Plan for Arcona Phase 2.3, to allow construction of Belgian Block Curbs in the locations shown on the plan.

These waivers and modifications are not contrary to the public interest, and they maintain the purpose and intent of the Subdivision and Land Development Ordinance.

5. SLD Docket No. 2017-07, Preliminary Subdivision and Land Development Plan for Arcona Phase 2.3. Proposed mixed-use development of 13.331 acres with: 99 attached single-family dwelling units; 18,000 square feet of commercial space; and 1.75 acres of open space.
6. Modification to the requirement in Section 192-51,C for SLD Docket No. 2018-03, Final Subdivision and Land Development Plan for Arcona Phase 2.3, to allow the Final Plan to be recorded prior to issuance of a Highway Occupancy Permit (HOP) by PennDOT. The HOP must be issued prior to occupancy of any units within the Plan.
7. Modification to the requirements of Section 192-60.I for SLD Docket No. 2018-03, Final Subdivision and Land Development Plan for Arcona Phase 2.3, to allow fees in lieu of recreation land to be paid as construction permits are issued, rather than before the plan is recorded.

These waivers and modifications are not contrary to the public interest, and they maintain the purpose and intent of the Subdivision and Land Development Ordinance.

8. SLD Docket No. 2018-03, Final Subdivision and Land Development Plan for Arcona Phase 2.3. Proposed mixed-use development of 13.331 acres with: 99 attached single-family dwelling units; 18,000 square feet of commercial space; and 1.75 acres of open space contingent upon the following:
    a. Providing the executed Developers Agreement and related Improvement Security.
    b. Approval by Cumberland County Conservation District.
    c. Approval by Lower Allen Township Authority and PaDEP.
9. Release Fire Captain Frank Wirth from Probationary Period.

Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

PRESIDENT BLACK

Check Register

Commissioner **SCHIN** made a motion to approve the Check Register of March 1, 2018 in the amount of $166,553.04, Voided Check Register of February in the amount of $2,588.69 and Replacement Check Register of February in the amount of $277.50. Commissioner **VILLONE** seconded the motion. Motion carried 5-0.

Wass Park – Memorial for Jim Chianos

Commissioner **SCHIN** made a motion to name Field #2 at Wass Park Chianos Field in memory of Jim Chianos. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Mr. Vernau stated that there would be a dedication and spoke about the funds received in his honor. He stated that Greg Black would donate a tree for the field. He spoke about the history of memorial requests for the Township and our policy that plaques be limited in size.

ANY BUSINESS PERTINENT TO THE TOWNSHIP

There was no response.

PUBLIC SAFETY

Ordinance 2018-02, amending Chapter 61, Alarms

Director Holl spoke about the needed changes in the Alarm Ordinance. He spoke about the language update to include changes in technology. He discussed some corrections and additions that were needed and added.

Commissioner **SCHIN** made a motion to authorize the advertising of Ordinance 2018-02, deleting Chapter 61, Alarms, of the Codified Ordinances of Lower Allen Township and enacting new Chapter 61, Alarms. Commissioner **VILLONE** seconded the motion. Motion carried 5-0.

Permission to activate the Civil Service Commission.

Director Holl asked the Board to activate the Civil Service Commission. Staff would like to participate in the Cumberland County Police Testing Consortium in May. While there are no new officers budgeted, participating would provide the ability to create a list of eligible candidates in case a need arises.

Commissioner **SCHIN** made a motion to activate the Civil Service Commission. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Purchase three Ford AWD Police Interceptor Utility (SUV) Explorer Vehicles.
Director Holl discussed the purchase of three Ford All-Wheel Drive Police Interceptors as outlined in the 2018 budget. He stated that the budgeted amount per vehicle is $40,000, and they are available for $30,565.68 each. This will leave funds to change over the equipment and outfit the vehicles with replacement equipment where necessary. The Board agreed to the purchase.

Preemption Device Addition to Carlisle Road and Gettysburg Road Intersection.
Director Holl discussed his memo for upgrading the Carlisle Road and Gettysburg Road signal with an Emergency Vehicle Preemption device. The cost of $7,500 is less than the $10,000 budgeted. The Board agreed to the purchase.

COMMUNITY AND ECONOMIC DEVELOPMENT

Sidewalk Inspection Program
Mrs. Trone discussed her memo outlining the changes to the Sidewalk Inspection Program staff would like to make. In 2018, the sidewalk inspections would be done in western Highland Park. She discussed the current system and how they would like to start to inform the residents in January that sidewalks need to be replaced. She spoke about the goodwill and time it would provide the residents to save for the repair/replacement. Commissioner Simpson asked if there was a list of contractors that could be provided to residents. Mr. Vernau stated that in the past they did an RFP and presented it to the residents if they wanted to use that contractor. He spoke about the issues this presented and how contractors may not want to participate. Commissioner Simpson and Villone asked if they could include an expected price by foot in the letter to help the resident. Mr. Flint stated that staff can offer help at the site and we normally give 60 days to repair the sidewalks.

Zoning Hearing Board Report
Mr. Eby discussed Docket #2018-01 for Ruby Partners for the property located at 4937 Gettysburg Road. He showed the Board the location on the map. He spoke about their request to exceed the maximum building height requirements in the C-2 zone from 40' to 46'. He stated that the request is reasonable and in character to the surrounding area. He asked the Board to authorize the Solicitor to attend because of the unaddressed blight conditions of the property over the past 2 years.

Commissioner **SIMPSON** made a motion to authorize the Township Solicitor to attend the Zoning Hearing Board meeting on March 15, 2018. Commissioner **SCHIN** seconded the motion. Motion carried 5-0.

MANAGER

Public Hearing – Monday April 9th – Weis Market – Restaurant Liquor License
Mr. Vernau asked the Board for permission to advertise a public hearing to discuss the request by Weis Market to transfer a restaurant liquor license into the Township. He stated that they did this in the past with their location on Simpson Ferry Road.

Commissioner **SCHIN** made a motion to advertise a public hearing for 6:00pm on Monday April 9th, on the request by Weis Market, Inc to transfer Restaurant Liquor License R-15960 from New Cumberland Borough to Lower Allen Township for use at their store at 1195 Lowther Road. Commissioner **SIMPSON** seconded the motion. Motion carried 5-0.

Employee Recognitions
Mr. Vernau stated that Carole O'Keefe would be recognized for 5 years and Ken Rocuskie for 35 years of service at the next meeting.

COMMISSIONERS REPORTS

Mr. Flint stated that they checked out Belmont Ave from the resident's comments last meeting. They will be making improvements once the winter is over.

Mr. Eby spoke about the stakeholders' meeting held to discuss the upcoming summer and proper use of the water trail. The County will make public announcements. Messiah will use social media to inform the public when they are closed. He spoke about the upcoming Trout Day March 31st and the events for the day including cleanup efforts. Mr. Vernau reminded the Board about the Strategic Planning scheduled for March 31st at the Hershey Country Club. He will send a reminder.

Commissioner Villone spoke about the training with PML and the MS4 portion of the training. He provided the Township a signed book by James Hunt who wrote *The Amazing City*. He spoke about the great turnout for the Lisburn Fire Turkey Dinner. He asked about the Authority memo of the cost to connect being $19,000 and waiving $13,000 and asked where the monies came to waive it. Solicitor Miner stated that the Authority manages their monies well and these residents will have additional costs.

Commissioner Schin spoke about the letter the Board received from Lisburn Fire about Lisburn Road being closed and their festival. Mr. Vernau suggested that it may not be as bad as they think, and it will be a simple detour. Director Holl stated that he is working the Chief to develop trail blazer signs to help them find the detour. Commissioner Simpson asked if the soccer associations were notified of these detours. Commissioner Schin asked about the house across from the Capital City Mall. Mr. Eby stated that it is in living trust and not sure anyone is living there.

Director Holl stated that the Fire Companies did a great job with the fire last night on St. John's Road.

Mrs. Trone stated that she would be presenting at the March 23rd PA Summit on bike and pedestrian connections.

President Black stated that he attended the Lisburn Turkey dinner yesterday and was asked if for the New Year's Eve Celebration with raising the yellow breeches if it would be cheaper to change out the flag pole versus renting a lift each year. Also, residents are concerned about the increased truck traffic and speed on Lisburn Road. Director Holl stated that he reached out to PennDOT about lowering the speed on the road and they said no. President Black asked if we could send a letter about the trucks as there is little room for the residents to get their mail or cut their grass and are concerned for safety with the trucks. Commissioner Schin agreed with President Black.

ADJOURNMENT

The Regular Meeting of the Board of Commissioners adjourned at 8:52 pm.

Stormwater Program Meeting

Lower Allen Township is issued a permit from the PaDEP to operate the Municipal Separate Storm Sewer System (MS4). As part of that permit, a presentation on the Township's Stormwater Program is made annually at an advertised public meeting. That presentation for 2018 will be held in conjunction with the regular Board of Commissioners meeting on Monday, March 12, 2018, beginning at 7:00 PM at the Township Office, 2233 Gettysburg Road, Camp Hill, Pa. The public is invited to attend and participate.

Lower Allen Township
MS4 Program

Annual Update
And
Public Meeting

March 12, 2018

NPDES Phase 2 MS4 Program

- What is MS4?
  - Municipal
  - Separate
  - Storm
  - Sewer
  - System

Background

A PROGRAM UNDER WHICH A MUNICIPALITY IS ISSUED A PERMIT TO DISCHARGE STORMWATER INTO THE CHESAPEAKE BAY

THE INTENT OF THE MS4 PROGRAM IS TO REDUCE POLLUTANTS INTO WATERS OF THE COMMONWEALTH

THE MS4 PROGRAM IS REGULATED BY BOTH THE UNITED STATES DEPARTMENT OF ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION (PADEP)

Storm Water Permit Program for Small Communities

- Federal regulation requires permit for our community
  - National Pollutant Discharge Elimination System (NPDES)
- PA DEP created state permitting program to meet federal regulation

HOW DOES THE MS4 PERMIT WORK?

MUNICIPALITIES ACQUIRE A NPDES PERMIT THAT COVERS A 5 YEAR PERIOD.

THE PERMIT REQUIRES THE MUNICIPALITY TO MEASURE IT'S EFFORTS TO REDUCE POLLUTANTS IN 6 DIFFERENT AREAS.

ANNUALLY, THE MUNICIPALITY MUST REPORT TO PADEP ON HOW THEY HAVE IMPROVED, CHANGED, AND MANAGED THESE AREAS IN ORDER TO MAINTAIN COMPLIANCE WITH THEIR PERMIT.

MINIMUM CONTROL MEASURES MUST BE RE-EVALUATED ANNUALLY TO DETERMINE COMPLIANCE.

Minimum Control Measures (MCMs)

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Stormwater Runoff Control
- Post Construction Stormwater Management
- Pollution Prevention/Good Housekeeping

GENERAL MS4 PERMIT INFORMATION

NPDES MS4 PAG 133711



- Effective Date: April 1, 2013
- Expiration Date: March 15, 2018

2018 General MS4 Permit

- Effective Date: March 16, 2018
- Expiration Date: March 15, 2023
- First reporting period ends on June 30, 2018
- First Annual Report due September 30, 2018 (April 1, 2017- June 30, 2018)
- All subsequent Annual Reports due September 30 and will cover the reporting period of July 1 – June 30





Clean Water






09/23/2010 10:40

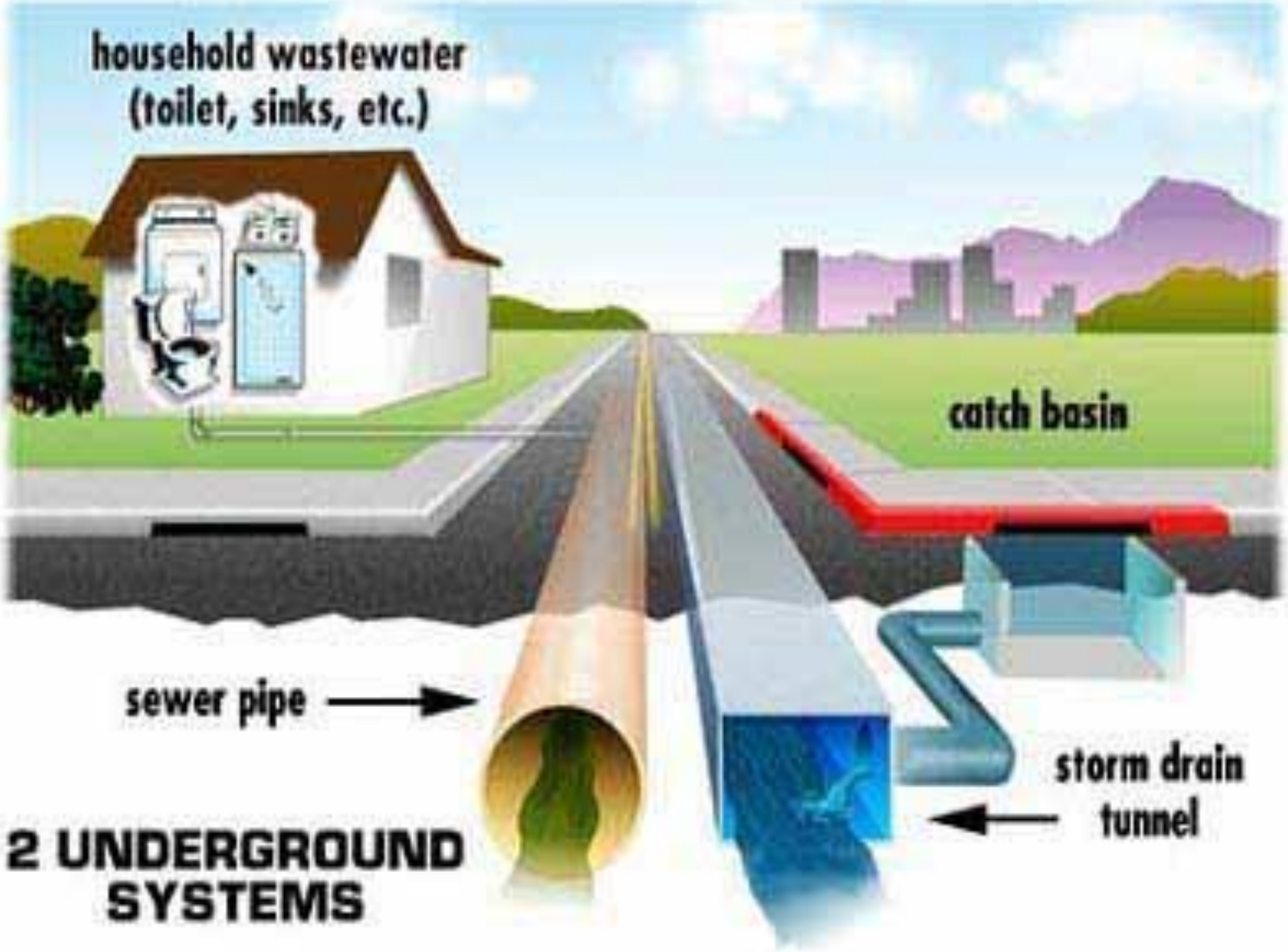





STOP

Storm Water Pollutants

- Sediment
- Nutrients
- Bacteria
- Oxygen Demand
- Oil and Grease
- Trace Metals
- Toxic Chemicals
- Chlorides
- Thermal Impacts


household wastewater
(toilet, sinks, etc.)
catch basin
sewer pipe
storm drain
tunnel
2 UNDERGROUND
SYSTEMS

LAT Storm Water Program

- Public Education and Outreach
- Public Involvement/ Participation
- Illicit Discharge Detection and Elimination
- Construction Site Runoff Control
- Post-Construction Storm Water Management
- Pollution Prevention/Good Housekeeping

MCM #1 - Public Education and Outreach

- Distribute educational materials developed by PA DEP
- Develop outreach plan for community
- Educate public on water quality impacts due to stormwater runoff and steps for reduction of pollutants

MCM #2 - Public Involvement/Participation

- Provide public notice
- Create a public involvement plan
- Hold a public meeting on the program
- Support volunteer programs
  - Water Quality Monitoring
  - Storm Drain Identification
  - Stream Clean-Ups

MCM #3 - Illicit Discharge Detection and Elimination

- Enact DEP's model ordinance or update our existing ordinance
- Develop storm sewer system map
- Implement program to detect non-storm water in system. Create a reporting mechanism for residents
- Educate community on problems related to dumping in storm sewers

MCM #4 - Construction Site Storm Water Runoff Control

- Enact DEP's model ordinance or update our existing ordinance
- Coordinate with County Conservation District
  - Erosion and Sediment Control Program
  - NPDES Construction Storm Water Permitting
- Educate construction industry – add contractors/builders to Target Audience List

MCM #5 - Post-Construction Storm Water Management

- Adopt PA DEP's model storm water management ordinance
- Ensure proper operation and maintenance of post-construction controls
- Continue BMP monitoring through annual mailing and reporting system

MCM #6 - Pollution Prevention/ Good Housekeeping

- Implement O & M program that focuses on pollution prevention
- Train municipal employees on good housekeeping practices
- Educate community on pollution prevention

Lower Allen Township MS4 Program Near Term Efforts

- *Complete and submit annual report*
- *Refine and continue implementation of SWMP*
- *Additional program documentation*
- *Evaluate new permit requirements and prepare implementation schedule*
- *Implement Chesapeake Bay Pollution Reduction Plan (PRP)*

Chesapeake Bay Pollution Reduction Program

- LAT is required to reduce pollutants within the next 5 year permit term period by a 10% reduction in sediment
- A PRP (Pollution Reduction Plan) has been submitted to DEP by LAT
- The PRP proposes retrofitting 10 SWM basins to bioretention areas/basins in the township to reduce pollutants to the waters of the commonwealth

Lower Allen Township MS4 Program Longer Term Efforts

- Revise Target audience list as needed
- Step up Public Involvement and Participation and Outreach
- Prepare for program changes in PAG -13
- Greater emphasis on Water Quality

Public Comments

Questions?

For More Information. . .

Daniel Flint, P.E.

- dflint@latwp.org
- 717-975-7575 ext 1101

Township Engineer/Public Works Director

Rebecca Davis

- rdavis@latwp.org

717-975-7575 ext 1010

Township MS4 Coordinator

5314506

Order Confirmation

Ad Order Number 0008535797

Customer

LOWER ALLEN TOWNSHIP
*Account:*1125
LOWER ALLEN TOWNSHIP
2233 GETTYSBURG RD,
CAMP HILL PA 17011 USA
(717)975-7575

FAX:7177374182
HGrundon@latwp.org

Payor Customer

LOWER ALLEN TOWNSHIP
Account: 1125
LOWER ALLEN TOWNSHIP
2233 GETTYSBURG RD,
CAMP HILL PA 17011 USA
(717)975-7575

PO Number

Sales Rep. Marianna Aldridge
Order Taker Marianna Aldridge
Order Source Phone
Special Pricing

Tear Sheets	0	*TearsheetsCost*	$0.00	*Net Amount*	$80.05
Proofs	0			*Tax Amount*	$0.00
Affidavits	1	*AffidavitsCost*	$5.00	*Total Amount*	$80.05
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Materials				*Amount Due*	$80.05
Invoice Text					

Ad Schedule

Product	The Patriot News	*Placement/Class*	Main Legals
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External Ad #		*Color*	<NONE>
Production Method	AdBooker	*Production Notes*	

Run Dates 02/27/2018 *Sort Text* STORM500PROGRAMMEETINGLOWERALLENTOWNSHIPISISSUEDAPERMITFROMTHEPADEPTOOPERATETHEMUNI

Product	PennLive.com	*Placement/Class*	Main Legals
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Pick Up #	0008526644	*Ad Attributes*	
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Production Method	AdBooker	*Production Notes*	

Run Dates 02/27/2018 *Sort Text* STORM500PROGRAMMEETINGLOWERALLENTOWNSHIPISISSUEDAPERMITFROMTHEPADEPTOOPERATETHEMUNI

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0008535797-01

Ad Content Proof

Stormwater Program Meeting

Lower Allen Township is issued a permit from the PaDEP to operate the Municipal Separate Storm Sewer System (MS4). As part of that permit, a presentation on the Township's Stormwater Program is made annually at an advertised public meeting. That presentation for 2018 will be held in conjunction with the regular Board of Commissioners meeting on Monday, March 12, 2018, beginning at 7:00 PM at the Township Office, 2233 Gettysburg Road, Camp Hill, Pa. The public is invited to attend and participate.

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ATTACHMENT # 16

YELLOW BREECHES CLEANUP EVENT



Lower Allen Township's Facebook Page – Trout Day and Yellow Breeches Cleanup Post 3/29/18

ATTACHMENT # 17

PADEP HANDOUT – CONSTRUCTION SITE RUNOFF

Don't Let Storm Water Run Off With Your Time and Money!

What the Construction Industry Should Know About Storm Water In Our Community

What is Storm Water?

Storm water is water from precipitation that flows across the ground and pavement when it rains or when snow and ice melt. The water seeps into the ground or drains into what are commonly called storm sewers. These are the drains you see at street corners or at low points on the sides of streets. Collectively, the draining water is called **storm water runoff.**

The construction industry plays an important role in improving our community's quality of life by not only providing new development, but also protecting our streams and rivers through smart business practices that prevent pollution from leaving construction sites.

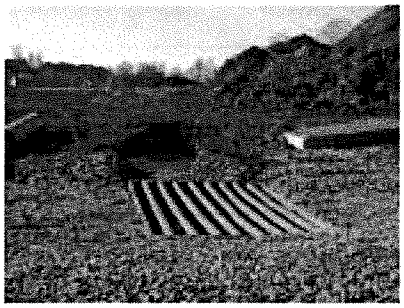
Storm water runoff leaving construction sites can carry pollutants such as dirt, construction debris, oil, and paint off-site and into storm drains. In our community, storm drains carry storm water runoff directly to local creeks, streams, and rivers with no treatment. Developers, contractors, and homebuilders can help to prevent storm water pollution by taking the following steps:

1. Comply with storm water permit requirements.
2. Practice erosion control and pollution prevention practices to keep construction sites "clean."
3. Conduct advanced planning and training to ensure proper implementation on-site.

The remainder of this fact sheet addresses these three steps.

Storm Water Permit Requirements for Construction Activity

Planning and permitting requirements exist for construction activities. These requirements are intended to minimize storm water pollutants leaving construction sites.

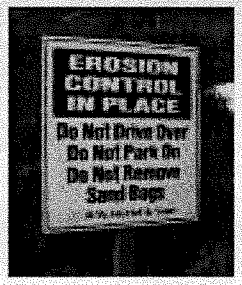


- Pennsylvania's Erosion and Sediment Pollution Control Program (25 Pa. Code, Chapter 102) requires Erosion and Sediment Control Plans for all earth disturbing activities.
- The National Pollutant Discharge Elimination System (NPDES) Permit Program (25 Pa. Code, Chapter 92) requires that construction activities disturbing greater than one acre submit a Notice of Intent for coverage under a general NPDES permit.

Knowing your requirements before starting a project and following them during construction can save you time and money, and demonstrate that you are a partner in improving our community's quality of life. For more information about these programs, contact your local county conservation district office or the Department of Environmental Protection.

Erosion Control Practices:

- Perimeter controls (e.g. silt fence)
- Sediment traps
- Immediate revegetation
- Phased, minimized grading
- Construction entrance
- Protection of streams and drainage ways
- Inlet protection



An Ounce of Prevention

Rain that falls onto construction sites is likely to carry away soil particles and other toxic chemicals present on construction sites (oil, grease, hazardous wastes, fuel). Storm water, if not properly managed, carries these pollutants to streams, rivers, and lakes. Erosion and sediment control practices can serve as a first line of defense,

CONTRACTOR LISTING

Application # _____ Site Address: _____

General Contractor

Business Name		
Contact		Telephone
Address		Email
City	State	Zip
Fax	Mobile	WCIV #

Electrical Contractor

Business Name		
Contact		Telephone
Address		Email
City	State	Zip
Fax	Mobile	WCIV #

Plumbing Contractor

Business Name		
Contact		Telephone
Address		Email
City	State	Zip
Fax	Mobile	WCIV #

HVAC Contractor

Business Name		
Contact		Telephone
Address		Email
City	State	Zip
Fax	Mobile	WCIV #

Design Professional Contact

Business Name		
Contact		Telephone
Address		Email
City	State	Zip
Fax	Mobile	WCIV #

USE ADDITIONAL SHEETS IF NEEDED

REVISED – 2.4.2014

Pollution Prevention Practices:

- Designated fueling and vehicle maintenance area away from streams.
- Remove trash and litter.
- Clean up leaks immediately.
- Never wash down dirty pavement.
- Place dumpsters under cover.
- Dispose of all wastes properly.

minimizing clean up and maintenance costs, and the impacts to water resources caused by soil erosion during active construction. Erosion controls can reduce the volume of soil going into a sediment control device, such as a sediment trap, therefore, "clean out" frequencies are lower and maintenance costs are less. When possible, divert water around the construction site using berms or drainage ditches.

In addition, use pollution prevention and "good housekeeping measures" to reduce the pollution leaving construction sites as well. This can be as simple as minimizing the pollution source's contact with rainwater by covering it, maintaining a "clean site" by reducing trash and waste, and keeping vehicles well maintained.

The Best Laid Plans

Plans such as erosion and sediment control plans and storm water pollution prevention plans are important tools for outlining the erosion control and pollution prevention practices that you will use to manage storm water runoff prior to breaking ground. Developing good plans allows for proper budgeting and planning for the life of the project. Proper installation and maintenance of erosion and storm water controls is essential to a plan that works. Training for on-site staff helps to ensure the proper installation and maintenance of erosion controls and pollution prevention practices. Inspect controls and management techniques regularly to ensure they are working, especially after storm events. If polluted storm water is leaving the site, you may need to repair or add additional storm water controls.



The Bigger Storm Water Picture

Your community is preventing storm water pollution through a comprehensive storm water management program. This program addresses storm water pollution from construction, but it also deals with new development, illegal dumping to the storm sewer system, and municipal operations. It will also continue to educate the community and get everyone involved in making sure the only thing that storm water contributes to our streams is . . . water! Contact your community or the Pennsylvania Department of Environmental Protection for more information about storm water management.

For more information:

Pennsylvania Association of Conservation District's:
http://www.pacd.org/default.html

Pennsylvania Handbook of Best Management Practices for Developing Areas:
http://www.pacd.org/products/bmp/bmp_handbook.html

Storm Water Manager's Resource Center:
http://www.stormwatercenter.net

Pennsylvania Department of Environmental Protection:
http://www.dep.state.pa.us

ATTACHMENT # 18

MS-4 TRAINING SCHEDULE & MS-4 ACTIVITY SHEET

LOWER ALLEN TOWNSHIP MS4 TRAINING SCHEDULE 2018

EMPLOYEE/DEPARTMENT	DATE	TRAINING TOPIC	LOCATION
Daniel Flint - CED	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Raymond Allen - CED	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Staci Morgan - CED	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Rebecca Davis - CED	2/22/2018	CAPCOG MS4 Training - MS4 Enforcement	Camp Hill Borough Municipal Building
	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
	4/10/2018	PADEP WIP Stakeholder Meeting	Holiday Inn - Grantville PA
	4/12/2018	Permeable Pavement BMP Class	Chesapeake Stormwater Network - Webinar
	5/7 & 5/8 2018	NPDES Certificaiton Training	Hilton, Harrisburg PA
	5/11/2018	Pond Management Techniques	Chesapeake Stormwater Network - Webinar
	5/17/2018	CAPCOG MS4 Training - Hydrology 101	Hampden Township Municipal Building
	6/28/2018	CAPCOG MS4 Training - Performing MS4 Outfall Inspections	Lower Paxton Township Municipal Building
John Eby - CED	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Corisa Mihoerck - CED	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Rachael Keagy - CED Intern	5/18/2018	New Employee Training - MS4 Township Powerpoint Presentation	Lower Allen Township Municipal Services Center
Brian Plank - PW	4/9/2018	New Employee Training - MS4 Township Powerpoint Presentation	Lower Allen Township Municipal Services Center
Brian Plank - PW	4/9/2018	New Employee Training - MS4 Township Powerpoint Presentation	Lower Allen Township Municipal Services Center
Tom Vernau - ADMIN	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Erin Trone - CED	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Helen Grundon - ADMIN	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Richard Lehigh - CED	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
William Yeagley - CED	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Tina Harbold - FINANCE	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Bob Nailor - PW	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Bryan Harshbarger - PW	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Scot Emerson - MAINT	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Bob Hamsher - MAINT	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Mark D'Agastino - PW	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center

Charlie Reynolds - FLEET	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Richard Grove - FINANCE	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Scott Harbold - PW	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Barry Zook - PW	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Ryan Turpin - PW	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Ben Peters - PW	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Scott Albright - PW	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Jeff Brubaker - PW	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
Marshall Quintin - PW	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center
David Yount - CED	3/27/2018	Signs and Labels for Good Housekeeping Compliance - MCM #6	Lower Allen Township Municipal Services Center

Date	Employee	Location	Permit #	SLD or DP #	Other	Description of Actions
4/1/2017	JME	Suez water plant property	NA	NA	MS4	YBWA public education and cleanup event for Trout Day. Removed litter from Slate Hill Road and Valley Road and Suez property.
4/6/17	JME	NA	NA	NA	MS4	Coordinate and plan 4/9/2017 YBWA cleanup event
4/9/2017	JME	NC Boro ParkandBeacon Hill Park	NA	NA	MS4	Coordinated and participated in cleanup of public parks along YB Creek + outreach
12/13/2017	JME		NA	NA	NA	Attended YBWA meeting--plan 2018 public outreach events
12/20/2017	JME	215 Ewe Road	20170620	NA	NA	Observed and reported E & S concern
2/2/18	JME	18th & Wyndham	NA	NA	MS4	Forwarded resident's complaint about turbid water flowing from storm drain into Cedar Run at Creek Road Bridge to Public Works and assisted with investigation.
2/2/18	JME	2010Brroks Edge Drive	NA	NA	MS4	Responded in absence of engineer and eng. Tech. to emergency PA 1-call for water service repair due to proximity of apartment complex to Cedar Run--no problems observed.
2/14/2018	RLD	LAT	NA	NA	MS4	Conducted annual review of the MS4 program with Dan, Ray, and Bill. Typed up summary of meeting for annual report
2/14/2018	RLD	LAT	NA	NA	MS4	Met with Bill Gralski, regarding transfer of duties for MS4 Coordinator. Discussed the current Township program requirements and formulated a "To Do" List for the program.
2/16/2018	RLD	1631 Lowell Lane	NA	NA	MS4	Site visit with Dan to 1631 Lowell Lane regarding flooding complaint from resident. Pictures taken during visit. Drainage swale altered and not functioning properly. Dan to send letter to affected parties regarding solution.
2/20/2018	RLD	LAT	NA	NA	MS4	Logged information into BMP spreadsheet regarding returned inspection reports. Entered new O&M agreement into spreadsheet.
2/21/2018	RLD	LAT	NA	NA	MS4	Developed DRAFT Illicit Discharge Reporting form and content for website. Researched articles for Spring Township Newsletter. Reviewed Township SWM ordinance.
2/22/2018	RLD	Camp Hill Borough Municipal Building	NA	NA	MS4	CapCOG MS4 Training - MS4 Enforcement
2/26/2018	RLD	LAT	NA	NA	MS4	Worked on Target Audience List for Cedar Run Watershed
2/27/2018	RLD	Beacon Hill Subdivision	NA	NA	MS4	Outfall Inspections - Beacon Hill

2/27/2018	RLD	Illicit Discharge Complaint Investigation	NA	NA	MS4	Complaint received from PADEP (Patrick Bowen) regarding an illicit discharge at 1477 Maplewood Drive. Performed site visit and inspection. No visible illict discharges were observed at the inlet in from of 1477 Maplewood Drive. Report placed in MS4 File.
2/28/18	RLD	Illicit Discharge Complaint Investigation	NA	NA	MS4	Follow up on Illicit Discharge Complaint located at 1477 Maplewood Drive. Met with property owner at 1444 Maplewood Drive who filed complaint with PADEP. Documentation in MS4 File.
3/12/2018	RLD	Annual MS4 BOC Meeting	NA	NA	MS4	Annual meeting for MS4. Presentation to the BOC regarding the current Township MS4 program and the PRP plan that was submitted to PADEP.
2/27/2018	JME	LAT MSC	NA	NA	MS4	Provided YBWA public outreach display and handouts to YBWA president who is doing 2 watershed stewardship events--Crossroads Middle School and Benjamin (NC Boro) Library.
3/6/2018	JME	LAT MSC	NA	NA	MS4	Coordinate YBWA Trout Day public outreach and cleanup event with host Suez Water Co.
3/8/2018	JME	LAT MSC	NA	NA	MS4	Additional coordination for Trout Day event
3/21/2018	JME	LAT MSC	NA	NA	MS4	Solicit volunteers for, and publicize Trout Day event
3/23/2018	JME	Camp Hill-YBWA president's office	NA	NA	MS4	Retrieve YBWA display items for Trout Day use and meet with YBWA president re: outreach events issues
3/26/18	JME	Field & Stream store, CC Mall	NA	NA	MS4	Post Trout Day event flyers
3/26/2018	JME	LAT MSC	NA	NA	MS4	Post Trout Day flyers
3/12/2018	JME	LAT MSC	NA	NA	MS4	Promote Trout Day event at BOC meeting
3/27/2018	JME	NA	NA	MS4	MS4	Submit Trout Day flyer for posting on LAT web site
3/27/2018	RLD	LAT - Annual Public Works Training	NA	NA	MS4	Annual training for public works employees. MCM #6
3/27/2018	RLD	Illicit Discharge Complaint Investigation	NA	NA	MS4	Investigation leaking oil from vehicle on Fineview Road. Sent letter to vehicle owner regarding illicit discharge and required maintenance to vehicle. Documentation in MS4 file.
3/29/2018	RLD	Illicit Discharge Complaint Investigation	NA	NA	MS4	Investigation of foam discharge at MSC in rain gardens and parking lot. Inspection revealed foam was from a fire company training event. Memorandum and pictures documented in MS4 file.

03/31/18	JME	Suez/Rabold water plant	NA	NA	MS4	Served as event coordinator for public education/outreach YBWA Trout Day event. Led streamside/roadside cleanup along Valley and Slate Hill Roads and Suez property in LAT, in addition to cleanup along Limekiln Road and on Suez plant property in Fairview Twp., York Co.
04/10/18	RLD	Holiday Inn Grantville PA	NA	NA	MS4	Attended PADEP WIP Stakeholder Meeting
4/4/2018	JME	YBWA office	NA	NA	MS4	Attended YBWA BOD meeting--plan 2018 outreach & cleanup events
4/13/2018	RLD	Site visit - Vineyard Haven	NA	NA	MS4	Site visit to 7,9,11 Vineyard Haven regarding swale maintenance required at the rear of the properties.
4/28/2018	RLD	Gardner's Gathering	NA	NA	MS4	Spoke at the annual Gardner's gathering at LACP. Public education/outreach MS4 Information and homeowner BMPs
5/3/2018	RLD	Outfall Field Inspections	NA	NA	MS4	Outfall Inspections - Allendale Subdivision
5/7/2018	RLD	NPDES SWM TRAINING	NA	NA	MS4	NPDES Stormwater Certification Inspection Training
5/8/2018	RLD	NPDES SWM TRAINING	NA	NA	MS4	NPDES Stormwater Certification Inspection Training
5/17/2018	RLD	CapCog MS4 Training	NA	NA	MS4	Hydrology 101 Training - Hampden Township
05/17/18	RLD	Illicit Discharge Complaint Investigation	NA	NA	MS4	Windsor Park Shopping Center - illicit discharge confirmed behind shopping center. Letter sent to property owner.
5/23/2018	RLD	MS4 Presentation to Cedar Cliff HS	NA	NA	MS4	Presented to Cedar Cliff HS biology classes - MS4 Outreach
06/11/18	DJF/ET/RLD	MS4 Presentation by Arcadis at BOC	NA	NA	MS4	Arcadis presentation at BOC meeting - stormwater program fee
06/19/18	CED Dept	E&S and MS4 meeting	NA	NA	MS4	CED staff meeting - discussions of E&S inspections at construction sites. Policy development and training discussed.
06/19/18	RJA	BMP Inspection	20170610	NA	MS4	BMP Inspection and Approval - 1739 Liberty Cove
6/22/2018	RJA/RLD	BMP Inspection		NA	MS4	BMP Inspection - 1548 McCormick Drive
6/20/2018	JME	Camp Hill	NA	NA	MS4	YBWA meeting--plan July 15 Creek cleanup event
6/29/2018	RLD	MS4 Presentation to West Shore Rec	NA	NA	MS4	MS4 Outreach Presentation to West Shore Recreation Camp

ATTACHMENT # 19

ANNUAL TRAINING AGENDA/PRESENTATION & SIGN-IN SHEET

SIGNS AND LABELS TO ACHIEVE GOOD HOUSEKEEPING COMPLIANCE

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY

WHAT IS MS4?

- Municipal
- Separate
- Storm
- Sewer
- System

BACKGROUND

- Municipalities that meet certain standards must obtain National Pollutant Discharge Elimination System (NPDES) permit coverage for discharges of stormwater from their municipal separate storm sewer systems (MS4s).
- The intent of the MS4 Program is to reduce pollutants into waters of the commonwealth.
- The MS4 Program is regulated by BOTH the United States Department of Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Protection (PADEP).

HOW DOES THE MS4 PERMIT WORK?

- **Municipalities acquire a NPDES permit that covers a 5 year period.**
- **The permit requires the municipality to measure it's efforts to reduce pollutants in 6 different areas.**
- **Annually, the municipality must report to PADEP on how they have improved, changed, and managed these areas in order to maintain compliance with their permit.**
- **Six (6) Minimum Control Measures must be re-evaluated annually to determine compliance.**



MINIMUM CONTROL MEASURES (MCM'S)

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination (IDDE)
- Construction Site Stormwater Runoff Control
- Post Construction Stormwater Management
- ***Pollution Prevention/Good Housekeeping***

GENERAL MS4 PERMIT INFORMATION



NPDES MS4 PAG 133711

- Effective Date: April 1, 2013
- Expiration Date: March 15, 2018

2018 General MS4 Permit

- Effective Date: March 16, 2018
- Expiration Date: March 15, 2023
- First reporting period ends on June 30, 2018
- First Annual Report due September 30, 2018 (April 1, 2017- June 30, 2018)
- All subsequent Annual Reports due September 30 and will cover the reporting period of July 1 – June 30

Stormwater Management

What is Lower Allen Township Doing now?

- *Complete and submit annual report*
- *Refine and continue implementation of SWMP*
- *Additional program documentation*
- *Evaluate new permit requirements and prepare implementation schedule*
- *Implement Chesapeake Bay Pollution Reduction Plan (PRP)*





WHAT ARE OUR LONG TERM EFFORTS?

- Revise Target audience list as needed
- Step up Public Involvement and Participation and Outreach
- Prepare for program changes in PAG -13
- Greater emphasis on Water Quality



How Will the MS4 Program – Specifically MCM #6 - Affect ***You*** ?

MCM #6 – POLLUTION PREVENTION/GOOD HOUSEKEEPING







- **MCM #6 requires MS4s to prepare an inventory of municipal facilities and activities, and to develop a stormwater "Operations & Maintenance Plan" for each facility/activity on the inventory**
- **Part of the inventory shall include Best Management Practices on how to maintain the facilities and activities**
- **Signs and labels are integral to achieve compliance with this MCM**

LOWER ALLEN TOWNSHIP FACILITIES INVENTORY

LOWER ALLEN TOWNSHIP
INVENTORY OF FACILITIES AND ACTIVITIES WITH POTENTIAL TO GENERATE STORMWATER RUNOFF

	Name	Location	Description	Acres	Facilities	Uses/ Activities	Township Operations	Potential Pollutants	BMPs
1	Beacon Hill	1525 Capitol View Drive	Neighborhood park	3.4	Play structure; Pavilion	Recreation	Maintenance	Trash	Grass lined swale
2	Radar Site	1612 Lowell Lane	Passive park	8.1	Open space; parking area	Passive recreation	Maintenance	Trash; vehicle drippings	Grass lined swale
3	Beacon Hill Land	Beacon Hill Blvd. At Poplar Avenue	Open field, wooded floodplain	9.7	Open space	Passive recreation	Maintenance	Trash	Riparian buffer
4	Creekwood	150 Creekwood Drive	Neighborhood park	5.6	Picnic tables; trail	Passive recreation; hiking; fishing; parking area	Maintenance	Trash; vehicle drippings	Porous asphalt trail; riparian buffer
5	Allendale	221 Deerfield Road	Neighborhood park	1.2	Pavilion; swing set; play structure; merry-go-round, basketball court	Recreation	Maintenance	Trash	None
6	Highland Park Playground	1301 Chatham Road	Neighborhood park	2.0	Pavilion; picnic tables; tennis court; basketball court; shuffleboard court; play structure; swing set	Recreation	Maintenance	Trash	None

Municipal Inventory List - Continued

- Develop an inventory of municipal facilities that have the potential to generate stormwater runoff if you haven't done so already
- Group the list into departments/sections
- Determine signage/labels required for each facility based upon types of operations/services that occur at each facility and their potential to impact the MS4





MUNICIPAL GARAGE - INDOORS



- Hazardous/Flammable Labels
- Waste oil identification
- Oil/Water Separator Identification - Location
- Absorbent Materials– Used and New
- Spill Kits
- Used Anti-Freeze Identification

MUNICIPAL GARAGE – INDOORS (CONT.)

- **Flammable materials**
- **Designated Vehicle Wash Off Areas**
- **Pesticide Identification**
- **Waste Oil Identification and disposal area**

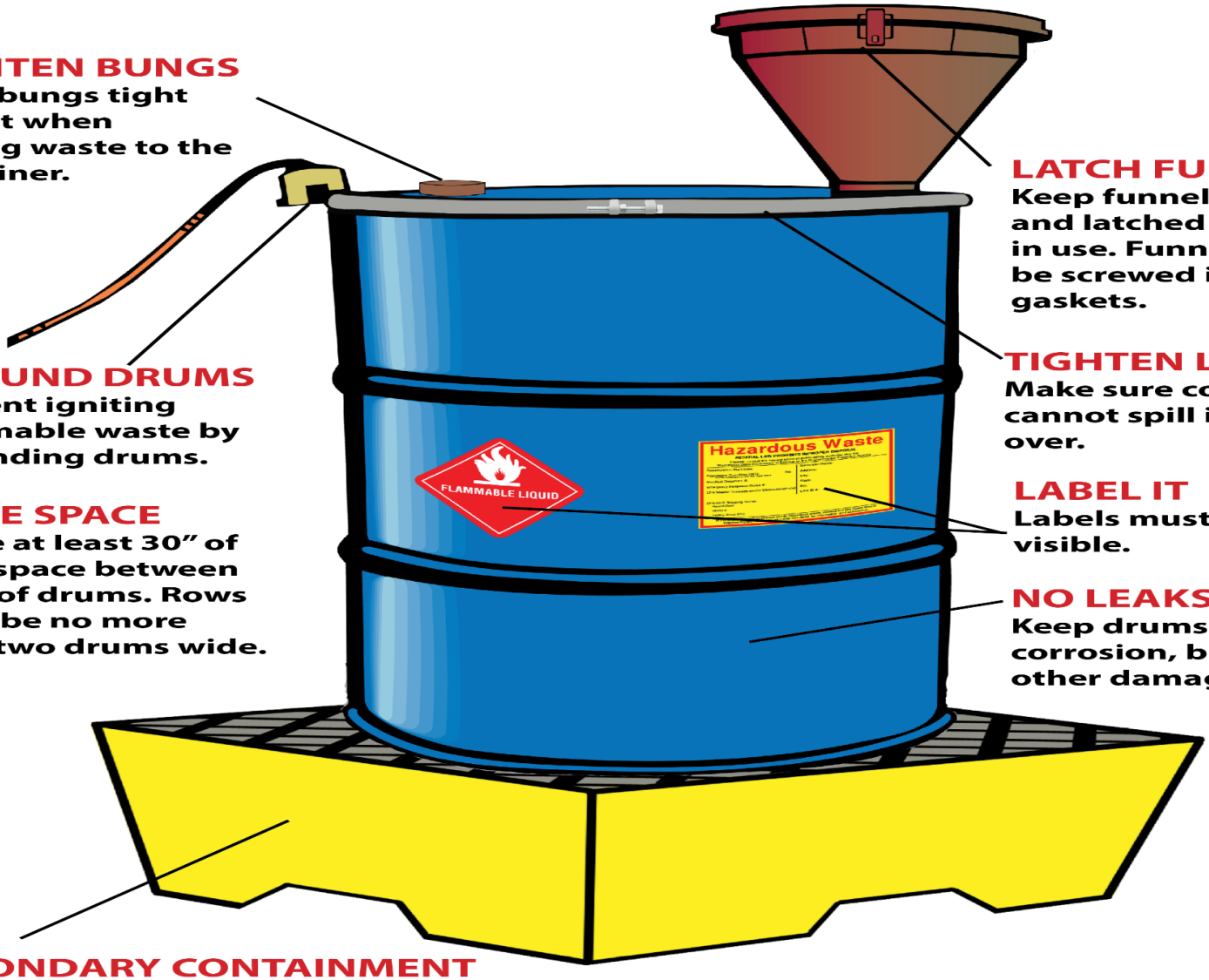






Vehicles to be washed in designated area only

Inspect Your Dangerous Waste Drums



TIGHTEN BUNGS
Keep bungs tight except when adding waste to the container.

GROUND DRUMS
Prevent igniting flammable waste by grounding drums.

AISLE SPACE
Leave at least 30" of aisle space between rows of drums. Rows must be no more than two drums wide.

LATCH FUNNELS
Keep funnels closed and latched when not in use. Funnels must be screwed in with gaskets.

TIGHTEN LIDS
Make sure contents cannot spill if tipped over.

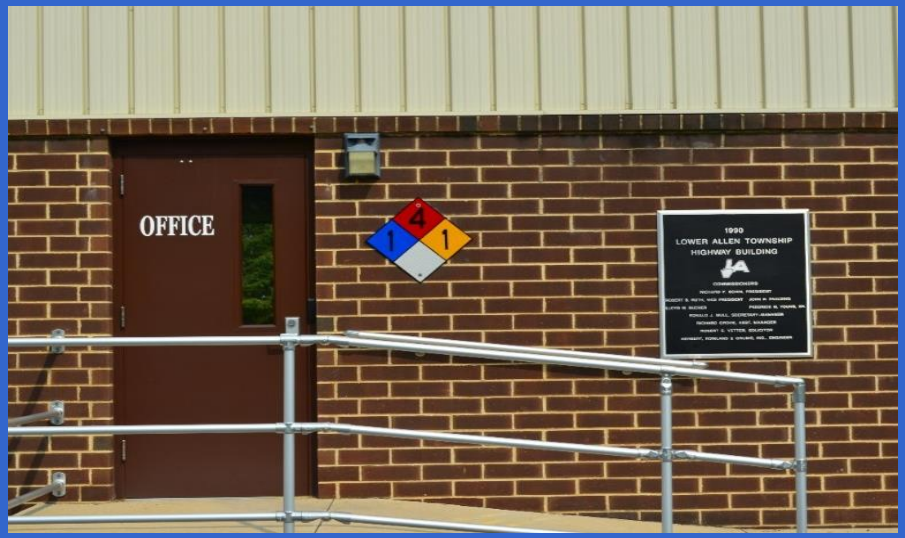
LABEL IT
Labels must be visible.

NO LEAKS
Keep drums free of corrosion, bulges, and other damage.

SECONDARY CONTAINMENT
Secondary containment must be large enough to contain 10% of the free liquid in all containers or 100% of the free liquid in the largest container, whichever is larger.

MUNICIPAL GARAGE - OUTDOORS





- **Hazardous Waste Labels and Material Placards**
- **Waste oil identification**
- **Fueling Station – identification, flammable signs, absorbent material identification, spill kit, fuel shut off valves**

MUNICIPAL GARAGE - FUEL ISLAND







- Discourage topping off of fuel tanks – avoid fuel spills
- Post flammable and no smoking signs
- Illustrate location of the emergency shut off valve
- Label spill kits and absorbents

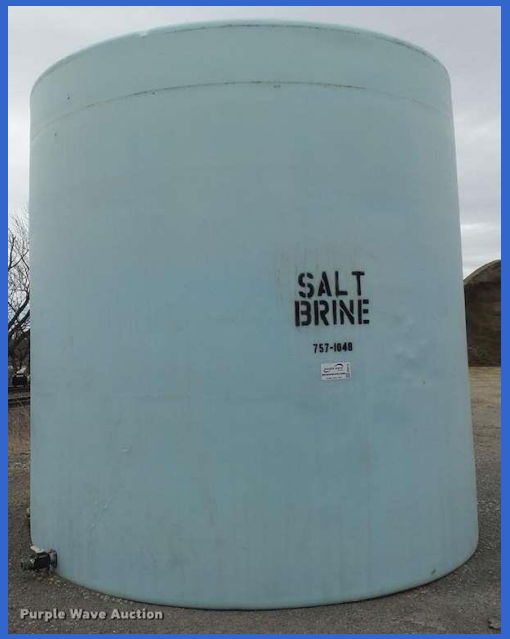
MUNICIPAL GARAGE – OUTDOORS (CONT.)

- **Trash Receptacles – Recyclables and Trash clearly identified, dumpster lids closed! Inspect dumpsters often for leaks**

- **Salt Brine Storage Tanks – clearly label and inspect**







MUNICIPAL GARAGE







- **Inlet marker identification – at facility sites and throughout the municipality – outreach to public for labeling**
- **Composting facility signage – identification, rules, hours of operation**
- **Public works facility department signage – hours and recycling drop off times**

MUNICIPAL COMPOSTING FACILITIES



- **Clearly identify acceptable items at your composting facility**
- **Also identify EXCLUSIONS**

Identifying acceptable items helps avoid dumping and illicit discharges from paint, oil, fuel and trash!!

MUNICIPAL COMPOSTING FACILITY



MUNICIPAL STREETS





- **Post street sweeping signs so effective sweeping can take place**
- **Inlet marker identification to educate the public and lessen occurrences of illicit discharges**

MUNICIPAL PARKS

- Park Identification Signs
- Park Rules/Hours
- Pet curb and leash laws
- No mow signs if required
- No dumping signs
- Identify Trash receptacles/ recyclables











PARK BMP IDENTIFICATION/OPEN SPACE/ROADSIDES

NO- MOW ZONES/NO DISTURBANCE ZONES

OPEN SPACE

- Township Property Identification Signs
- No Dumping signs
- BMP Identification/Informational Signs
- No Mow Signs (if applicable)







TOWNSHIP ADMINISTRATION BUILDING

- **Trash/Recyclables – Promote proper trash disposal in and around the Administration building campus. Remind employees where they can recycle.**
- **Spill Kits – Inform Administration Employees of location and have contents of spill kit clearly identified.**
- **Emergency Contact Response List for Spills**







TOWNSHIP ADMINISTRATION BUILDING (CONT.)

Recyclable Container Identification



Chain of Command for Spills Post in building

Chain of Command

Persons to be notified in the event of an emergency or spill:

1. Daniel Flint — Public Works Director/Township Engineer
2. Thomas Vernau — Township Manager
3. David Holl — Public Safety Director/Emergency Management

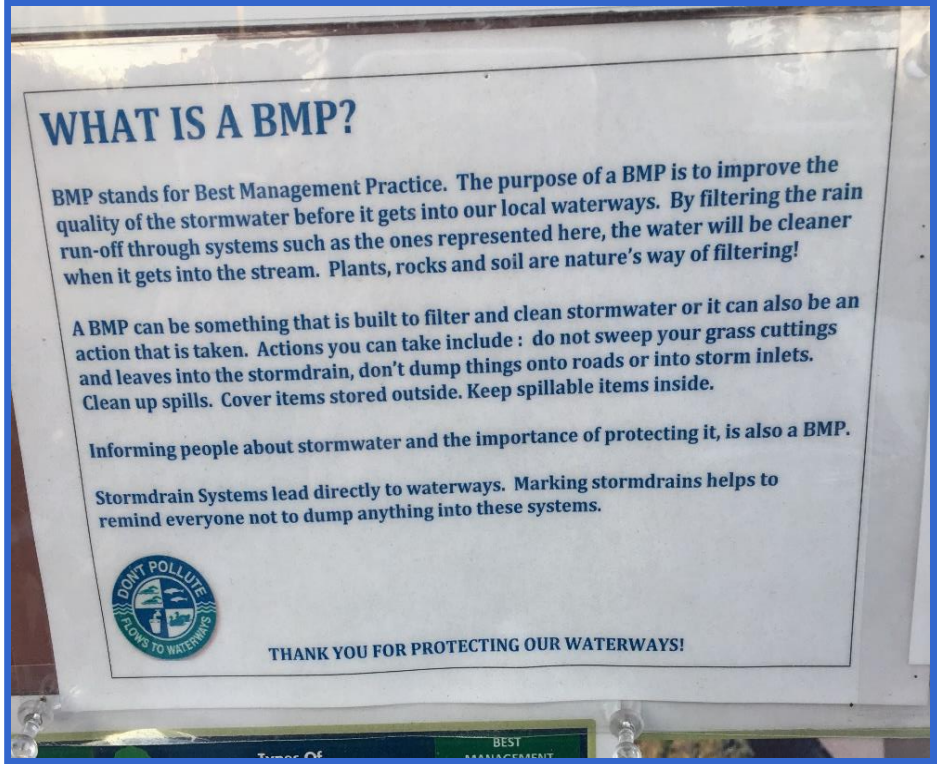
- **Document spills of any kind and cleanup procedures used for the MS4 file and annual reporting requirements**

BMP SITE LOCATION MAP – CEDAR RUN PARK AND ADMINISTRATION BUILDING



BMP (BEST MANAGEMENT PRACTICE) IDENTIFICATION

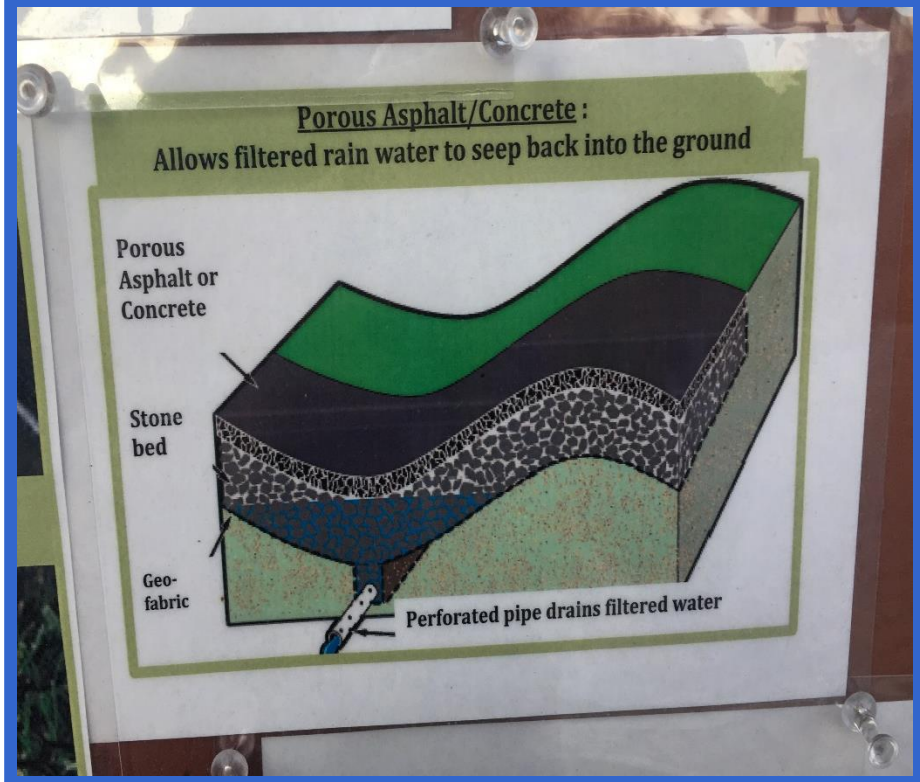
Identify and explain BMP type. This allows the municipality to educate the public as well as identify BMP functionality and location





PARKING LOT BMPS IDENTIFICATION

Identify and explain BMP type. This allows the municipality to educate the public as well as identify BMP functionality and location





BMP SIGNS – (CONT.)





FIRE/POLICE STATIONS



- Designated wash off areas
- Flammables
- Trash/Recycling Receptacles
- Absorbents
- Spill Kits
- Drip Pans (when necessary)



- BMP Identification
- No mow zones (if applicable)

FIRE STATION (CONT.)

Lower Allen
FIRE COMPANY No. 1
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011



Vehicle Washing Policy

Policy #: 2017-01 **Effective: 07-12-2017**

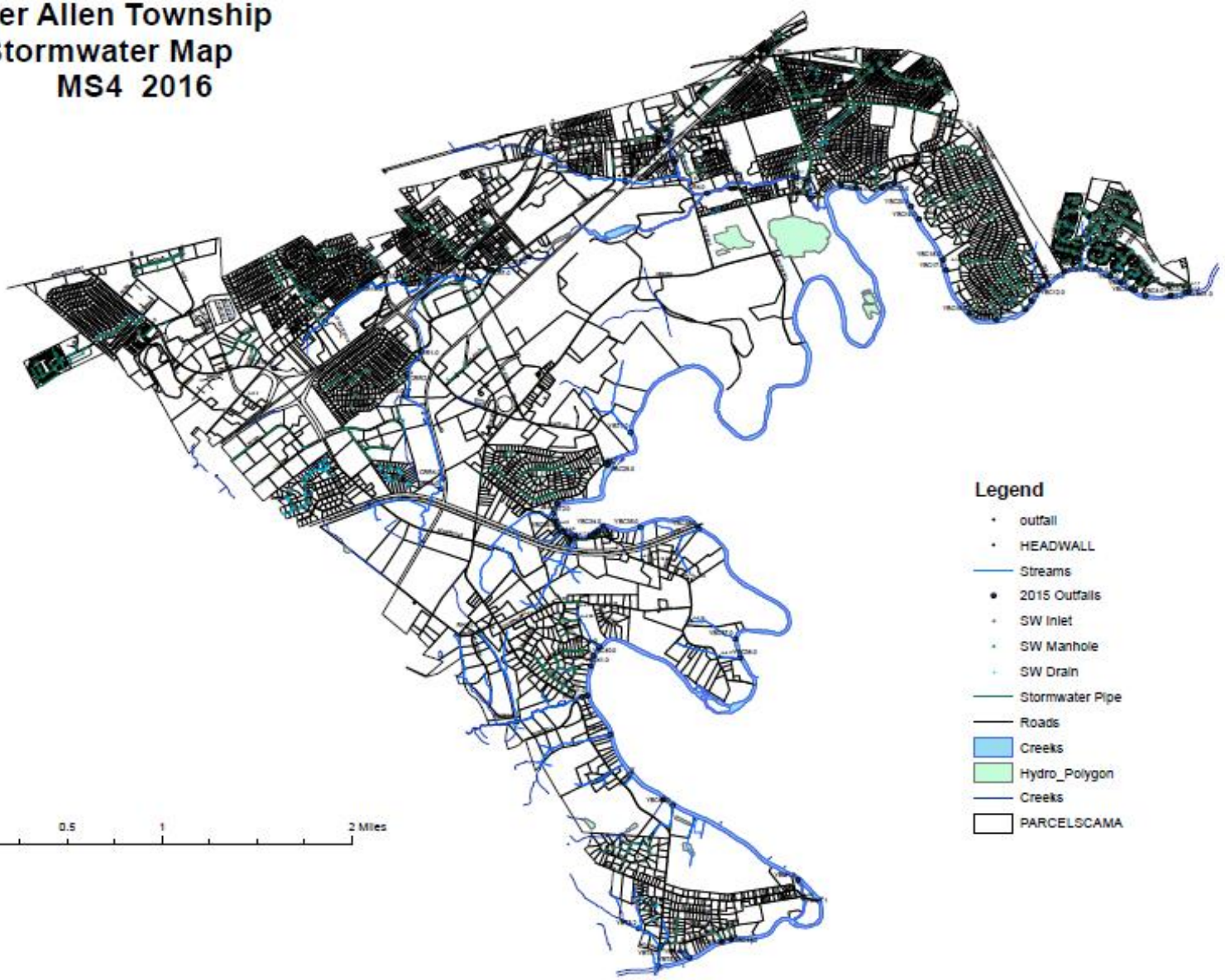
A. Purpose:
The Lower Allen Fire Company No. 1 will comply with all regulations in regards to the Federal Clean Water Act with commercial establishments. This program prohibits the discharge of pollutants into waterways without the appropriate permits. Pennsylvania's Storm water Management Act, aka MS4 Program, regulates storm water runoff. The purpose of this policy is to meet those standards as well as establish rules regarding washing of any fire department or personal vehicles and equipment.

B. MS4 Compliance
1. All vehicles and equipment may be rinsed off with water only on non-pervious areas that will drain into the storm water system.
2. All vehicles and equipment may be rinsed off with solutions (i.e. soap) mixed with water on pervious areas that will not drain into the storm water system.
3. All vehicles and equipment must be washed in the apparatus bays when pervious areas are not available and water only washing/rinsing is not an option.
4. Failure to comply with these standards may result in a fine to the department.

C. Personal Use
1. Washing of Personal vehicles is limited to those members that are deemed Active or are seen on a regular basis around the fire company.
2. Any member washing their personal vehicles on township property or in the apparatus bays, must clean up after themselves. This includes putting all supplies away, and squeegeeing the floors when utilizing the apparatus bays.
3. Members who wish to wash their vehicle at Station # 1, may not wash their vehicle during Township Business Hours. Township Business Hours are defined as Monday thru Friday, 8am until 4pm.
4. Failure to comply with the above established rules, may result in the loss of vehicle washing privileges and or action taken by the Disciplinary Board.

- **Vehicle Washing Policies – Post in building and distribute to employees – update as needed**
- **Designate acceptable wash off areas and train employees on proper procedures**

Lower Allen Township
Stormwater Map
MS4 2016

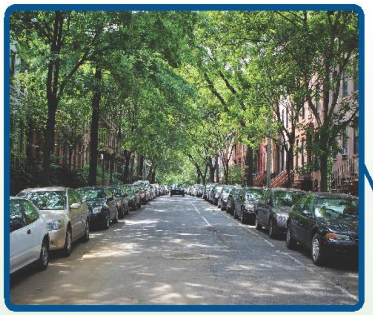


This Soak Up the Rain effort is brought to you by:

Lower Allen Township
www.latwp.org
rdavis@latwp.org
717-975-7575 ext. 1010
Rebecca L. Davis
MS4 Coordinator

Soak Up the Rain with Green Infrastructure

soak up the rain
created by U.S. EPA



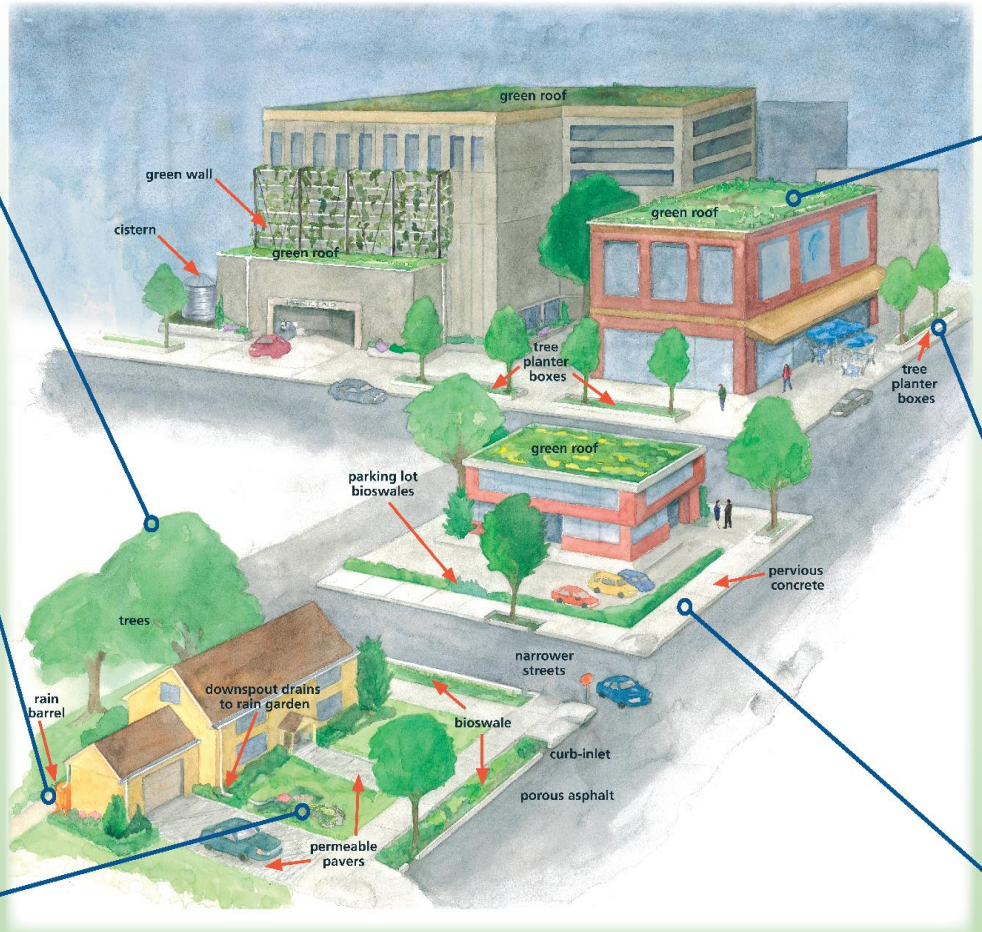
Tree Canopy



Rain Barrel



Rain Garden





Green Roof



Tree Planter Box



Pervious Concrete

Learn more. Take Action.

Poster created by U.S. EPA Office of Wetlands, Oceans and Watersheds.
EPA does not oversee independent Soak Up the Rain programs.

COMMUNICATION/CROSS TRAINING

- **Discuss signage with various municipal departments at different locations (Public Works, Administration, Sewer Authority, Park and Recreation Departments, Finance, Management, Seasonal Employees, Volunteer fire company, Police Department, Human Resources, etc.)**
- **Educate employees on importance of signage within the municipality as it relates to the MS4 Program**
- **Recognize the need for additional signage as your MS4 program grows and develops and update as necessary**







QUESTIONS?

CONTACT INFORMATION

Daniel J. Flint, P.E. – Lower Allen Township
Public Works Director/Township Engineer
PH:717-975-7575-, Ext. 1101
E-mail: dflint@latwp.org

Rebecca Davis – Lower Allen Township
MS4 Coordinator
PH: 717-975-7575-, Ext. 1010
E-mail: rdavis@latwp.org

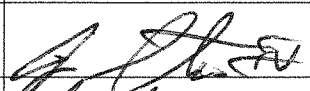
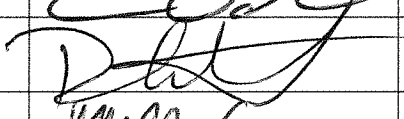
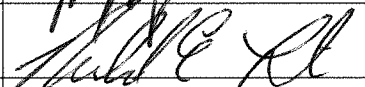
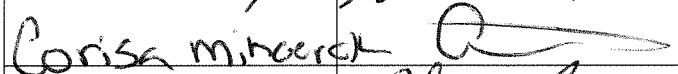
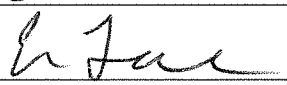
LOWER ALLEN TOWNSHIP NPDES MS4 ANNUAL TRAINING – MARCH 27, 2018

MCM #6: POLLUTION PREVENTION/GOOD HOUSEKEEPING:
"SIGNS AND LABELS FOR GOOD HOUSEKEEPING COMPLIANCE"

ATTENDANCE SHEET

March 27, 2018 **10:00 AM**

NAME	SIGNATURE	MUNICIPALITY/DEPARTMENT
Kelly Kurtas		Silver Spring Township/MS4 Program kkurtas@sstwp.org
Cody Lyons		Highspire Borough
Randy Barry		Highspire Borough
Ty Konyar		Highspire Borough
Mike Taylor		Highspire Borough
Leslie Givler		Highspire Borough
Nicole Meals		Carlisle Borough
Dave Shatto		Carlisle Borough
Dave Ruhl		Carlisle Borough
Cindy Fooster		Lemoyne Borough
Jim Fair		Lemoyne Borough
Tim Davis		Lemoyne Borough
Tyler Erb		Londonderry Township
Todd Zwigart		Pennbrook Borough
Jenni Lehman		Pennbrook Borough
Brian Rotolo		Paxtang Borough
Saul Schmolitz		Paxtang Borough
Dennis Nailor		Monroe Township

NAME	SIGNATURE	MUNICIPALITY/DEPARTMENT
John Stamy		Monroe Township
Lee Leinaweaver		Monroe Township
Greg Hertzler		Monroe Township
Adam Chronister		Monroe Township
Matt Klopotek		Camp Hill Department of Corrections
Paul Zipf		Camp Hill Department of Corrections
William Gralski		Hampden Township
Stuart O'Dell		Hampden Township
Dawn Gutshall		Hampden Township
William J. Keagley		LAT.
Richard E Lehigh		LA TWP
Corisa Mitcheck		LA TWP
Charles Bubb		Hampden TWP
Erin Trone		LAT

NAME	SIGNATURE	MUNICIPALITY/DEPARTMENT
Tina Harbold	Tina Harbold	LATWP Finance
Mark D'Agostino		LATWP PW
Scott Hartzell		LATWP PW
Barry Zook	Barry Zook	LATWP Parks
Ryan Turpin		LATWP PW
Matt Hammaker		LATWP PW
Scott Albright		LATWP
Ben Peters		LATWP
JEFF BREWBAKER		LATWP
Tom STAMBAUGH		LATWP
Bryan Hershberger		LATWP
Dave Shatt	Dave Shatt	Carlisle PW
Dave Ruhl	Dave Ruhl	" "
RICHARD CROOK		LATWP
Charlie Reynolds		LATWP
Bob Wagner	Bob Wagner	LATWP
Cindy L. Foster		Lemoyne
[illegible]		[illegible]
[illegible]		[illegible]
Staci Morgan	Staci Morgan	LATWP CT
[illegible]		Lemoyne Borough
Tyler Erb		Londonderry Township

NAME	SIGNATURE	MUNICIPALITY/DEPARTMENT
Tim Davis		Borough of Lemoyne
Marshall Quinn		Lower Allen
Bill Gralski		Hampden Twp.
David Yount		Lower Allen
Scott Emerson		Lower Allen
Bob Nailor		Lower Allen
Tom Vernau		Lower Allen Twp
Helen Grunda		Lower Allen Twp
Kelly Kurtas		Silver Spring Twp.
Ray Allen		Lower Allen Twsp.
John Eby		" " "

LOWER ALLEN TOWNSHIP
MS4 TRAINING PROGRAM
March 27, 2018 10:00 AM

NPDES Phase 2 MS4 Permit
Good Housekeeping/Pollution Prevention Training
Preparedness, Prevention and Contingency (PPC) Plan Training

I. NPDES Phase 2 MS4 Permit Good Housekeeping/Pollution Prevention Training

1. Review of Lower Allen Township Training Focus from previous years:
    a. Center for Watershed Protection (CWP), Manual 9, Municipal Pollution Prevention/Good Housekeeping Practices
        i. 2011 MO-1: Hotspot Facility Management
        ii. 2012 MO-3: Street Repair and Maintenance
        iii. 2013 MO-4: Street Sweeping
        iv. 2014 MO-5: Storm Drain Maintenance
        v. 2015 MO-7: Park and Landscape Maintenance
        vi. 2016 MO-8: Residential Stewardship
    b. Lancaster Inter-Municipal Committee Good Housekeeping Guidance and BMP Manual, GH-21
        i. 2017 Outdoor Storage of Material
2. **2018 Training Focus: Signs and Labels for Good Housekeeping Compliance**
    a. Lower Allen Township PowerPoint Presentation
        i. MS4 Background
        ii. General MS4 Permit Information
        iii. Status of MS4 Permits
        iv. Township Inventory list of Facilities/Activities
        v. Facility list grouping
        vi. Signage determination and placement
        vii. Coordination with Township Departments – signage installation/training

II. Preparedness, Prevention and Contingency (PPC) Plan Training

1. Spill Leak Prevention and Response

a. Pre-Release Planning: Potential sources for accidental spills, leaks or leaching are described as follows:
    i. Vehicle fueling facility. All fuel is stored in permitted underground tanks. Vehicles are fueled at a covered facility. This facility is in an area that drains to the stormwater detention basin. Any spill in this area would flow into the basin.
    ii. Non-reusable waste oil is stored in an underground waste oil tank outside the maintenance building. Any spill inside the building would pass through the building's oil separator with flow control.
    iii. Salt. Road deicing salt is stored in a covered building. Loading operations occur in the area immediately in front of the building. Runoff in this area drains into a stormwater detention basin that has no discharge. Stormwater is slowly infiltrated into the groundwater, allowing salt to settle out and remain in the basin.

b. Material Compatibility: None of the onsite materials are known to adversely react with each other.
c. Inspection and Monitoring Program:
    i. Routine general inspections of the site occur on a daily basis.
    ii. The underground fuel storage tanks are equipped with monitoring devices, and an alarm system is automatically activated. Inspections are conducted in accordance with the underground storage tank permit.
    iii. Fuel dispensing equipment is inspected for proper operation.
d. Preventive Maintenance:
    i. All vehicles and equipment that operate from the site are inspected and maintained through a preventive maintenance program run by the Township's Fleet Management division.
e. Housekeeping Program:
    i. Materials other than those bulk materials previously listed are stored securely and neatly within the maintenance building.
    ii. A conscious effort is made by all employees to handle materials with care to prevent spillage.
    iii. In the event that an accidental spill or leak does occur, employees are advised to implement proper cleanup procedures as soon as possible with proper absorbent materials and disposed of properly.
f. Security:
    i. Equipment is stored within the locked maintenance building during non-working hours.
    ii. A locked gate secures the yard waste recycling storage and processing area during non-working hours.
g. External Factor Planning:
    i. All materials are stored in such a manner that external factors such as power outages, storms, etc. would not cause a spill or leak.
h. Employee Training Program:
    i. The Township Public Works department has a Safety Manual. All employees that work on site are trained in the safe performance of their work, in accordance with the Manual.
    ii. Safety Meetings are periodically conducted with all Public Works employees to provide detailed training regarding specific operations.

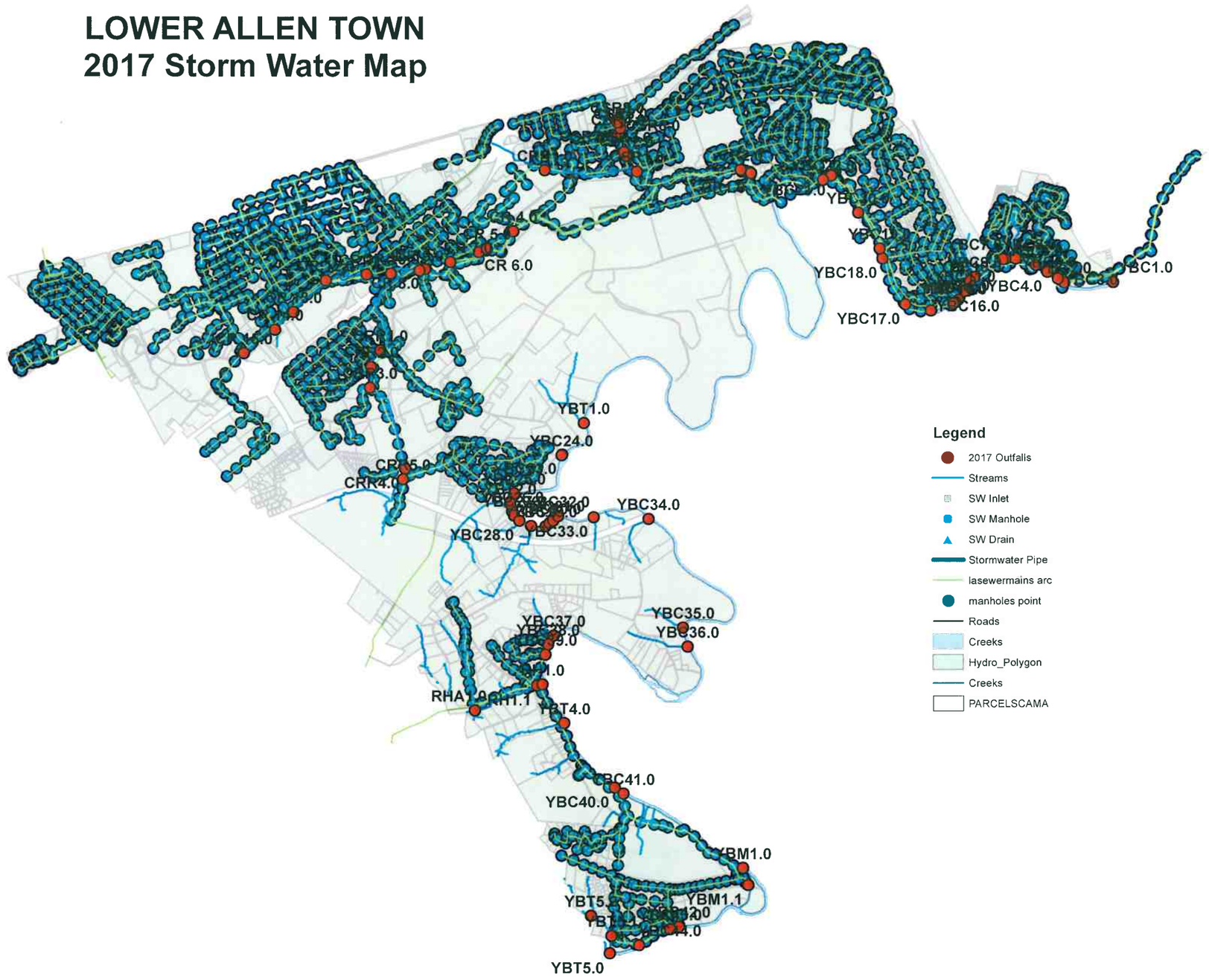
2. Countermeasures

a. Countermeasures to be Undertaken
    i. In the event of an incident, employees will utilize the County 911 system to summon appropriate assistance.
    ii. The Township has in place an All Hazards Emergency Response Plan. This plan will be activated through the Township Emergency Operations center on an as-needed basis.
    iii. The All Hazards plan contains resource lists and contact information for resources that may be needed in the event of an incident at the facility.
b. Communications and Alarm Systems
    i. Employees maintain contact through the use of mobile and portable two-way radios. Notification of an emergency can be made to all employees using these radios.
c. Evacuation Plan
    i. Emergency exit plans are posted throughout the maintenance building in accordance with the International Fire Code.
d. Emergency Equipment Available for Response
    i. Portable fire extinguishers are located throughout the maintenance building, in accordance with the International Fire Code.
    ii. Additional response equipment is available from the Public Safety Department, upon notification that such services are required.

ATTACHMENT # 20

OUTFALL SCREENING FORMS & PHOTOGRAPHS

LOWER ALLEN TOWN
2017 Storm Water Map



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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/13/18**	Outfall ID No.: **YBC 1.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: 40° 12' 57.42631088N"
☐ Industrial ☐ Urban Residential	Longitude: 76° 52' 05.54141670W"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☐ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **2/9/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s):	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☒ Parabolic ☐ Other	Depth: **12** in Top Width: **48** in Bottom Width: **24**	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☒ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.




YBC1.0

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/14/18**	Outfall ID No.: **YBC 2.0**
Land Uses in Outfall Drainage Area (Select All): ☐ Industrial ☐ Urban Residential ☐ Commercial ☒ Suburban Residential ☐ Open Space ☐ Other:	Latitude: 40° 12' 57.51335926N"
	Longitude: 076° 52' 24.06847760W"
	Dry Weather Inspection? ☒ Yes ☐ No
	Date of Previous Precipitation: **2/9/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s):	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☒ Parabolic ☐ Other	Depth: **36** in Top Width: **36** in Bottom Width: **24**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☒ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

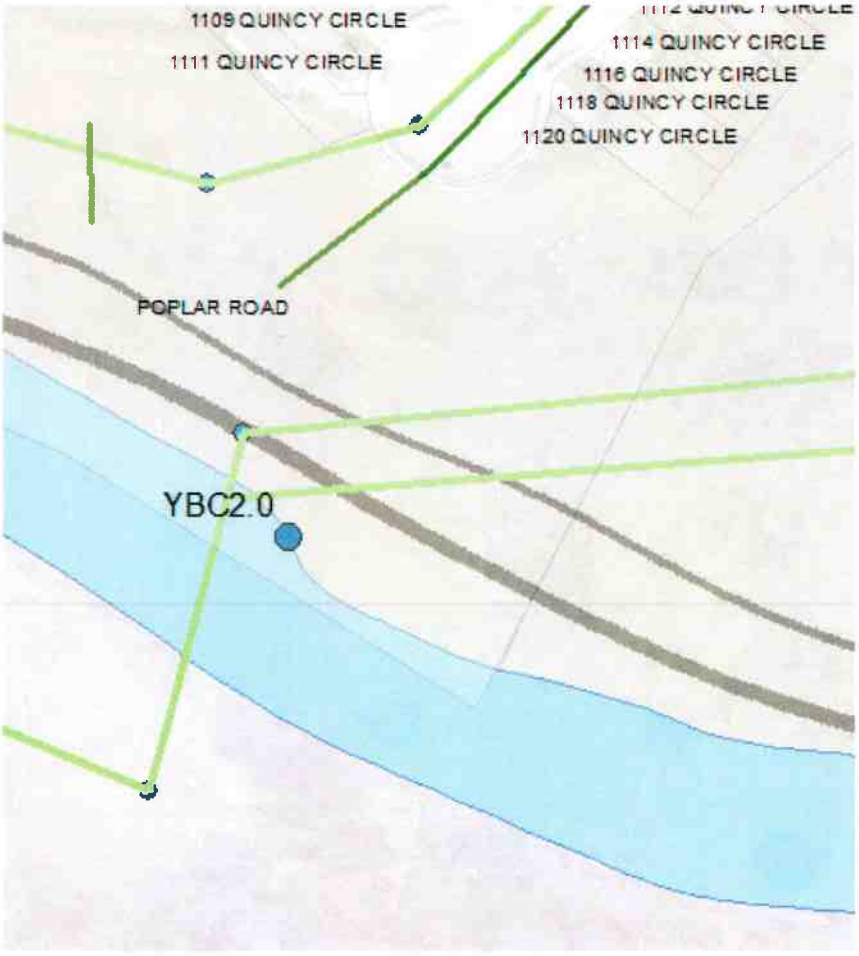
Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.




1109 QUINCY CIRCLE
1111 QUINCY CIRCLE
1114 QUINCY CIRCLE
1116 QUINCY CIRCLE
1118 QUINCY CIRCLE
1120 QUINCY CIRCLE
POPLAR ROAD
YBC2.0

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/14/18**	Outfall ID No.: **YBC 3.0**
Land Uses in Outfall Drainage Area (Select All): ☐ Industrial ☐ Urban Residential ☐ Commercial ☒ Suburban Residential ☐ Open Space ☐ Other:	Latitude: 40° 12' 58.67343730N"
	Longitude: 076° 52' 26.39325404W"
	Dry Weather Inspection? ☒ Yes ☐ No
	Date of Previous Precipitation: **2/9/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☒ Parabolic ☐ Other	Depth: **36** in Top Width: **36** in Bottom Width: **24**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☒ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

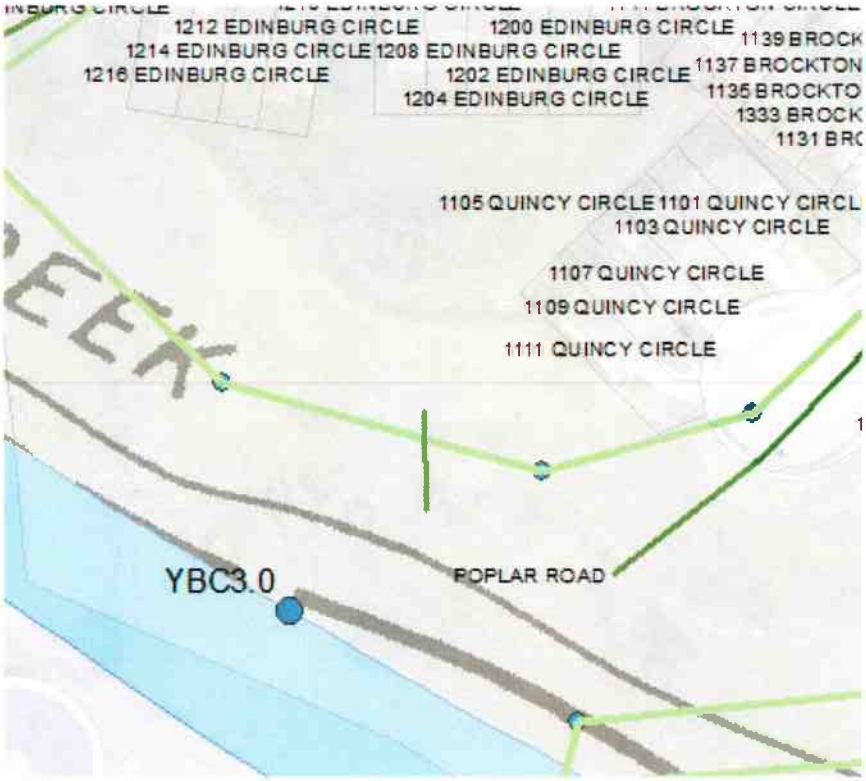
Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.




1212 EDINBURG CIRCLE
1200 EDINBURG CIRCLE
1139 BROCK
1214 EDINBURG CIRCLE
1208 EDINBURG CIRCLE
1137 BROCKTON
1216 EDINBURG CIRCLE
1202 EDINBURG CIRCLE
1135 BROCKTO
1204 EDINBURG CIRCLE
1333 BROCK
1131 BRC
1105 QUINCY CIRCLE
1101 QUINCY CIRCL
1103 QUINCY CIRCLE
1107 QUINCY CIRCLE
1109 QUINCY CIRCLE
1111 QUINCY CIRCLE
YBC3.0
POPLAR ROAD

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/14/18**	Outfall ID No.: **YBC 4.0**
Land Uses in Outfall Drainage Area (Select All): ☐ Industrial ☐ Urban Residential ☐ Commercial ☒ Suburban Residential ☐ Open Space ☐ Other:	Latitude: 40° 13' 00.65558435N"
	Longitude: 076° 52' 30.38011064W"
	Dry Weather Inspection? ☒ Yes ☐ No
	Date of Previous Precipitation: **2/9/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☒ Parabolic ☐ Other	Depth: **48** in Top Width: **60** in Bottom Width: **36**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☒ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

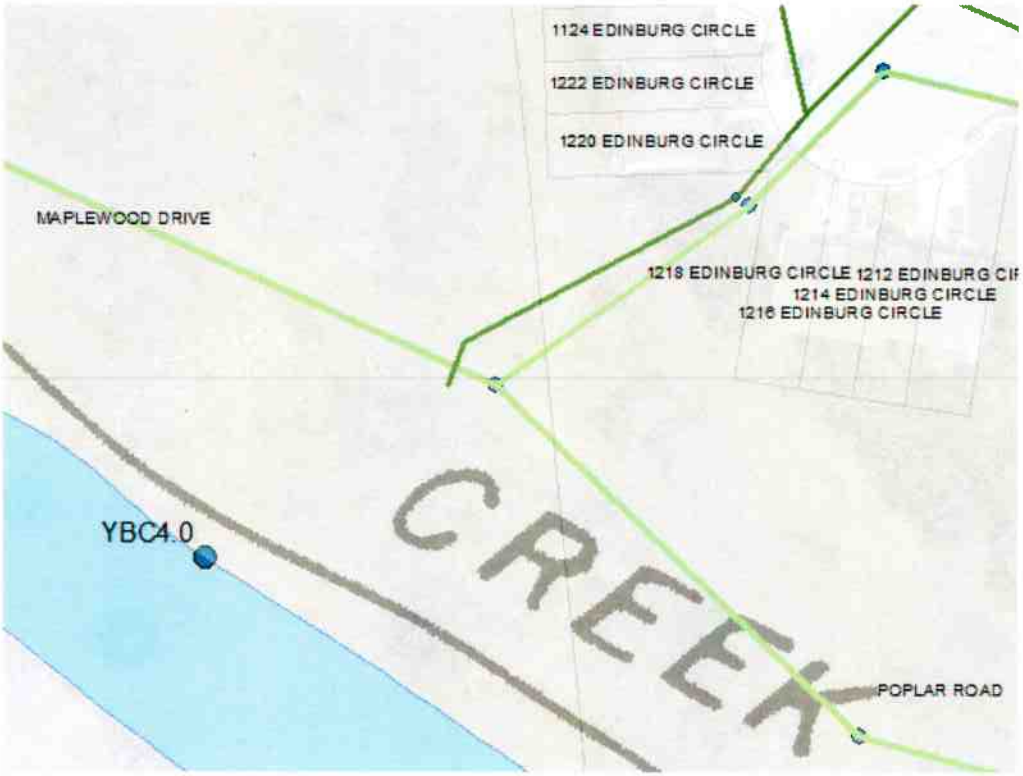
Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.




1124 EDINBURG CIRCLE
1222 EDINBURG CIRCLE
1220 EDINBURG CIRCLE
MAPLEWOOD DRIVE
1218 EDINBURG CIRCLE
1212 EDINBURG CI
1214 EDINBURG CIRCLE
1216 EDINBURG CIRCLE
YBC4.0
CREEK
POPLAR ROAD

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/14/18**	Outfall ID No.: **YBC 5.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: 40° 13' 02.66523776N"
☐ Industrial ☐ Urban Residential	Longitude: 076° 52' 34.65996182W"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☒ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **2/9/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☒ Parabolic ☐ Other	Depth: **60** in Top Width: **120** in Bottom Width: **48**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☒ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

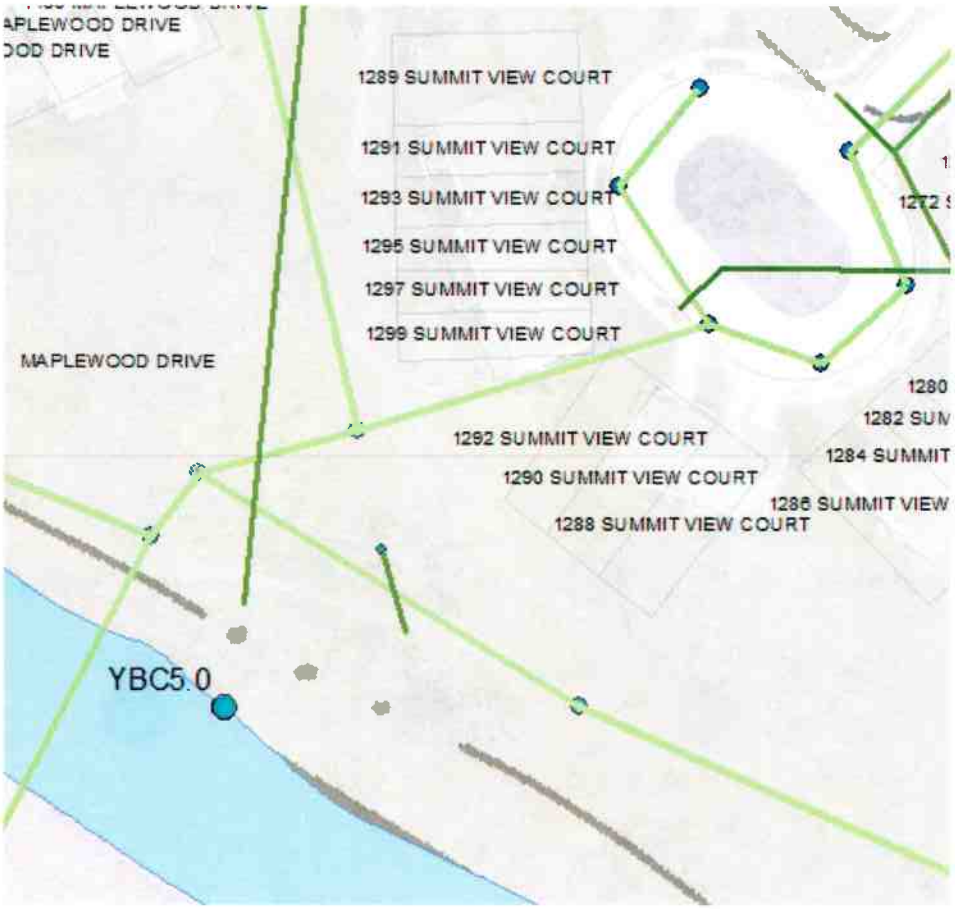
Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.




APLEWOOD DRIVE
OOD DRIVE
1289 SUMMIT VIEW COURT
1291 SUMMIT VIEW COURT
1293 SUMMIT VIEW COURT
1295 SUMMIT VIEW COURT
1297 SUMMIT VIEW COURT
1299 SUMMIT VIEW COURT
MAPLEWOOD DRIVE
1280
1282 SUM
1284 SUMMIT
1286 SUMMIT VIEW
1288 SUMMIT VIEW COURT
1290 SUMMIT VIEW COURT
1292 SUMMIT VIEW COURT
YBC5.0

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/27/18**	Outfall ID No.: **YBC 6.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: 40° 13' 04.66166739N"
☐ Industrial ☐ Urban Residential	Longitude: 076° 52' 42.29837039W"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☒ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **2/23/18**
	Amount of Previous Precipitation: **.1** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☒ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☒ Triple ☐ Other ☐ Other	Diameter: **24** in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: _____ in Top Width: _____ in Bottom Width: _____	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☒ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.




4 CREEK VISTA DRIVE
RIVE
6 CREEK VISTA DRIVE
RIVE
3 CREEK VISTA DRIVE
CREEK VISTA DRIVE
2 CREEK VISTA DRIVE
CREEK VISTA DRIVE
STA DRIVE
DRIVE
RIVE
REEK VISTA DRIVE
.0
1438 MAPLEWOOD DRIVE
1440 MAPLEWOOD DRIVE
1442 MAPLEWOOD DRIVE
1444 MAPLEWOOD DRIVE
1446 MAPLEWOOD DRIVE
1448 MAPLEWOOD DRIVE
1450 MAPLEWOOD DRIVE
1452 MAPLEWOOD DRI
1454 MAPLEWO
1456 MA
MAPLEWOOD DRIVE
YBC6.0
18
18
19
36

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/27/18**	Outfall ID No.: **YBC 7.0**
Land Uses in Outfall Drainage Area (Select All): ☐ Industrial ☐ Urban Residential ☐ Commercial ☒ Suburban Residential ☐ Open Space ☐ Other:	Latitude: 40° 13' 04.58583107N"
	Longitude: 076° 52' 46.23777870W"
	Dry Weather Inspection? ☒ Yes ☐ No
	Date of Previous Precipitation: **2/23/18**
	Amount of Previous Precipitation: **.2** in
Inspector Name(s):	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☒ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☒ HDPE ☐ Steel ☐ Other	☒ Circular ☒ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: **10** in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: _____ in Top Width: _____ in Bottom Width: _____	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.


'A DRIVE1741 CREEK VISTA DRIVE
1730 CREEK VISTA DRIVE
VISTA DRIVE
1751 CREEK VISTA DRIVE
1732 CREEK VISTA DRIVE
'A DRIVE
.IVE1753 CREEK VISTA DRIVE
MAP
1734 CREEK VISTA DRIVE
1736 CREEK VISTA DRIVE
1738 CREEK VISTA DRIVE
1740 CREEK VISTA DRIVE
DRIVE
YBC7.0
YBC8.0



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BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/27/18**	Outfall ID No.: **YBC 8.0**
Land Uses in Outfall Drainage Area (Select All): ☐ Industrial ☐ Urban Residential ☐ Commercial ☒ Suburban Residential ☐ Open Space ☐ Other:	Latitude: 40° 13' 04.44405782N"
	Longitude: 076° 52' 47.21616016W"
	Dry Weather Inspection? ☒ Yes ☐ No
	Date of Previous Precipitation: **2/23/18**
	Amount of Previous Precipitation: **.2** in
Inspector Name(s):	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☒ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☒ HDPE ☐ Steel ☐ Other	☒ Circular ☒ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: **10** in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: _____ in Top Width: _____ in Bottom Width: _____	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

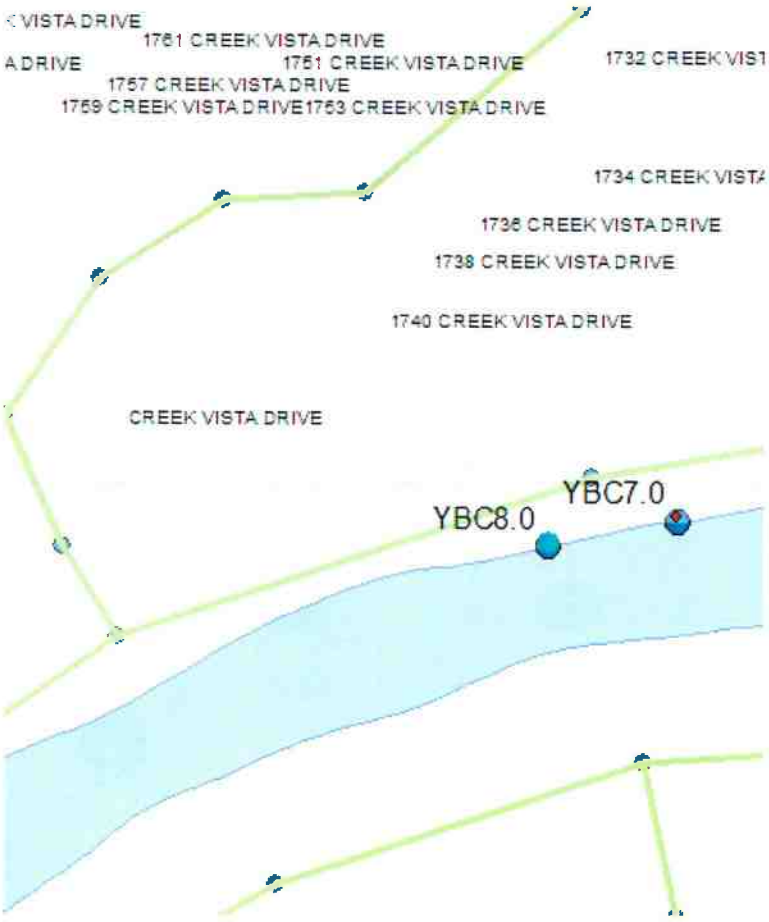
Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.




VISTA DRIVE
1761 CREEK VISTA DRIVE
A DRIVE
1751 CREEK VISTA DRIVE
1732 CREEK VIST
1757 CREEK VISTA DRIVE
1759 CREEK VISTA DRIVE1753 CREEK VISTA DRIVE
1734 CREEK VISTA
1736 CREEK VISTA DRIVE
1738 CREEK VISTA DRIVE
1740 CREEK VISTA DRIVE
CREEK VISTA DRIVE
YBC7.0
YBC8.0

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/27/18**	Outfall ID No.: **YBC 9.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: 40° 12' 59.47995651N"
☐ Industrial ☐ Urban Residential	Longitude: 076° 52' 57.96380478W"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☒ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **2/9/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☒ Parabolic ☐ Other	Depth: **36** in Top Width: **300** in Bottom Width: **180**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☒ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.


88 DEERFIELD ROAD
92 DEERFIELD ROAD
96 DEERFIELD ROAD
YBC9.0
YBC10.0



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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/27/18**	Outfall ID No.: **YBC 10.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: 40° 12' 58.30924478N"
☐ Industrial ☐ Urban Residential	Longitude: 076° 52' 59.65790922W"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☒ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **2/9/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☒ Parabolic ☐ Other	Depth: **6** in Top Width: **12** in Bottom Width: **10 in**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☒ Trickle ☐ Moderate ☐ Significant ☐ N/A

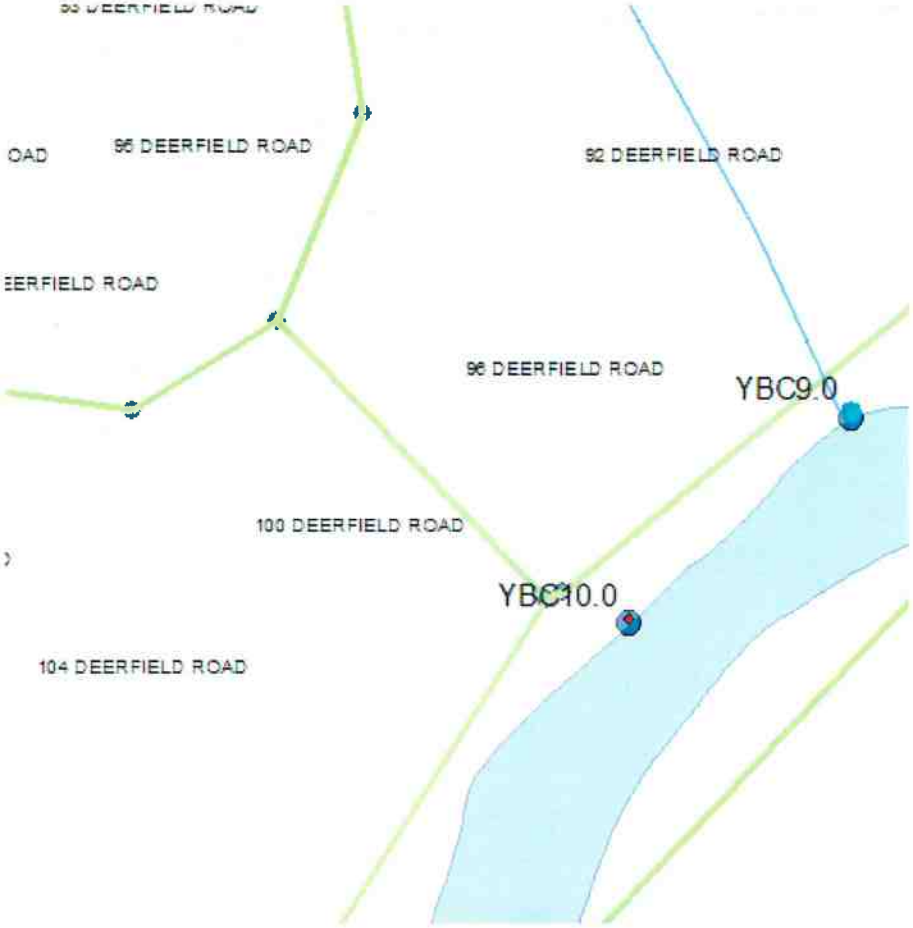
DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.


96 DEERFIELD ROAD
92 DEERFIELD ROAD
96 DEERFIELD ROAD
YBC9.0
100 DEERFIELD ROAD
YBC10.0
104 DEERFIELD ROAD



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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/27/18**	Outfall ID No.: **YBC 11.0**
Land Uses in Outfall Drainage Area (Select All): ☐ Industrial ☐ Urban Residential ☐ Commercial ☒ Suburban Residential ☐ Open Space ☐ Other:	Latitude: 40° 12' 55.46068487N"
	Longitude: 076° 53' 01.85367543W"
	Dry Weather Inspection? ☒ Yes ☐ No
	Date of Previous Precipitation: **2/22/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☒ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: **18** in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: _____ in Top Width: _____ in Bottom Width: _____	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.




109 FINEVIEW ROAD
104 DEERFIELD ROAD
IEW ROAD
105 FINEVIEW ROAD
/AY
101 FINEVIEW ROAD
YBC11.0
/AY
CREEKWOOD DRIVE
BLACKSMITH ROAD
ROAD

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/27/18**	Outfall ID No.: **YBC 12.0**
Land Uses in Outfall Drainage Area (Select All): ☐ Industrial ☐ Urban Residential ☐ Commercial ☒ Suburban Residential ☐ Open Space ☐ Other:	Latitude: 40° 12' 52.96482975N"
	Longitude: 076° 53' 04.29948078W"
	Dry Weather Inspection? ☒ Yes ☐ No
	Date of Previous Precipitation: **2/22/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☒ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: **18** in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: _____ in Top Width: _____ in Bottom Width: _____	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

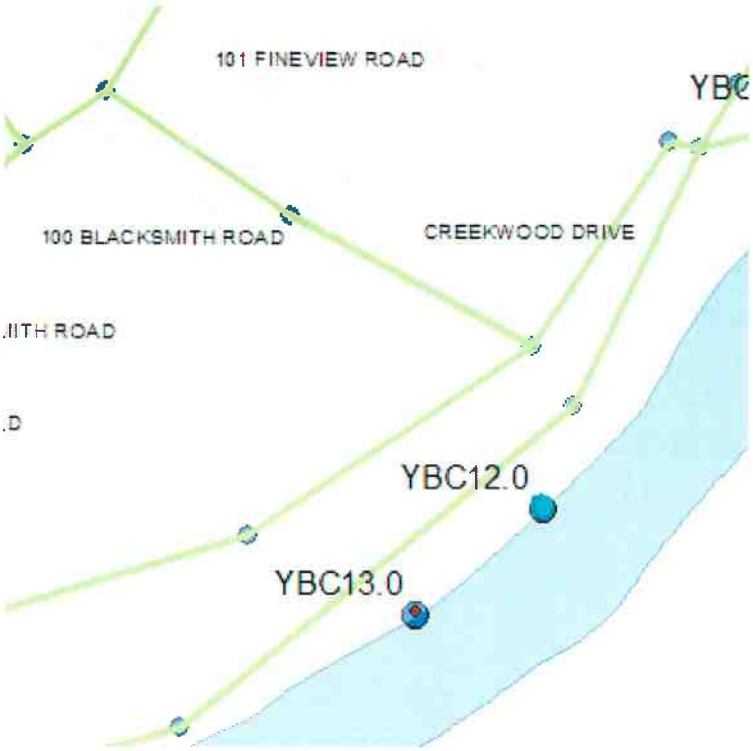
DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.


101 FINEVIEW ROAD
YBC
100 BLACKSMITH ROAD
CREEKWOOD DRIVE
.IITH ROAD
.D
YBC12.0
YBC13.0



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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/28/18**	Outfall ID No.: **YBC 13.0**
Land Uses in Outfall Drainage Area (Select All): ☐ Industrial ☐ Urban Residential ☐ Commercial ☒ Suburban Residential ☐ Open Space ☐ Other:	Latitude: 40° 12' 52.28791187N"
	Longitude: 076° 53' 05.37487283W"
	Dry Weather Inspection? ☒ Yes ☐ No
	Date of Previous Precipitation: **2/22/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☒ Parabolic ☐ Other	Depth: **18** in Top Width: **72** in Bottom Width: **24**	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

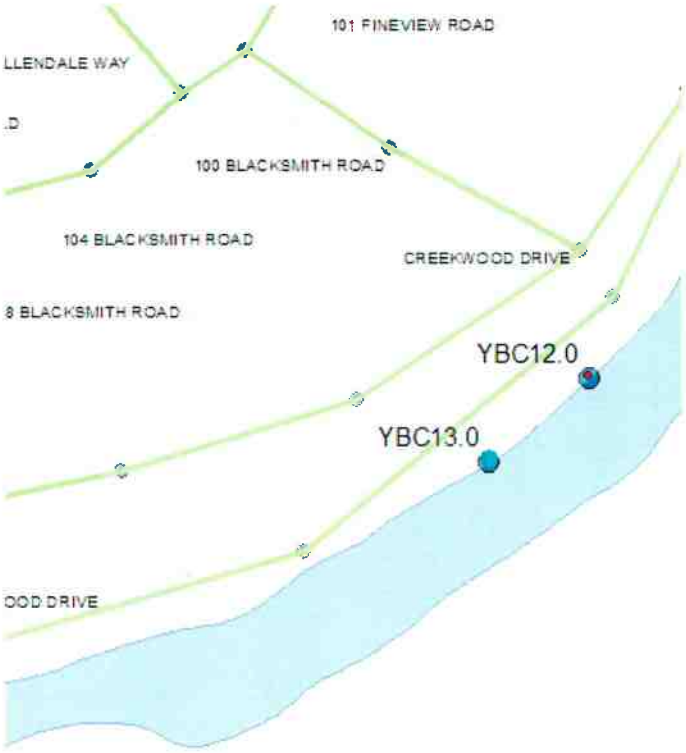
DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.


101 FINEVIEW ROAD
LLENDALE WAY
.D
100 BLACKSMITH ROAD
104 BLACKSMITH ROAD
CREEKWOOD DRIVE
8 BLACKSMITH ROAD
YBC12.0
YBC13.0
OOD DRIVE



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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/87/18**	Outfall ID No.: **YBC 14.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: 40° 12' 52.021" N"
☐ Industrial ☐ Urban Residential	Longitude: 076° 53' 5.934" W"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☒ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **2/22/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☒ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: **18** in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☒ Parabolic ☐ Other	Depth: **36** in Top Width: **108** in Bottom Width: **96 in**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☒ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.






GLENSIDE LANE
E LANE
200 WINDING WAY
201 WINDING WAY
155 CR
CREEKWOOD DRIVE
204 CREEKWOOD DRIVE
EEKWOOD DRIVE
200 CREEKWOOD DRIVE
YBC14.0

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/28/18**	Outfall ID No.: **YBC 15.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: ____° ____' 2210049.75"
☐ Industrial ☐ Urban Residential	Longitude: ____° ____' 322147.563"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☒ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **2/22/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: ____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☒ Parabolic ☐ Other	Depth: **12** in Top Width: **12** in Bottom Width: **6 in**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☒ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

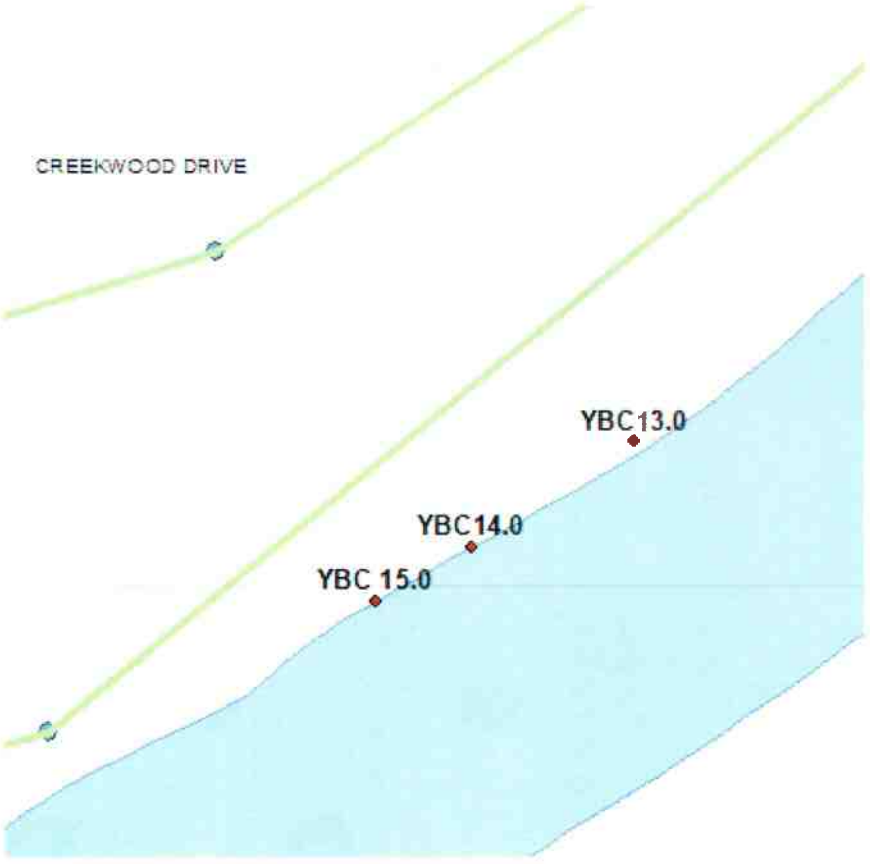
Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.




CREEKWOOD DRIVE
YBC13.0
YBC14.0
YBC 15.0

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/28/18**	Outfall ID No.: **YBC 16.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: 40° 12' 49.922" N"
☐ Industrial ☐ Urban Residential	Longitude: 076° 53' 14.734" W"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☒ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **2/22/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☒ Circular ☒ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: **18** in	☒ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: _____ in Top Width: _____ in Bottom Width: _____	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.


155 C
LANE
200 WINDING WAY
201 WINDING WAY
CREEKWOOD DRIVE
CREEKWOOD DRIVE
DRIVE
200 CREEKWOOD DRIVE
YBC16.0



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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/28/18**	Outfall ID No.: **YBC 17.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: 40° 12' 51.772" N"
☐ Industrial ☐ Urban Residential	Longitude: 076° 53' 24.380" W"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☒ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **2/22/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☒ Circular ☒ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: **18** in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: _____ in Top Width: _____ in Bottom Width: **in**	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.




232 CREEKWOOD DRIVE
216 GLENSIDE L
228 CREEKWOOD DRIVE
2
YBC17.0
224 CREEKWOOD DRIVE
220 CREEKWOOD DRIVI
216

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **2/28/18**	Outfall ID No.: **YBC 18.0**
Land Uses in Outfall Drainage Area (Select All): ☐ Industrial ☐ Urban Residential ☐ Commercial ☒ Suburban Residential ☐ Open Space ☐ Other:	Latitude: 40° 13' 5.140" N"
	Longitude: 076° 53' 32.883" W"
	Dry Weather Inspection? ☒ Yes ☐ No
	Date of Previous Precipitation: **2/22/18**
	Amount of Previous Precipitation: **.25** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☒ Trapezoid ☐ Parabolic ☐ Other	Depth: **54** in Top Width: **120** in Bottom Width: **60 in**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☒ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

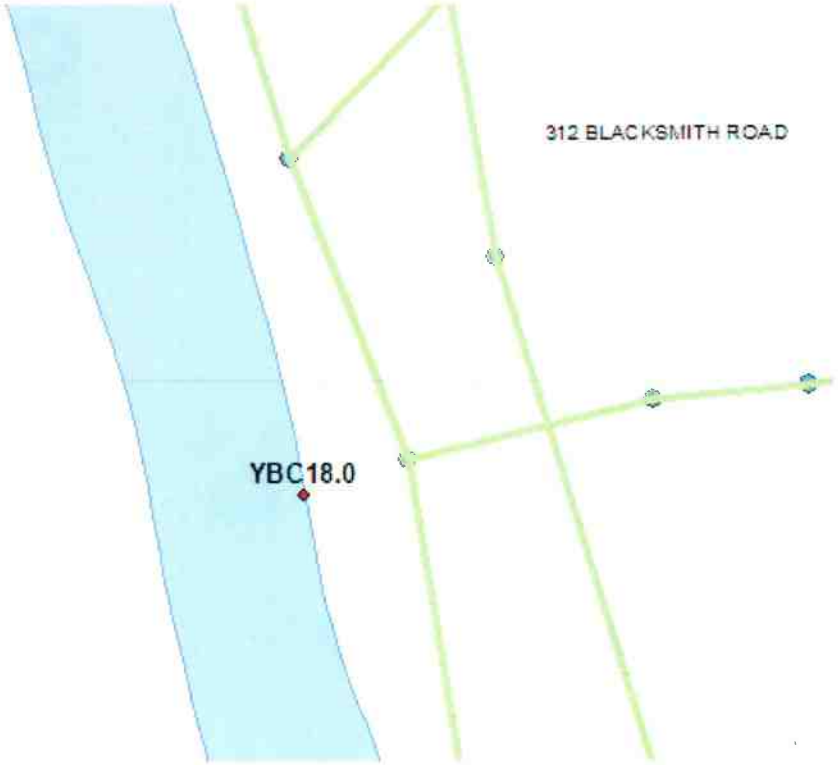
Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.




312 BLACKSMITH ROAD
YBC18.0

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BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **5/3/18**	Outfall ID No.: **YBC 19.0**
Land Uses in Outfall Drainage Area (Select All): ☐ Industrial ☐ Urban Residential ☐ Commercial ☒ Suburban Residential ☐ Open Space ☐ Other:	Latitude: 40° 13' 8.008" N"
	Longitude: 076° 53' 33.875" W"
	Dry Weather Inspection? ☒ Yes ☐ No
	Date of Previous Precipitation: **4/30/18**
	Amount of Previous Precipitation: **.1** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☒ Trapezoid ☐ Parabolic ☐ Other	Depth: **36** in Top Width: **96** in Bottom Width: **48 in**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☒ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

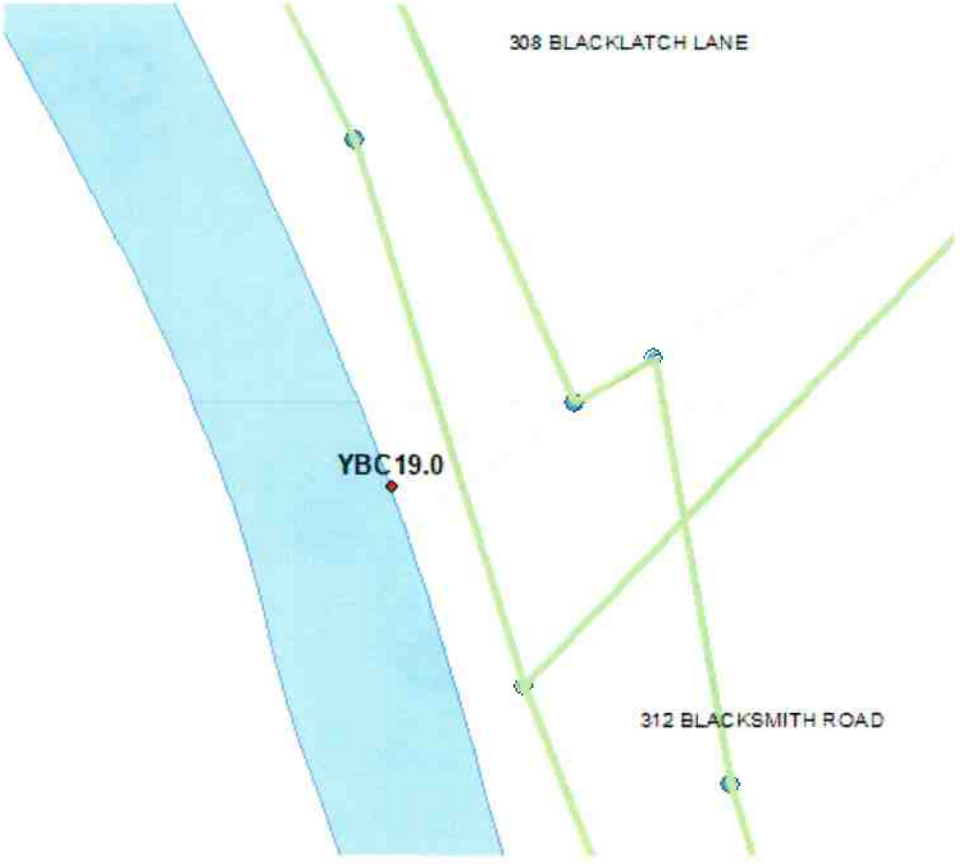
Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.






308 BLACKLATCH LANE
YBC19.0
312 BLACKSMITH ROAD

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BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **5/25/18**	Outfall ID No.: **YBC 20.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: 40° 13' 18.505" N"
☐ Industrial ☐ Urban Residential	Longitude: 076° 53' 41.838" W"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☒ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **2/22/18**
	Amount of Previous Precipitation: **.1** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☐ Concrete ☒ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☒ Parabolic ☐ Other	Depth: **42** in Top Width: **108** in Bottom Width: **24 in**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☒ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

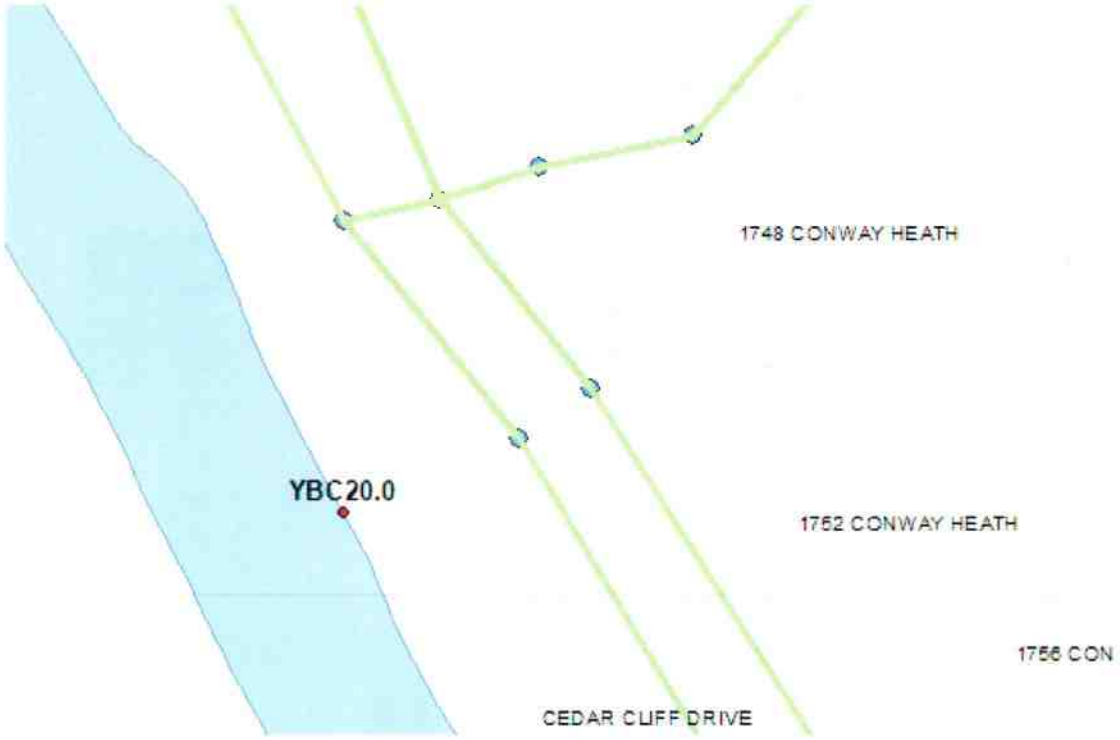
Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.




1748 CONWAY HEATH
YBC20.0
1752 CONWAY HEATH
1756 CON
CEDAR CLIFF DRIVE

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **5/3/18**	Outfall ID No.: **YBC 21.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: 40° 13' 29.327" N"
☐ Industrial ☐ Urban Residential	Longitude: 076° 53' 51.993" W"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☒ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **4/30/18**
	Amount of Previous Precipitation: **.1** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☒ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☒ Other	Depth: **72** in Top Width: **384** in Bottom Width: **384 in**	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

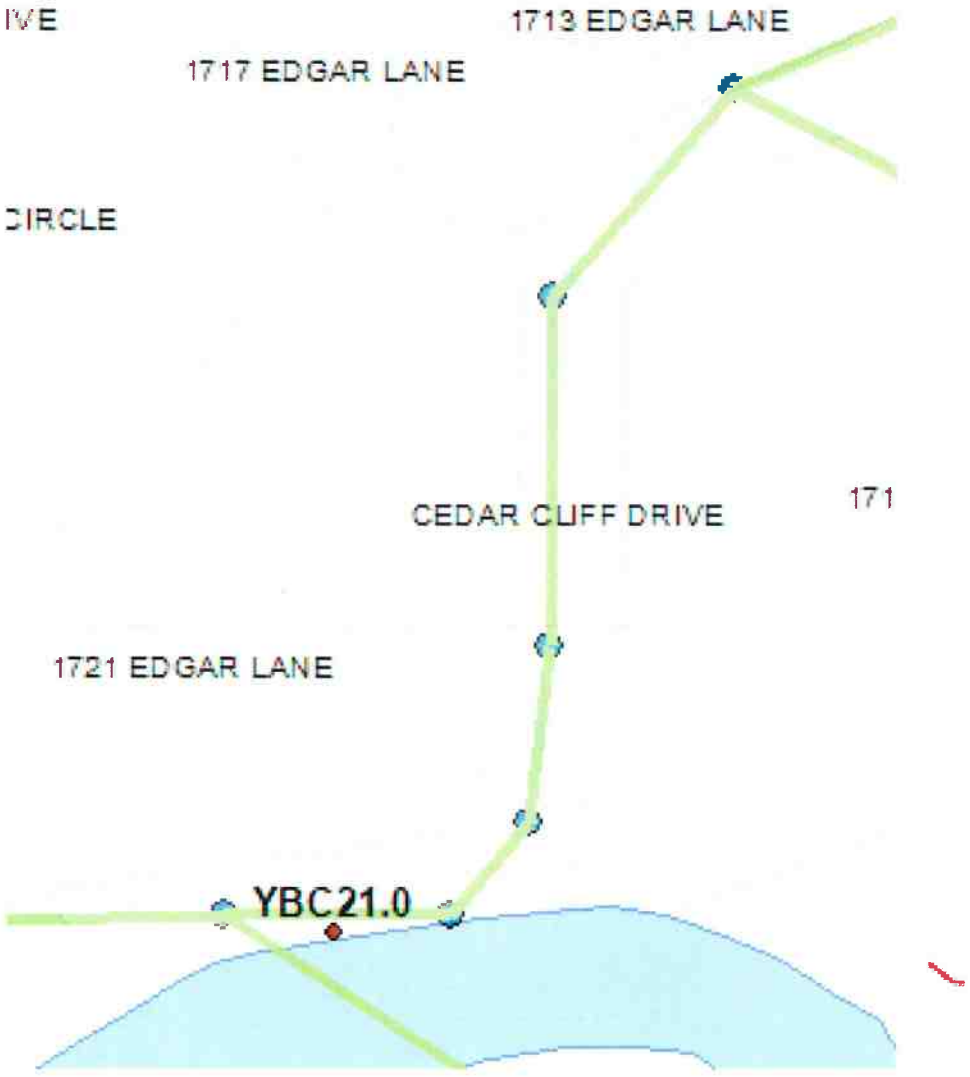
Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.






IVE
1713 EDGAR LANE
1717 EDGAR LANE
CIRCLE
CEDAR CLIFF DRIVE
171
1721 EDGAR LANE
YBC21.0

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: **Lower Allen Township**	NPDES Permit No.: PA**133511**
Date of Inspection: **5/3/18**	Outfall ID No.: **YBC 22.0**
Land Uses in Outfall Drainage Area (Select All):	Latitude: 40° 13' 28.179" N"
☐ Industrial ☐ Urban Residential	Longitude: 076° 53' 55.068" W"
☐ Commercial ☒ Suburban Residential	Dry Weather Inspection? ☒ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: **4/30/18**
	Amount of Previous Precipitation: **.1** in
Inspector Name(s): **Ray Allen and Rebecca Davis**	Were Photographs Taken? ☒ Yes ☐ No
	Are Photographs Attached? ☒ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: _____ in	☐ In Water ☐ With Sediment
☒ Open Channel	☒ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☒ Other	Depth: **60** in Top Width: **144** in Bottom Width: **48 in**	

Dry Weather Flow Present at Outfall During Inspection? ☒ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☒ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

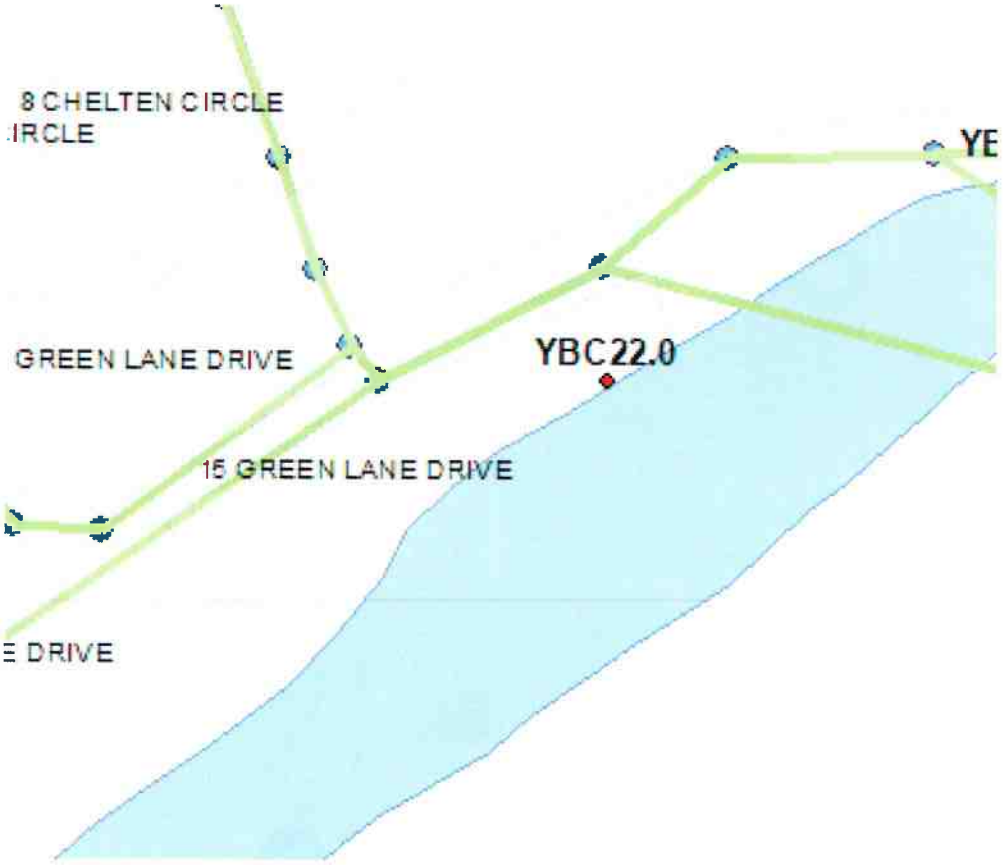
Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.




8 CHELTEN CIRCLE
IRCLE
YE
GREEN LANE DRIVE
YBC22.0
15 GREEN LANE DRIVE
E DRIVE

ATTACHMENT # 21

BMP INVENTORY & INSPECTION REPORTS

BMP#1

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APR 05 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #1

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



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Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #2

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	N	VEGETATION NEEDS REMOVED
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ
Name (print)

Signature

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Date

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National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #3

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)
Signature
040518 — Date



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APR 05 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #4

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	N	SINK HOLE IS SCHEDULED FOR REPAIR
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	SINK HOLE IS FENCED OFF

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



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Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #5

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ	[signature]	040518
Name (print)	Signature	Date



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Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #6

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



BMP#1

APR 05 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #7

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



BMP#1

APR 05 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #8

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

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LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #9

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date





BMP#1

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LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #11

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



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Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No.	**Subdivision/Land Development/Drainage Plan No. (if known)**
13-09-0545-006	

Date of Inspection: 040518 #12

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



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Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 Russell Ave GAITHERSBURG, MD 20877	325 Wesley DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #13

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



BMP #1

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LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #14

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



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National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #15

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



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Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

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Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No.	**Subdivision/Land Development/Drainage Plan No. (if known)**
13-09-0545-006	

Date of Inspection: 040518 #16

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



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Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
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Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006.	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #17

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



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Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)

Signature

040518 — Date



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LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASBURY ATLANTIC INC 201 RUSSELL AVE GAITHERSBURG, MD 20877	325 WESLEY DRIVE, MECHANICSBURG PA. 17055
Tax Parcel ID No. 13-09-0545-006	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 040518 #19

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

MARK RUIZ — Name (print)
Signature
040518 — Date



#5

BMP #5

JAN 02 2018

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Justin L. Kaercher	8 Cedar Cliff Dr Camp Hill, Pa
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-24-0805-051	

Date of Inspection: 12/23/17

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Justin L. Kaercher
Name (print)

Signature

12/23/17
Date

#10

#10

DEC 28 2017

TOWNSHIP

✓

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Lower Allen VFW Post 7530	4545 Westport Dr Mechanicsburg, PA 17055
Tax Parcel ID No. #13-10-0256-039	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 12-26-17

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Sandra Clark — Sandra C — 12-26-17

Name (print) — Signature — Date

BMP#13

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LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Yellclad Limited	4510 Westport drive Mechanicsburg PA 17055
Tax Parcel ID No. 13-10-0256-030	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 12/22/2017

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation	Y	No visible sediment No repair needed
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

Justin Warner — Name (print)
Signature — Date 12/22/2017

BMP #15

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LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
YCH PROPERTIES LP	3809 HARTZDALE DR. CAMP HILL, PA. 17011
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-24-0799-256	

Date of Inspection: 4/3/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

DUANE SUMMERS — D Summers — 4/3/18
Name (print) — Signature — Date

Rebecca Davis

From: Duane <duane@yamahatriumphofcamphill.com>
Sent: Tuesday, April 03, 2018 6:17 PM
To: Rebecca Davis
Subject: storm water
Attachments: YCH.pdf

Attached is the maintenance inspection report.

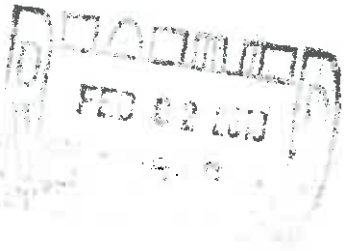


Duane Summers
General Manager

Yamaha-Triumph-KTM of Camp Hill
3809 Hartzdale Dr.
Camp Hill, PA. 17011
717-761-6192 Office
717-761-8370 P.Fax
717-645-0160 P.Cell

www.yamahatriumphofcamphill.com

16 ✓
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Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
THOMAS FUENTES	3432 CISCO RD Mech - 17055
Tax Parcel ID No. 13-28-2430-026	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1-26-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Yes	
Stability of embankments and other soil areas	Yes	
Integrity and condition of vegetation	Yes	
Collection, storage and release of stormwater in accordance with the facility design	Yes	
Sediment accumulation	NO	
Safety	Yes	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Yes	
Stability of soil over and adjacent to the facility	Yes	
Collection, storage and release of stormwater in accordance with the facility design	Yes	
Sediment accumulation	NO	
Safety	Yes	

Submitted by:

THOMAS FUENTES
Name (print)

Signature

1-26-18
Date

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Shaun Ellis	**900 Century Drive, Mechanicsburg, PA 17055**
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-24-0795-176	**Ellis Professional Office Building**

Date of Inspection: **January 24, 2018**

Inspection of Open Basins:

		Satisfactory (Y/N)	Repairs needed (list repairs, if any)
1.	Structural integrity and operation of outlet structures and appurtenances	**N**	**Tree removal from Emergency Spillway & Principal Spillway outlets**
2.	Stability of embankments and other soil areas	**N**	**Pond #1 embankment requires repair at Principal Spillway area**
3.	Integrity and condition of vegetation	**N**	**Bio-Retention is not planted for its intended use**
4.	Collection, storage and release of stormwater in accordance with the facility design	**Y**	
5.	Sediment accumulation	**N**	**Storm Sewers & Basin 1 Discharge Pipe need cleaned of sediment**
6.	Safety	**Y**	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	**N/A**	
Stability of soil over and adjacent to the facility	**N/A**	
Collection, storage and release of stormwater in accordance with the facility design	**N/A**	
Sediment accumulation	**N/A**	
Safety		

Submitted by: **H. Edward Black & Associates, Ltd.**

Richard W. Bittner
Name (print)

Signature

1/25/2018
Date

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and maintenance Inspection Report
For
Ellis Professional Office Building
900 Century Drive, Mechanicsburg, PA

Tax Parcel ID No. 13-24-0795-176

January 25, 2018

EXPLANATION OF REPAIRS NEEDED

1. Trees have grown in the Emergency Spillway and Principal Spillway discharge outfalls throughout the outlet protection rip-rap areas. These areas are required to be free of all trees and shrubs. The trees, stumps and roots need to be removed.

2. The embankment behind the principal spillway structure of Pond #1 has subsided and is washing away in several places. The cause of these holes need to be investigated to provide the correct repair. These areas appear not to be rodent holes but possibly sinkhole, outlet pipe collapse or slope failure.

3. The Bio-Retention System is not planted as designed. The existing Bio-Retention area is currently planted as lawn cut to a short height. Design required the front half to be planted in a bed mulch with a variety of shrubs and perennial plants with the rear half to be planted with a permanent seed mixture that was intended to be non-mowed. If the original variety of shrubs and plants did not survive in this location, then the design planting mix can be substituted with a variety of Rain Garden plants with the approval by the Township. The rear section of the Bio-Retention area could be planted with a low maintenance turf mixture. This special purpose mixture is for areas that do not accommodate frequent mowing and fertilization. This mixture is slower and lower growing providing excellent ground cover without growing wild. Any low maintenance mix does require mowing once a year to keep the woody vegetation from growing.

5. Storm Sewers and Stormwater Basin Discharge Pipe needs to be cleaned of sediment to allow for design flows. There appears to 2 to 4 inches of sediment in the pipes, especially at the outlet side of the drain pipes.

H. EDWARD BLACK
and ASSOCIATES, Ltd.

☐ COMPREHENSIVE LAND AND SITE PLANNING ☐ LANDSCAPE ARCHITECTURE ☐ ENGINEERING

Attention: Mr. Dan Flint	Date: February 9, 2018	Project # 16003.001
Lower Allen Township	RE: Stormwater BMP Inspection Report	
2233 Gettysburg Road	Ellis Professional Office Building – Parcel ID# 13-24-0795-176	
Camp Hill, PA 17011	900 Century Drive, Mechanicsburg, PA 17055	

We are sending you the following items ☒ Attached ☐ Prints ☐ Tracings ☐ Computations

☐ Descriptions ☐ Applications ☐ Specifications ☐ Copy of Letter ☒ Inspection Report

Via: ☐ Mail ☐ Certified Mail ☐ Courier ☐ Overnight Service ☐ Pick Up ☐ By Hand ☐ Email

Copies	Date or No.	Descriptions
1	1/25/2018	Stormwater Management BMP Operation & Maintenance Inspection Report

These are transmitted as checked below:

☐ For Approval ☐ As Approved By: ☐ For Review

☐ As Submitted for Approval To: ☒ For Your Use ☐ Please Return To Us After Using

☐ As Requested By: ☐ ____

Remarks: Dan,

Attached please find the Stormwater Management BMP Operation & Maintenance Inspection Report for Shaun Ellis property. We will submit a letter upon completion of the repairs required for compliance with the Stormwater Management BMP Operation & Maintenance Agreement. If you have any questions, please contact us.

Thanks,

If enclosures are not as noted, kindly notify us at once.

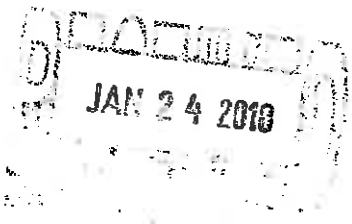
CC: File

Signed: _____

2403 North Front Street ☐ Harrisburg, Pennsylvania 17110 ☐ Telephone (717) 233-1026 ☐ FAX (717) 233-2192

#19

#19



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Century Park Investments LP	4732 Gettysburg Rd Suite 302, Mechanicsburg PA 17055
Tax Parcel ID No. 13-24-0795-001A	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1/23/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Steve Sinkovitz — Name (print)

Signature

1/23/18 — Date

#24

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

JAN 2 3 2018
LOWER ALLEN TOWNSHIP

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Slate Hill Mennonite Church	1352 Slate Hill Rd. Camp Hill PA 17011
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-10-0258-004	

Date of Inspection: 1-27-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Paul M. Zimmerman — Name (print)

Paul M. Zimmerman — Signature

1-27-18 — Date

#29

JAN 2 8 2018

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Derek/Christina Price	4526 Woods Way Mechanicsburg, PA 17055
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
#13-10-0256-068	Manor @ Westport

Date of Inspection: 1/15/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Derek Price
Name (print)

Signature

1/15/18
Date

Bmp#31

RECEIVED
APR 11 2018
LOWER ALLEN TOWNSHIP

4-10-18
Emailed to
Rebecca Davis

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Cumberland Perry Housing	805 Upland St Mechanicsburg Pa
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-24-0795-191	DP 2004-03

Date of Inspection: 4-9-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Scott Winters
Name (print)

Signature

4-6-18
Date

Bmp#
34

RECEIVED
APR 11 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Christ Community Church	1201 Slate Hill Rd Camp Hill PA 17011
Tax Parcel ID No. 13-24-0797-218	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: _____

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Rodney Westhafer
Name (print)

Signature

3-1-18
Date

#✓42

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
High Hotels TownePlace Suites MARRIOTT	4915 Ritter Road, Mechanicsburg
Tax Parcel ID No. 13-10-0256-044	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1/31/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

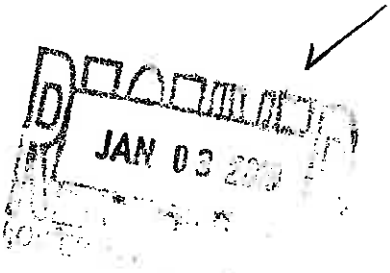
Brad Wright
Name (print)

Signature

2/1/18
Date

#47

#47



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Linlo Properties III, LP	1215 Manor Drive, ~~Upper~~ Lower Allen Township Mechanicsburg, PA 17055
Tax Parcel ID No. #13-10-0256-037	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: January 2, 2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	YES	
Stability of embankments and other soil areas	YES	
Integrity and condition of vegetation	YES	
Collection, storage and release of stormwater in accordance with the facility design	YES	
Sediment accumulation	YES	
Safety	YES	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	N/A	
Stability of soil over and adjacent to the facility	N/A	
Collection, storage and release of stormwater in accordance with the facility design	N/A	
Sediment accumulation	N/A	
Safety	N/A	

Submitted by:

Lowell R. Gates — Name (print)

Lowell R Gates — Signature

01/02/2018 — Date

BMP #49

RECEIVED
MAY 30 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
DEPT. OF CORRECTIONS SCI - CAMP HILL	2500 LISBURN RD CAMP HILL, PA 17001
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-09-0547-007-EX	DGS PROJECT NO. 573-25 DIAGNOSTIC BLDG.

Date of Inspection: MAY 25, 2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances		
Stability of embankments and other soil areas		
Integrity and condition of vegetation		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	INTEGRITY AND OPERATION OF INFILTRATION FACILITY MAINTAINED
Stability of soil over and adjacent to the facility	Y	STABLE, LAWN IS MAINTAINED
Collection, storage and release of stormwater in accordance with the facility design	Y	MANHOLE COVERS DRY OPERATION IN ACCORDANCE TO DESIGN
Sediment accumulation	Y	BASKETS CLEANED OUT REGULARLY, NONE OBSERVED
Safety	Y	FENCED, NO CONCERNS REPORTED

Submitted by:

CAROL A. PIONTKOWSKI, P.E. Carol A. Piontkowski 5/25/2018
Name (print) Signature Date

BMP#58

RECEIVED
JUN 29 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Roman Catholic Diocese of Harrisburg	Trinity High School 3601 Simpson Ferry Road Camp Hill, PA 17011
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: June 29, 2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	Note: sediment has not reached level required for removal yet.
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

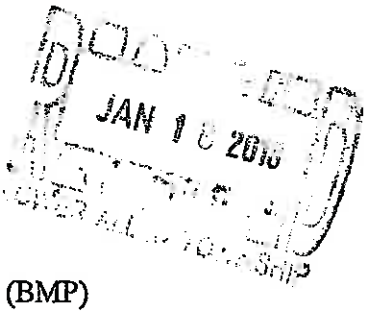
Peter S. Joyce
Name (print)

Peter S Joyce
Signature

6/29/2018
Date

#57

#57



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
WILLIAM WERZYN	5120 SIMPSON FERRY RD MECHANICSBURG PA 17055
Tax Parcel ID No. #13-23-0559-090	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1-12-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	YES	
Stability of embankments and other soil areas	YES	
Integrity and condition of vegetation	YES	
Collection, storage and release of stormwater in accordance with the facility design	YES	
Sediment accumulation	YES	
Safety	YES	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilitics	YES	
Stability of soil over and adjacent to the facility	YES	
Collection, storage and release of stormwater in accordance with the facility design	YES	
Sediment accumulation	YES	
Safety	YES	

Submitted by:

ED HARRISON	Ed Harrison	1-12-18
Name (print)	Signature	Date

BMP #57

RECEIVED
APR 06 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
WILLIAM WERZYN	5024 SIMPSON FERRY Rd
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-23-0559-090	

Date of Inspection: 3/30/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	SMALL SECTION OF EMBANKMENT IS SINKING AND/OR SLIDING DOWN.
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

CORY CLARK		3/30/18
Name (print)	Signature	Date

BMP #59

RECEIVED
MAR 21 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address 3804 LISBURN RD
LFGC, INC	MECHANICSBURG PA 17055
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-11-0270-412	

Date of Inspection: 3/19/2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

LUKE A.V. GRUMBINE	Luke A.V. Grumbine	3/19/2018
Name (print)	Signature	Date

BMP #60
#139 +

#139

RECEIVED
JAN 24 2018

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
950 Woodland Investments LLC	4732 Gettysburg Rd Suite 302 Mechanicsburg PA 17055
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-24-0795-170	

Date of Inspection: 1/23/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Steve Sivitz — Name (print)

Signature

1/23/18 — Date

BMP# 61

APR 03 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Joseph Giordano	3702 Gettysburg Road / Camp Hill
Tax Parcel ID No. 13-23-0553-026	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 3-31-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	YES	
Stability of embankments and other soil areas	YES	
Integrity and condition of vegetation	YES	
Collection, storage and release of stormwater in accordance with the facility design	YES	
Sediment accumulation	YES	
Safety	YES	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	YES	
Stability of soil over and adjacent to the facility	YES	
Collection, storage and release of stormwater in accordance with the facility design	YES	
Sediment accumulation	YES	
Safety	YES	

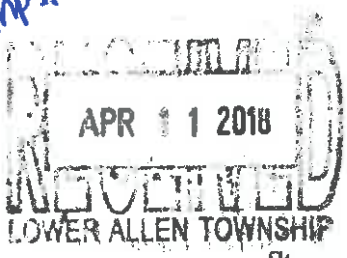
Submitted by:

Joseph Giordano — Name (print)

Signature

3-31-18 — Date

BMP #02



NOT Developed yet VACANT LOT

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Wm + Eliz Grace	145 LOCUST ST.
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-23-0555-083	

Date of Inspection: _____

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

WR GRACE
Name (print)

Signature

4/10/18
Date



63 A

FEB 12 2019

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Michelle Meiser	2420 Massachusetts Avenue Camp Hill PA 17011
Tax Parcel ID No. 13-23-0549-107	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1/31/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	N	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	N	
Safety	Y	

Submitted by:

Michelle Meiser — Name (print)
Michelle L Meiser — Signature
1/16/18 — Date

*16

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

JAN 2 0

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
DAVID H. PEIFFER	1841 Brookview Drive New Cumberland, PA 17070
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-10-0260-010	Beacon Hill (Lower Allen Township)

Date of Inspection: January 1, 2016

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

DAVID H. PEIFFER
Name (print)

Signature

JANUARY 15, 2016
Date

*61

#61

RECEIVED
DEC 28 2017
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
JONATHAN & JADE RUEL	1595 THOMPSON LANE
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-10-0258-063	

Date of Inspection: 12/27/17

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	y	
Stability of embankments and other soil areas	y	
Integrity and condition of vegetation	y	
Collection, storage and release of stormwater in accordance with the facility design	y	
Sediment accumulation	y	
Safety	y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	y	
Stability of soil over and adjacent to the facility	y	
Collection, storage and release of stormwater in accordance with the facility design	y	
Sediment accumulation	y	
Safety	y	

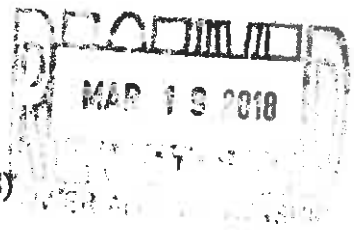
Submitted by:

Jonathan Ruel
Name (print)

Signature

12/27/17
Date

#68



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Ron Sisti	21 SANTA MARIA AVE CAMP HILL
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-23-0551-153	

Date of Inspection: 3-19-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	N	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

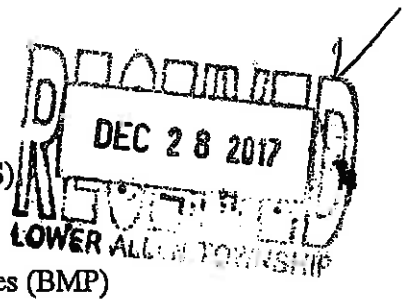
	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	N	
Safety	Y	

Submitted by:

Ron Sisti	R D Sisti	3-19-2018
Name (print)	Signature	Date

#10

#10



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
SHEKER FAMILY LP	75 Zimmerman Dr
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-23-0553-064	

Date of Inspection: 12/23/2017

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

LT Sheker		12/23/2017
Name (print)	Signature	Date

RECEIVED
MAR 27 2018
LOWER ALLEN TOWNSHIP

BMP#71

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Christian Life Assembly	2645 Lisburn Rd Camp Hill
Tax Parcel ID No.	**Subdivision/Land Development/Drainage Plan No. (if known)**
13-10-0258-015	

Date of Inspection: 3/20/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Gary Fruitger	[signature]	3/20/18
Name (print)	Signature	Date

BMP #13

RECEIVED
MAR 23 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
CHARLES + VICKI Sourbeer	Lisburn Rd. Lot A49 - Rev PB 88 PG 9
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
# 13-11-0270-101	Highmeadow

Date of Inspection: MARCH 13th 2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Charles Hoyer Sourbeer — Name (print)

Signature

3-21-18 — Date

BMP#74

RECEIVED
MAR 27 2018
LOWER ALLEN TOWNSHIP

RECEIVED MAR 2 0 2018

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Motel Sleepers, Inc.	5022 Arthur Ave
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-23-0559-088	

Date of Inspection: March 21, 2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Yes	
Stability of embankments and other soil areas	Yes	
Integrity and condition of vegetation	Yes	
Collection, storage and release of stormwater in accordance with the facility design	Yes	
Sediment accumulation	Yes	
Safety	Yes	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Yes	
Stability of soil over and adjacent to the facility	Yes	
Collection, storage and release of stormwater in accordance with the facility design	Yes	
Sediment accumulation	Yes	
Safety	Yes	

Submitted by:

Cynthia King — Cynthia King — 3-26-18

Name (print) — Signature — Date

ORIGINAL FORM COMPLETED + MAILED DEC 2017.

BMP #75

RECEIVED
MAR 28 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
RUDOLF + GERTRUDE GASSNER	1712 LIBERTY COVE, MECHANICSBURG, PA 17055
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-11-0270-097	

Date of Inspection: DEC 2017

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

RUDOLF GASSNER — Name (print)
Rudolf Gassner — Signature
3/25/2018 — Date

BMP #77

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Old Gettysburg Assocs IV LP	4732 Gettysburg Rd Suit 302, Mechanicsburg PA 17055
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-24-0795-003	

Date of Inspection: 1/23/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Steve Sinkovitz
Name (print)

Signature

1/23/18
Date

#77

#77

JAN 24 2018

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Old Gettysburg Assocs IV LP	4732 Gettysburg Rd Suit 302, Mechanicsburg PA 17055
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-24-0795-003	

Date of Inspection: 1/23/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Steve Sintovitz
Name (print)

Signature

1/23/18
Date

BMP* 18

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Jeremy & Lauren Freeland	1435 Main St, Mechanicsburg, PA 17055
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: Jan. 17, 2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Yes	
Stability of embankments and other soil areas	Yes	
Integrity and condition of vegetation	Yes	
Collection, storage and release of stormwater in accordance with the facility design	Yes	
Sediment accumulation	Yes, no accumulati	Ponding has occurred
Safety	Yes	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Yes	
Stability of soil over and adjacent to the facility	Yes	
Collection, storage and release of stormwater in accordance with the facility design	Yes	
Sediment accumulation	Yes	
Safety	Yes	

Submitted by:

Jeremy Freeland
Name (print)

Signature

1/26/18
Date

BMP#79

RECEIVED
MAY 30 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
DEPT. OF CORRECTIONS SCI - CAMP HILL	2500 LISBURN RD CAMP HILL, PA
Tax Parcel ID No. 13-09-0547-007-EX	Subdivision/Land Development/Drainage Plan No. (if known) DGS PROJECT NO. 573-28 KITCHEN & DINING AREA

Date of Inspection: MAY 25, 2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances		
Stability of embankments and other soil areas		
Integrity and condition of vegetation		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

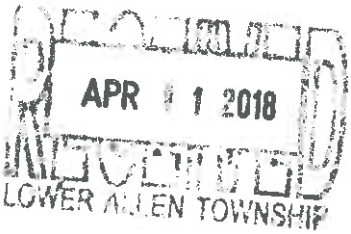
Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	INTEGRITY OF INFILTRATION FACILITY MAINTAINED
Stability of soil over and adjacent to the facility	Y	STABLE, LAWNS MAINTAINED
Collection, storage and release of stormwater in accordance with the facility design	Y	MANHOLE COVERS INTACT DRY CONDITIONS, OPERATION IN ACCORDANCE WITH DESIGN
Sediment accumulation	Y	NONE OBSERVED CLEAN OUTS CHECKED REGULARLY
Safety	Y	FENCED AREA, NO CONCERNS REPORTED

Submitted by:

CAROL A. PIONTKOWSKI, P.E. Carol A. Piontkowski 5/25/2018
Name (print) Signature Date

BMP# 81



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Kyle & Jessica Mackrine	1712 Main St. Mechanicsburg, PA 17055
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-31-234-059	

Date of Inspection: 4/9/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Kyle Mackrine
Name (print)

Signature

4/9/18
Date

84 *V

JAN 31 2019

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Skyline Steel	1250 St. John's Rd. Camp Hill, PA 17011
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-25-0020-054A.	

Date of Inspection: 1/15/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

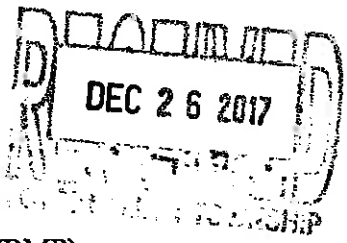
Robert Bogel — Name (print)

Signature

1.15.18 — Date

1880

#86



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address 1724 LIBERTY COVE MECHANICSBURG, PA 17055
JOHN J. ELTRINGHAM	
Tax Parcel ID No. 13-11-0270-099	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 12/21/17

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

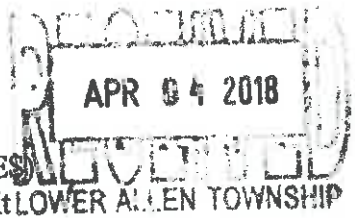
JOHN J ELTRINGHAM
Name (print)

Signature

12/21/17
Date

BMP#87

13-23-0859-087



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Eric Shaffer	5030 Arthur Ave, Mechanicsburg, PA 17050
Tax Parcel ID No. 25 177 2980	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 4/3/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	y	
Stability of embankments and other soil areas	y	
Integrity and condition of vegetation	y	
Collection, storage and release of stormwater in accordance with the facility design	y	
Sediment accumulation	y	
Safety	y	

Inspection of Subsurface Storage/Infiltration Facilities:

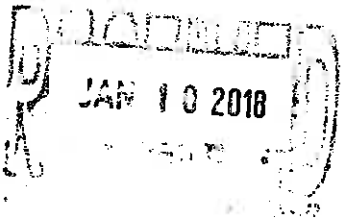
	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	y	
Stability of soil over and adjacent to the facility	y	
Collection, storage and release of stormwater in accordance with the facility design	y	
Sediment accumulation	y	
Safety	y	

Submitted by:

Shanna Bonsall	Shanna Bonsall	4/3/18
Name (print)	Signature	Date

#88

#88



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Holy Spirit Cancer Center	880 Century Drive Mechanicsburg PA
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-24-0795-174A	

Date of Inspection: 1-5-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Craig Blattenberger — Name (print)

Signature

1-5-18 — Date

90

RECEIVED
JAN 26 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
William C. Kollas Dianne L. Kollas	3599 Gettysburg Road, Camp Hill, PA 17011
Tax Parcel ID No. 13-23-0553-060	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1/23/2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

William C. Kollas
Name (print)

Signature

1/25/18
Date

LAW OFFICES OF
KOLLAS AND KENNEDY
1104 FERNWOOD AVENUE
CAMP HILL, PENNSYLVANIA 17011
Telephone No. (717) 731-1600 ♦ Facsimile No. (717) 731-1460

WILLIAM C. KOLLAS
JAMES W. KOLLAS

E-mail: carole@kollasandkennedy.com
E-mail: james@kollasandkennedy.com

January 25, 2018

Lower Allen Township
Attention MS-4 Coordinator
2233 Gettysburg Road
Camp Hill, PA 17011

RE: Property: 3599 Gettysburg Road, Camp Hill, PA 17011
Tax Parcel #: 13-23-0553-060

Dear Sir or Madam:

Enclosed please find a completed Operation and Maintenance Inspection Report in reference to the above property.

If you should have any questions, please do not hesitate to contact my office.

Very truly yours,

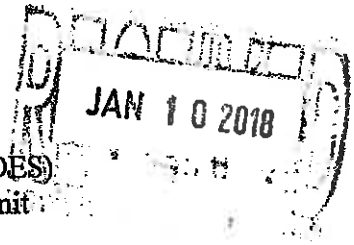
William C. Kollas/car

William C. Kollas

WCK/car
Enclosure

#92

#92



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Chris Federiw	1403 Wellgate Lane Mechanicsburg, Pa 17055
Tax Parcel ID No. 13-11-0270-073	Subdivision/Land Development/Drainage Plan No. (if known) Allen Estates

Date of Inspection: 1/9/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	yes	
Stability of embankments and other soil areas	yes	
Integrity and condition of vegetation	yes	
Collection, storage and release of stormwater in accordance with the facility design	yes	
Sediment accumulation	yes	
Safety	yes	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	yes	
Stability of soil over and adjacent to the facility	yes	
Collection, storage and release of stormwater in accordance with the facility design	yes	
Sediment accumulation	yes	
Safety	yes	

Submitted by:

Chris Federiw — Name (print)

Signature

1/9/18 — Date

#04

#94

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Harvey Sonnon Kellyann Sonnon	4975 Ravenwood Rd Mechanicsburg PA 17055
Tax Parcel ID No. 13-26-0247-107	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: _____

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Harvey Sonnon — Name (print)

Harvey Sonnon — Signature

1-17-18 — Date

#98

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Fairmeadows	3950 Hartzdale, Camp Hill
Tax Parcel ID No. 52-B	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1-26-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Sean Pack — Name (print)

Signature

1-29-18 — Date

* 100

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Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
4925 Ritter Rd Mechanicsburg LP	4925 Ritter Rd - Marzoni's
Tax Parcel ID No. 13-10-0256-015C	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: _____

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Yes	
Stability of embankments and other soil areas	Yes	
Integrity and condition of vegetation	Yes	
Collection, storage and release of stormwater in accordance with the facility design	Yes	
Sediment accumulation	Yes	
Safety	Yes	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Yes	
Stability of soil over and adjacent to the facility	Yes	
Collection, storage and release of stormwater in accordance with the facility design	Yes	
Sediment accumulation	Yes	
Safety	Yes	

Submitted by:

Rich Hollingshead
Name (print)

Signature

1-20-18
Date

BMP # 102

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APR 11 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Elizabeth Grace	3608 Hartzdale Dr.
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-24-0799-236	

Date of Inspection: _____

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

W Grace
Name (print)

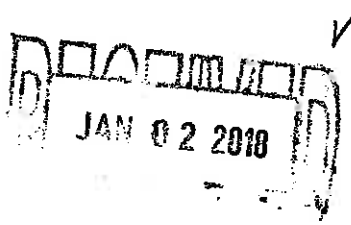
Signature

4/10/18
Date



#103

BMP # 103



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Etter Investments, LLC	5026 Arthur Ave, Mech PA 17050
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13230559089	

Date of Inspection: _____

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

TRACY D. Etter — Name (print)

Signature

12-26-17 — Date

BMP # 104

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APR 25 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Brian & Amy Rhykerd	1706 Wyndham Rd Camp Hill PA 17011
Tax Parcel ID No. 13-23-0547-261A	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 4-23-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Brian Rhykerd — Name (print)

Signature

4-23-18 — Date

#105

#105

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JAN 09 2018
TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
UMHC	5120 Simpson Ferry Rd.
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-09-0545-002 ex	

Date of Inspection: January 9, 2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

RICHARD N. CHUBB JR. — Name (print)

Richard N. Chubb — Signature

1-9-18 — Date

#110

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JAN 02 2018
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Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Koskap Partners	2500 (OLD) Gettysburg Pk
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
	13-23-0549-003A

Date of Inspection: 12/27/2017

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

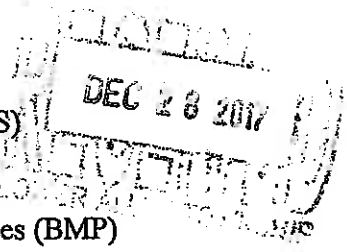
MARTIN R KAPELL — Name (print)

Martin R Kapell — Signature

12/27/2017 — Date

#114

#114



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Charter Homes	Arcona Road
Tax Parcel ID No. 13-10-025K-012	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 12/26/17

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	NA	
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

Matt Eshelman
Name (print)

Signature

12/26/17
Date

#100

#106

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JAN 24 2018

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Old Gettysburg ASSOCS IV LP	4732 Gettysburg Rd Suite 302 Mechanicsburg PA
Tax Parcel ID No. 13·24·0795·137	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1/23/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Steve Sinkovitz
Name (print)

Signature

1/23/18
Date

✓ #109

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JAN 11 2017
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Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
WALMART REAL ESTATE BUSINESS TRUST	3400 Hartzdale Dr.
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-23-0551-111	

Date of Inspection: 1-26-2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	VEGETATION 100% HEALTHY PLANT MATERIAL
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	NONE PRESENT
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	VERY SMALL AMOUNT OF SEDIMENT IN SYSTEM
Safety	Y	

Submitted by:

Derrick Lay — Name (print)

Signature

1-26-2018 — Date

BMP#116

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FAX 717-657-8125
info@triplecrowncorp.com

APR 1 1 2018
LOWER ALLEN TOWNSH

April 9, 2018

Rebecca Davis, MS4 Coordinator
Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011

RE: Stormwater BMP Facility Maintenance
Tax Parcel #13-24-0803-018

Dear Ms. Davis:

This correspondence is being sent in response to your March 15, 2018 Second/Final Notice regarding the above. Attached is the completed Operation and Maintenance Inspection Report along with photographs supporting the inspection.

If you have any questions, please do not hesitate to contact Garry Smith at smithg@triplecrowncorp.com or 717-657-5729 x. 143.

Thank you.

Sincerely,

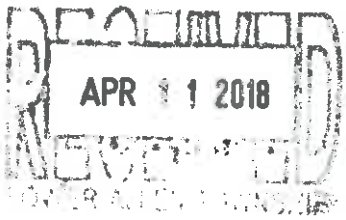
Jessica Hodnett

Jessica Hodnett
Executive Assistant

Enclosure

Cc: Garry Smith, Multi-Site Service Manager
File/BEA/Twp Correspondence

Bmp# 116



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Brooks Edge Apartments, LP c/o Triple Crown Corporation Attn: Garry Smith 5351 Jaycee Avenue, Harrisburg, PA 17112	850 Lisburn Road, Camp Hill, PA 17011
Tax Parcel ID No.	**Subdivision/Land Development/Drainage Plan No. (if known)**
13-24-0803-018	Brooks Edge

Date of Inspection: 4/6/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

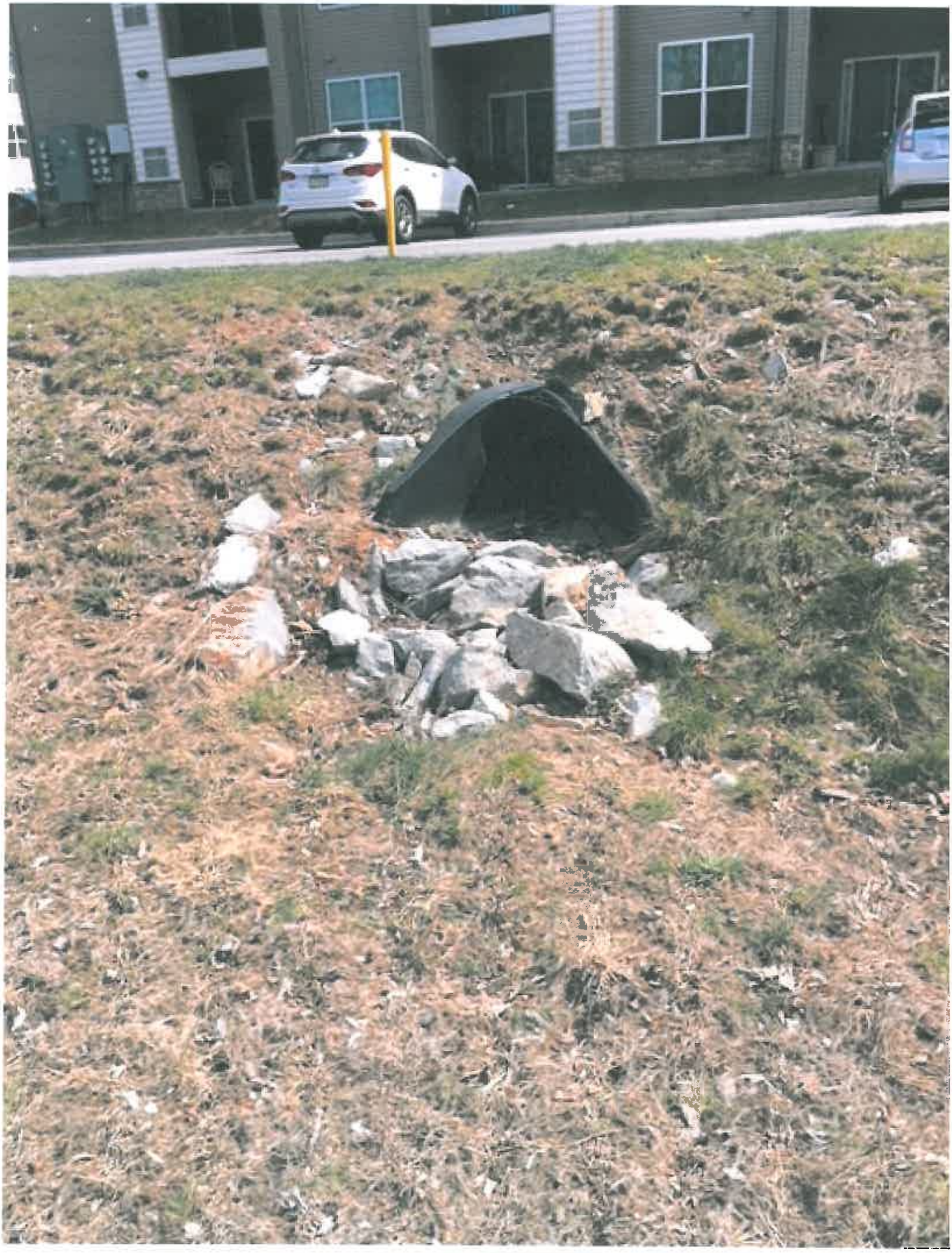
Submitted by:

Garry Smith — Name (print)

Signature

4/6/18 — Date







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info@triplecrowncorp.com

APR 1 1 2018

April 9, 2018

Rebecca Davis, MS4 Coordinator
Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011

RE: Stormwater BMP Facility Maintenance
Tax Parcel #13-10-0258-073

Dear Ms. Davis:

This correspondence is being sent in response to your March 15, 2018 Second/Final Notice regarding the above. Attached is the completed Operation and Maintenance Inspection Report along with photographs supporting the inspection.

If you have any questions, please do not hesitate to contact Garry Smith at smithg@triplecrowncorp.com or 717-657-5729 x. 143.

Thank you.

Sincerely,

Jessica Hodnett

Jessica Hodnett
Executive Assistant

Enclosure

Cc: Garry Smith, Multi-Site Service Manager
File/SGV/Twp Correspondence

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LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Stone Gate Village, LP c/o Triple Crown Corporation Attn: Garry Smith 5351 Jaycee Avenue, Harrisburg, PA 17112	2720 Lisburn Road, Camp Hill, PA 17011
Tax Parcel ID No.	**Subdivision/Land Development/Drainage Plan No. (if known)**
13-24-0258-073	Stone Gate Village

Date of Inspection: 4/6/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Garry Smith — Name (print)
Signature
4/6/18 — Date







*117

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
PR Capital City Limited Partnership	3505 Capital City Mall Drive, Camp Hill PA 17011
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-09-0547-006	Land Development Plan for the Capital City Mall

Date of Inspection: 01/26/2018

Inspection of Open Basins: BIOREMEDIATION BASIN

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Yes	None
Stability of embankments and other soil areas	Yes	Minimal scour observed at east (middle) roof-drain outlet. Suggest stabilizing basin bottom with full vegetation within next growing season.
Integrity and condition of vegetation	No	Approx. 50% veg. on side slopes w/ E&S matting installed & 25% veg. on basin bottom. Suggest spring inspection to ensure full vegetation.
Collection, storage and release of stormwater in accordance with the facility design	Yes	None
Sediment accumulation	Yes	None
Safety	Yes	None

Inspection of Subsurface Storage/Infiltration Facilities: BIOREMEDIATION BASIN

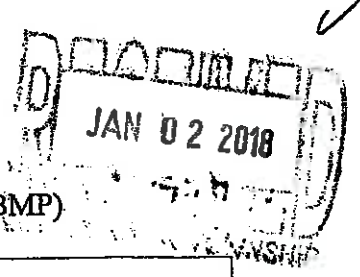
	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Yes	None
Stability of soil over and adjacent to the facility	Yes	Approx. 50% veg. on side slopes w/ E&S matting installed & 25% veg. on basin bottom. Suggest spring inspection to ensure full vegetation.
Collection, storage and release of stormwater in accordance with the facility design	Yes	None
Sediment accumulation	Yes	None
Safety	Yes	None

Submitted by:

Adam Williams, PLS, EIT		01/29/2018
Name (print)	Signature	Date

#119

#119



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
4530 Lewa Drive LP	4530 Lewa Drive Mechanicsburg, PA 17055
Tax Parcel ID No. 13-10-0256-042	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 12/22/17

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y (none)	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y (none)	
Safety	Y	

Submitted by:

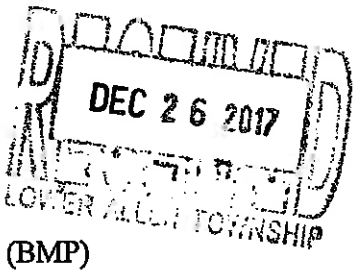
Douglas R. Berry — Name (print)

Douglas R. Berry — Signature

12/22/17 — Date

#120

#120



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Ronald & Diane Hodge	1742 Liberty Cove Mechanicsburg PA 17055
Tax Parcel ID No. 13-11-0270-103	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: Dec. 22 2017

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

Ronald Hodge — Name (print)

Ronald C Hodge — Signature

12/22/17 — Date

#122

#122

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JAN 05 2018

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
JOHN & SHARI ZIMMERMAN	1748 LIBERTY COVE MECHANICSBURG, PA 17055
Tax Parcel ID No. 13-11-0270-104	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1/2/2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	WATER BACKUP AT DOWNSPOUT CAUSED
Stability of soil over and adjacent to the facility	Y	EROSION AROUND CORNER OF HOUSE.
Collection, storage and release of stormwater in accordance with the facility design	Y	ROOFING BUILDER ADDED AN OVERFLOW VENT PIPE
Sediment accumulation	Y	AM I DID EXTENSIVE LANDSCAPING IN AREA TO PREVENT MORE DAMAGE.
Safety	Y	

Submitted by:

JOHN R ZIMMERMAN
Name (print)

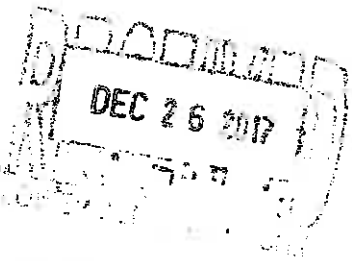
Signature

1/2/2018
Date

717-583-0252 (HOME)

#123

#123



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Kyle C. Snyder	1504 Woodcreek Dr. Mechanicsburg, PA 17055
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
#13-28-2430-111	High Meadow

Date of Inspection: 12/21/2017

Inspection of Open Basins: N/A

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	N/A	
Stability of embankments and other soil areas		
Integrity and condition of vegetation		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	N	
Safety	Y	

Submitted by:

Kyle C. Snyder — Name (print)

Signature

12/21/2017 — Date

BMP# 124

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Goodwill Keystone Area	3325 Hinkle Dale Drive Camp Hill, Pa 17011
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
# 13-24-0799-176B	?

Date of Inspection: February 20, 2013

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Yes	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

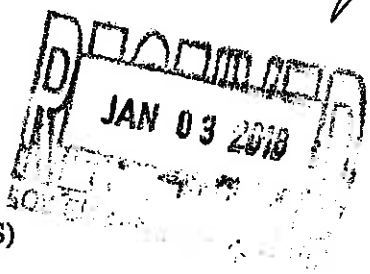
Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	Leaked out Stone area 2/19/2013
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Name (print)	Signature	Date
Wesley J. Rineer Facilities Director	Wesley J Rineer	3/21/2013

#127
#127



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Lena Drive Associates	4600 Lena Drive Mechanicsburg, PA 17055
Tax Parcel ID No. #13-10-0256-040	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 01/02/2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	YES	
Stability of embankments and other soil areas	YES	
Integrity and condition of vegetation	YES	
Collection, storage and release of stormwater in accordance with the facility design	YES	
Sediment accumulation	YES	
Safety	YES	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	N/A	
Stability of soil over and adjacent to the facility	N/A	
Collection, storage and release of stormwater in accordance with the facility design	N/A	
Sediment accumulation	N/A	
Safety	N/A	

Submitted by:

Lowell R. Gates (Member)		01/02/2018
Name (print)	Signature	Date

RECEIVED
MAR 2 0 2016
LOWER ALLEN TOWNSHIP

BMP #128

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Weis Markets Inc	1195 Lawton Road. Camp Hill Pa.
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-23-0545-002	

Date of Inspection: 1/23/2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	YES	
Stability of embankments and other soil areas	YES	
Integrity and condition of vegetation	YES	
Collection, storage and release of stormwater in accordance with the facility design	YES	
Sediment accumulation	NO	Leaf Build Up. - Clean Out
Safety	YES	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	YES	
Stability of soil over and adjacent to the facility	YES	
Collection, storage and release of stormwater in accordance with the facility design	YES	
Sediment accumulation	NO	Leaf Build Up. - Clean out
Safety	YES	

Submitted by:

Ronald L. Bennett — Name (print) for Weis Markets Inc.

Signature for Weis Markets Inc.

1/23/2018 — Date

#128

#128

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JAN 29 2018

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Weis Markets Inc.	1195 Lowther Road. Camp Hill Pa.
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-23-0545-082	

Date of Inspection: 1/23/2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	YES	
Stability of embankments and other soil areas	YES	
Integrity and condition of vegetation	YES	
Collection, storage and release of stormwater in accordance with the facility design	YES	
Sediment accumulation	NO	Leaf Build Up. - Clean out
Safety	YES	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	YES	
Stability of soil over and adjacent to the facility	YES	
Collection, storage and release of stormwater in accordance with the facility design	YES	
Sediment accumulation	NO	Leaf Build Up. - Clean out
Safety	YES	

Submitted by:

Richard L. Bennett for Weis Markets Inc. — Name (print)

Signature for Weis Markets Inc.

1/23/2018 — Date

#129

BMP 129

DEC 28 2017

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Kenneth Robert Bertram Lynn M. Bertram	3464 Choco Chase
Tax Parcel ID No. 13-28-2430-099	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 12/22/2017

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

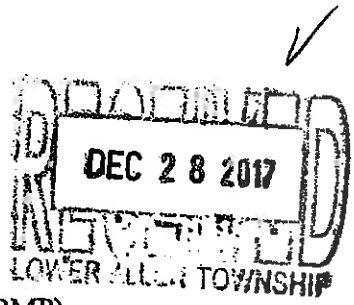
Kenneth Robert Bertram
Name (print)

Signature

12/22/2017
Date

#131

#131



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Chorba Homes	Arcona Rd
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-10-02 56 785	

Date of Inspection: 12/26/17

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	X	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	X	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	NA	
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

Matt Eshelman
Name (print)

Signature

12/26/17
Date

BMP#133

RECEIVED
MAR 2 0 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Kenneth J. Oyler Terra A. Oyler	1616 Thompson In. Mechanicsburg PA 17055
Tax Parcel ID No. 13-11-0270-112	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 3-20-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	none noticed except leaves	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	N leaves	
Safety	Y	

Submitted by:

Ken Oyler
Name (print)

Ken Oyler
Signature

3-20-18
Date

#134

#134

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
ASRAF + TATTIANA ELESEALY	4601 GETTYSBURG RD MECHANICSBURG PA
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-24-0795-161	

Date of Inspection: 1-10-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

GREGORY F CIATTO
Name (print)

Signature

1-10-18
Date

RECEIVED
JAN 22 2018

BMP#135

RECEIVED
MAR 20 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Dustin Poff	4573 wood way
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-10-0256-058	Manor at Westport

Date of Inspection: 3/20/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	X	
Integrity and condition of vegetation	X	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	X	
Safety	X	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Dustin Poff
Name (print)

Signature

3/20/18
Date

BMP #60
#139 +

#139

JAN 24 2018

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
950 Woodland Investments LLC	4732 Gettysburg Rd Suite 302 Mechanicsburg PA 17055
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13.24.0795.170	

Date of Inspection: 1/23/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Steve Sivitz — Name (print)

Signature

1/23/18 — Date

BMP #139

RECEIVED
APR 06 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
950 Woodland Investments	950 Woodland St Mechanicsburg PA
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-24-0795-170	

Date of Inspection: 4-6-18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances		
Stability of embankments and other soil areas		
Integrity and condition of vegetation		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Steve Sinkovitz
Name (print)

Signature

4/6/18
Date

#139

#139

JAN 24 2018

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
950 Woodland Investments LLC	4732 Gettysburg Rd Suite 302 Mechanicsburg PA 17055
Tax Parcel ID No. 13.24.0795.170	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1/23/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Steve Sivitz — Name (print)

Signature

1/23/18 — Date

BMP #140

Received 3/5/18

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
S+A Homes 812 Old Gatesburg Rd State College PA 16803	2121 & 2141 Cedar Run Dr Camp Hill PA 17011
Tax Parcel ID No. 45-28488 18	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: Feb 26 2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Scott W Branyan
Name (print)

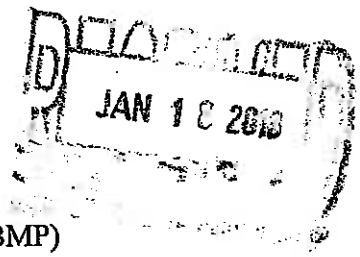
Signature

Feb 26 2018
Date

RECEIVED
MAR 05 2018
LOWER ALLEN TOWNSHIP

#141

#141



Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Bridge Street Parking L.P.	5016 Simpson Ferry Road, Mechanicsburg, PA 17055
Tax Parcel ID No. 13-23-0559-082	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1/15/2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Yes	
Stability of embankments and other soil areas	Yes	
Integrity and condition of vegetation	Yes	
Collection, storage and release of stormwater in accordance with the facility design	Yes	
Sediment accumulation	Yes	
Safety	Yes	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

Carl Hintz
Name (print)

Signature

1/17/2018
Date

#142

#142

JAN 09

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address 3804 LISBURN RD MECHANICSBURG PA 17055
LFGC INC	
Tax Parcel ID No. 13-11-0278-42	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 1/8/2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

LUICE A.N. GRUMBINE — Name (print)

Luice A.N. Grumbine — Signature

1/8/2018 — Date

BMP# 143

RECEIVED
APR 12 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Lisburn Devco I LP	2960 Meridian Way, Mechanicsburg PA
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-23-0256-091	

Date of Inspection: 4/10/2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Dennis Nolt — Name (print)

Signature

4/10/18 — Date

BMP# 143

RECEIVED
APR 12 2018
LOWER ALLEN TOWNSHIP

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
Lisburn Dev Co I LP	2960 Meridian Way, Mechanicsburg PA
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-23-0256-090	

Date of Inspection: 4/10/2018

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

Dennis Nolt — Name (print)

Signature — Date 4/10/18

#1

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
David & Rachael Miller	4518 Woods Way, Mechanicsburg PA 17055
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-10-0256-066	

Date of Inspection: 1/27/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities	Y	
Stability of soil over and adjacent to the facility	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	Y	
Safety	Y	

Submitted by:

David Miller — Name (print)

[signature] — Signature

1/27/18 — Date

BMP #147+148

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
West Shore School District	Cedar Cliff 1301 Carlisle rd Camp Hill, PA 17011
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)

Date of Inspection: 12/6/17

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	N	Require sediment cleanout of [illegible]
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

Anthony M Naughton — Name (print)

Signature

12/6/17 — Date

#149

Lower Allen Township
National Pollutant Discharge Elimination System (NPDES)
Municipal Separate Storm Sewer System (MS4) Permit

Stormwater Management Facilities and Best Management Practices (BMP)
Operation and Maintenance Inspection Report

Property Owner Name(s)	Property Address
VERTICAL PROPERTIES, L.P.	1304 SLATE HILL ROAD CAMP HILL, PA. 17011
Tax Parcel ID No.	Subdivision/Land Development/Drainage Plan No. (if known)
13-25-0020-050	PROJECT NO. 13069

Date of Inspection: 1/29/18

Inspection of Open Basins:

	Satisfactory (Y/N)	Repairs needed (list repairs, if any)
Structural integrity and operation of outlet structures and appurtenances	Y	
Stability of embankments and other soil areas	Y	
Integrity and condition of vegetation	Y	
Collection, storage and release of stormwater in accordance with the facility design	Y	
Sediment accumulation	N	
Safety	Y	

Inspection of Subsurface Storage/Infiltration Facilities:

	Satisfactory (Y/N)	Repairs needed (list repairs)
Structural integrity and operation of outlet structures and related facilities		
Stability of soil over and adjacent to the facility		
Collection, storage and release of stormwater in accordance with the facility design		
Sediment accumulation		
Safety		

Submitted by:

ROBERT KACHACH JR — Name (print)

Signature — 1/29/18 Date

Description of BMP Operation and Maintenance Procedures

Initial Approval

In accordance with the requirement of the newly approved Stormwater Management Ordinance, all newly installed stormwater Best management Practices (BMPs) must have a recorded Operation and Maintenance (O&M) agreement. These agreements are held by the Township and are placed into a database for ongoing monitoring. In accordance with the Stormwater Management Ordinance, the ongoing inspection and maintenance of the installed BMPs is expected to be done by the Owner, at their expense.

Annual Activities

Every year the Township sends a letter out to all the BMP permit holders requesting that they inspect their installed BMPs, along with completing and returning the required forms. The Owners return their forms to the Township to document that the inspections were performed. This information is then attached to the MS-4 Annual Report.

The Township also has a program to perform the required inspection work upon the request of the Owner and at their expense.

	A	C	D	E	F	G	H	I	J	K	N	O	P	Q	R	S	T	U
1	**OWNERSHIP INFORMATION**											**MS - 4 PERMIT INFORMATION**						
2	**PIN**	**Owner**	**Care**	**Mailing Address 1**	**Mailing Address 2**	**City**	**State**	**Zip**	**SITUS**	**BMP #**	**OWNER**	**BMP DESC.**	**DRAINAGE AREA (Ac.)**	**LATITUDE**	**LONGITUDE**	**RECEIVING WATER**	**COMPLETION DATE**	**NPDES PERMIT?**
3	13-09-0545-006	ASBURY ATLANTIC INC		201 RUSSELL AVENUE		GAITHERSBURG	MD	20877	325 WESLEY DRIVE	1	Bethany Village West BVW Cottages	Bioretention areas (19) detention basins (4)	25.93	40.208959	-76.964929	CRM3	3/9	PAG2-0021-06-055
4	13-24-0795-170	950 WOODLAND INVESTMENTS LLC				MECHANICSBURG	PA	17055	950 WOODLAND STREET	2	950 WOODLAND STREET	Infiltration Trench	0.1	40.212663	-76.961605	CRM3	3/7	
5	13-26-0247-111	THAU, DANIEL T		4902 WHITLOCK LANE		MECHANICSBURG	PA	17055	4902 WHITLOCK LANE	3	R. Hart Enterprises, INC	UG storage/infiltration pipe/trench	2.92	40.203526	-76.954613	CRM4	3/9	
6	13-23-0549-018A	LOWER ALLEN TOWNSHIP		2233 GETTYSBURG ROAD		CAMP HILL	PA	17011	2233 GETTYSBURG ROAD	4	Lower Allen Township	Porous asphalt, bioretention areas, infiltration trench	3.45	40.22942	-76.919227	CRT1	3/8	PAG-02-0021-14-044
7	13-23-0551-028	LETORT GROUP LLC		3130 MORNINGSIDE DRIVE		CAMP HILL	PA	17011	3130 MORNINGSIDE DRIVE	5	LeTort Group	Basin/rock filter	0.81	40.229196	-76931101	CRT1	3/8	
8	13-24-0805-051	KAERCHER, JESTIN L	& CASSANDRA L KAERCHER	8 CEDAR CLIFF DRIVE		CAMP HILL	PA	17011	8 CEDAR CLIFF DRIVE	7	Jestin L Kaercher	Infiltration trench	1.5	40.226101	-76.904056	YBC2	3/7	
9	13-10-0258-034	MILLER, ALISON M		1510 THOMPSON LANE		MECHANICSBURG	PA	17055	1510 THOMPSON LANE	8	Alison M. Miller	Infiltration trench	1.21	40.189967	-76.935202	YBT1	3/7	
10	**13-09-0545-011PU**	**Pennsylvania American Water Company**		**800 W. Hershey Park Drive**		**Hershey**	**PA**	**17033**	**852 Wesley Drive**	**9**	**Pennsylvania American Water Company**	**Infiltration and Extended dry pond w/ forebay.**	**6.36 Ac.**	**40.21111**	**-76.966371**	**CRM5**		**PAC210031**
11	13-10-0256-039	VFW POST 7530		4545 WESTPORT DRIVE	4545 WESTPORT DRIVE	MECHANICSBURG	PA	17055	4545 WESTPORT DRIVE	10	Home Association of Lower Allen VFW Post 7530, Inc.	Detention/infiltration basin	5.38	40.205782	-76.948001	CRT2	2/7	
12	13-11-0270-109	ROLAND, ROSALIE H		1706 LIBERTY COVE		MECHANICSBURG	PA	17055	LIBERTY COVE – Basins	11	Twenty Four West Partnership	Water quality basins	10.75	40.191071	-76.926674	YBC3	3/9	
13	13-25-0008-587/390	Beacon Hill HOA		1278 Yarmouth Lane	Attn: Judy Baumgarnder, Pres.	New Cumberland	PA	17070	YARMOUTH LANE-Basins	12	Beacon Hill HOA	Swales, forebays, infiltration/detention basins	16.5	40.218773	-76.872882	YBC1	3/8	PAG2-0021-06-004
14	13-10-0256-030	YELLDAN LIMITED		4510 WESTPORT DRIVE		MECHANICSBURG	PA	17055	4510 WESTPORT DRIVE	13	Yelldan Limited, Inc.	Infiltration trench	0.033	40.206693	-76.94726	CRT2	11/6	
15	13-25-0024-006	SHANER SELECT SERVICES HOTELS	II LLC	1965 WADDLE ROAD		STATE COLLEGE	PA	16803	4921 GETTYSBURG ROAD	14	Shaner Family Partners	Infiltration basins	6.14	40.20724	-76.963872	CRM4	6/7	
16	13-24-0799-256	YCH PROPERTIES LP		3809 HARTZDALE DRIVE		CAMP HILL	PA	17011	3811 HARTZDALE DRIVE	15	Cedar Run Development	Detention/infiltration basin	1.96	40.215716	-76.937935	CRM2	4/7	
17	13-28-2430-026	FUENTES, THOMAS & MARTIN, ANGELA		2293 MILL ROAD		MECHANICSBURG	PA	17055	3432 Lisburn Rd.	16	Fuentes, Thomas & Martin, Angela		5.0 Ac.	40.185805	-76.934798	YBT3		
18	13-22-0536-057	GRACE, WILLIAM R		PO BOX 301	PO BOX 301	NEW CUMBERLAND	PA	17070	1850 STATE ROAD	17	William Grace	Detention basin	1.46	40.235148	-76.912061	CRT1	10/6	
19	13-24-0795-176	ELLIS, SHAUN		900 CENTURY DRIVE #200		MECHANICSBURG	PA	17055	900 CENTURY DRIVE	18	Ellis Shaun	Ext. detention basin/forebay	3.09	40.213674	-76.961892	CRM3	7/9	
20	13-24-0795-001A	CENTURY PARK INVESTMENTS LP	C/O SELECT CAPITAL CORP.	4732 GETTYSBURG ROAD		MECHANICSBURG	PA	17055	960 CENTURY DRIVE	19	Willow Valley Associates Inc	Porous asphalt, bioretention, infiltration beds	8.322	40.213724	-76.960295	CRM3	10/14	
21	13-24-0795-047	ACKERMAN, EDWARD P		812 BELMONT STREET		MECHANICSBURG	PA	17055	812 BELMONT STREET	20	Douglas M. Zook/Ackerman	Infiltration bed	0.15	40.21448	-76.958588	CRM3	3/7	
22	13-24-0795-014	DUPERT, FRED H JR	& PATSY DUPERT	758 UPLAND STREET		MECHANICSBURG	PA	17055	758 UPLAND STREET	21	Stewart/Dupert	Infiltration trenches	0.035	40.214739	-76.959863	CRM3	3/6	
23	13-25-0020-057	1401 SLATE HILL ROAD LLC		16155 TRADE ZONE AVENUE		UPPER MARLBORO	MD	20744	1401 SLATE HILL ROAD	22	SJS-1401 Slate Hill Rd. LP	Water Quality inserts (2)	7	40.208934	-76.940498	CRT2	3/7	
24	13-10-0258-004	SLATE HL MENNONITE CHURCH ETAL	& BURIAL GROUNDS ASSOCIATION	1352 SLATE HILL ROAD		SHIREMANSTOWN	PA	17011	1352 SLATE HILL ROAD	24	Slate Hill Mennonite Church	Detention basin; bioretention area	2.11	40.204783	-76.940184	CRT2	3/7	
25	13-23-0551-114A	RYP PROPERTIES LLC	C/O Bennett Williams	3528 Concord Road		York	PA	17402-8626	3300 HARTZDALE DRIVE	25								
26	13-31-2136-132	GEARHART, ANDREW M & ABBEY R		4165 BIRCHWOOD LANE		MECHANICSBURG	PA	17055	4165 BIRCHWOOD LANE	26	Andrew and Abbey Gearhart	Basin/infiltration area	7.43	40.167862	-76.923907	YBC4		
27	13-24-0799-177	GRACE, WILLIAM R		PO BOX 301	PO BOX 301	NEW CUMBERLAND	PA	17070	3605 R HARTZDALE DRIVE	27	William R. Grace	Sand filter, detention basin	4.89	40.21887	-76.93443	CRM3	8/5	
28	13-24-0795-165	CENTURY ROAD ASSOCIATES LLC		492 CAPITOL HILL ROAD		DILLSBURG	PA	17019	910 CENTURY DRIVE	28	Century Road Associates	Stone filter/extended detention basin	1.26	40.214208	-76.961901	CRM3	2/7	
29	13-10-0256-068	PRICE, DEREK D & CHRISTINA M	HOA	4526 WOODS WAY		MECHANICSBURG	PA	17055	4526 WOODS WAY – Basin	29	Derek and Christina Price	Detention/infiltration basin	6.568	40.200759	-76.947761	CRT2	9/5	
30	13-24-0795-181	CUMBERLAND PERRY HOUSING		925 LINDA LANE		CAMP HILL	PA	17011	801 UPLAND STREET	30	Cumberland Perry Housing	Infiltration bed	0.32	40.214219	-76.959304	CRM3	8/4	
31	13-25-0024-013	REGAL PARTNERS		4943 GETTYSBURG RD.		MECHANICSBURG	PA	17055	4943 GETTYSBURG ROAD	31	Chang Mun Chon	Infiltration/detention basins	2.04	40.205313	-76.965995	CRM4	12/4	
32	13-10-0258-007A	LOWER ALLEN TYP DEV AUTHORITY		2233 GETTYSBURG ROAD		CAMP HILL	PA		YETTER COURT – Basin	32	Lower Allen Township Development Authority	Detention basin	19.7	40.210828	-76.936959	CRM2	10/4	PAG2-0021-03-004R
33	13-23-0545-416EX	WEST SHORE AREA SCHOOL DISTRICT		1301 CARLISLE ROAD		CAMP HILL	pa	17011	1301 CARLISLE ROAD	33	West Shore School District	Sand filter	6.24	40.227845	-76.895749	YBC2	10/3	
34	13-24-0797-218	CHRIST COMMUNITY CHURCH	CAMP HILL	1201 SLATE HILL ROAD		CAMP HILL	PA	17011	1201 SLATE HILL ROAD	34	Christ Community Church	Detention basin	1.98	40.212058	-76.945395	CRT2	3/4	
35	13-10-0256-044	HIGH PROPERTIES, HIGH GEN CORP	ATTN: ACCOUNTING	1853 WILLIAM PENN WAY	Town Place Suites	LANCASTER	PA	17601	4915 RITTER ROAD Hotel	42	HIGH HOTELS, LTD	Detention basin / snouts	3.87	40.203506	-76.959048	CRM4	4/15	PAG-02-0021-13-016
36	13-10-0256-037	LINLO PROPERTIES III LP		1013 MUMMA ROAD	1013 MUMMA ROAD	LEMOYNE	PA	17043	1215 MANOR DRIVE	47	Linlo Properties III LP	Detention basin; 2 WQ inserts / Rain garden	6.60 / 0.67	40.203358	-76.94828	CRT2	10/98 / 07/15	PAG2-0021-08-002
37		SCI CAMP HILL	Department of Corrections	1920 Technology Parkway	Attn: Carol Piontkowski, P.E.	Mechanicsburg	PA	17050	2500 LISBURN ROAD	49	PA Industrial School							
38	13-23-0553-013	TRINITY HIGH SCHOOL	HARRISBURG	3601 SIMPSON FERRY ROAD	Attn: Kevin Heilman Building & Grounds Manager	CAMP HILL	PA	17011	3601 SIMPSON FERRY ROAD	56	Roman Catholic Diocese of Harrisburg-Trinity High School	Infiltration bed	0.105	40.223735	-76.941255	CRT1	3/14	E&S Permit only
39	13-23-0559-090	WERZYN, WILLIAM		5024 SIMPSON FERRY ROAD		MECHANICSBURG	PA	17055	5024 SIMPSON FERRY ROAD	57	William W. Werzyn, Jr.	Rain gardens, UG infiltration bed	1.09	40.219299	-76.971434	CRM3	3/14	
40	13-11-0270-042	LFGC, INCORPORATED		3804 LISBURN ROAD	PO BOX 1229	CAMP HILL	PA	17001	3804 LISBURN ROAD	59	LFGC, Inc.	Wet ponds/detention	78.87	40.173893	-76.928188	YBC4	10/1	
41	13-24-0795-170	950 WOODLAND INVESTMENTS LLC		4732 GETTYSBURG ROAD		MECHANICSBURG	PA	17055	950 WOODLAND STREET	60	John Ortenzio	UG detention,infiltration, Snout	0.96	40.213382	-76.961217	CRM3	5/16	
42	13-23-0553-026	GIOVAGNOLI, JOSEPH M & BECKY J		3403 CANYON CREEK		MECHANICSBURG	PA	17055	3702 GETTYSBURG ROAD	61	Joseph Giovagnoli	UG detention	0.86	40.222367	-76.941403	CRM3	10/13	
43	**13-23-0555-083**	**GRACE, WILLIAM R & ELIZABETH A**		**PO BOX 301**	**PO BOX 301**	**NEW CUMBERLAND**	**PA**	**17070**	**145 S LOCUST STREET**	**62**	**William Grace**							
44	13-23-0549-107	MEISER, DAVID W & MICHELLE S		2420 MASSACHUSETTS AVENUE		CAMP HILL	PA	17011	2420 MASSACHUSETTS AVENUE	63	JMDRH Holdings, LLC	Infiltration trench	0.6	40.2266	-76.923035	CRT1	3/11	
45	13-23-0549-242	SHANNON, DYLAN J		2410 MASSACHUSETTS AVENUE		CAMP HILL	PA	17011	2410 MASSACHUSETTS AVENUE	64	Dylan Shannon	Infiltration trench	0.6	40.226676	-76.922479	CRT1	3/11	
46	13-23-0549-109	ADA, HASSAN	& LAURA YOHE-ADA	2414 MASSACHUSETTS AVENUE		CAMP HILL	PA	17011	2414 Massechusetts Ave.	65	Hasa, ADA	Infiltration trench	0.6	40.226642	-76.922663	CRT1	3/11	
47	13-10-0260-010	PEIFFER, DAVID H		BROOKVIEW DRIVE	PO BOX 422	NEW CUMBERLAND	PA	17070	1841 BROOK VIEW DRIVE	66	David H. Peiffer	Infiltration trench	0.344	40.219347	-76.882256	YBC1	10/13	
48	13-10-0258-063	RUEL, JONATHAN R & JADE Z		1595 THOMPSON LANE		MECHANICSBURG	PA	17055	1595 THOMPSON LANE	67	Jonathan & Jade Ruel	Infiltration basins and trench	0.241	40.191553	-76.926945	YBC3	3/13	
49	13-23-0551-153	SISTI, RONALD D	& HOLLY A SISTI	21 SANTA MARIA AVENUE		CAMP HILL	PA	17011	21 SANTA MARIA AVENUE	68	Ronald & Holly Sisti	Infiltration bed	0.044	40.22544	-76.923968	CRT1	7/11	
50	13-11-0270-098	DUFFEY, HAROLD E II	& CONSTANCE M DUFFEY	1718 LIBERTY COVE		MECHANICSBURG	PA	17055	1718 LIBERTY COVE	69	DUFFEY, HAROLD E II & CONSTANCE M DUFFEY	Infiltration trench	0.145	40.190452	-76.927736	YBC3	8/13	
51	13-23-0553-064	SHEKER FAMILY LIMITED	PARTNERSHIP	175 EAST LAUER LANE		CAMP HILL	PA	17011	75 ZIMMERMAN DRIVE	70	Larry Sheker, Sheker Family Trust	Porous asphalt, infiltration bed	0.045	40.225225	-76.937968	CRT1	3/12	
52	13-10-0258-015	CHRISTIAN LIFE ASSEMBLY OF GOD		2645 LISBURN ROAD		CAMP HILL	PA	17011	2645 LISBURN ROAD	71	Christian Life Assembly not built							
53	13-11-0270-101	SOURBEER, CHARLES HOYER	& VICKI LOUISE SOURBEER	1730 LIBERTY COVE		MECHANICSBURG	PA	17055	1730 LIBERTY COVE	72	Rosalie H. Roland	Infiltration trench	0.58	40.189787	-76.927422	YBC3	3/11	
54	**13-10-0260-005**	**EWING, CHARLES D**		**135 PIN OAK DRIVE**		**NEW CUMBERLAND**	**PA**	**17070**	**1425 SPANGLERS MILL ROAD**	**73**	**Charles D. Ewing Cell tower**							
55	13-23-0559-088	MOTEL SLEEPERS INC		100 MORGAN KEEGAN DRIVE		LITTLE ROCK	AR	72202	5022 ARTHUR AVENUE	74	Motel Sleepers, Inc.	Porous asphalt, bioretention/infiltration areas	2.11	40.218948	-76.970447	CRM3	3/10	
56	13-11-0270-097	GASSNER, RUDOLF & GERTRUDE V		1712 LIBERTY COVE		MECHANICSBURG	PA	17055	1712 LIBERTY COVE	75	Rudolf Gassner	Infiltration trench	0.165	40.190765	-76927860	YBC3	10/9	
57	13-31-2136-001A	FREELAND, JEREMY & LAUREN		1435 MAIN STREET		MECHANICSBURG	PA	17055	1435 MAIN STREET	76	FREELAND, JEREMY & LAUREN	Rain garden	0.024	40.167639	-76.91092	YBC4	10/11	
58	13-24-0795-003	OLD GETTYSBURG ASSOCS IV LP	C/O SELECT CAPITAL CORP.	4732 GETTYSBURG ROAD		MECHANICSBURG	PA	17055	4718 GETTYSBURG ROAD	77	Old Gettysburg Assocs. IV LP	Porous asphalt, infiltration beds	0.729	40.21262	-76.958505	CRM3	6/8	
59	13-31-2136-026	BOOHER, STEVEN R & BARBARA A		1504 MAIN STREET		MECHANICSBURG	PA	17055	1435 MAIN STREET	78	Billy B. Sheaffer III & Kelly L. Sheaffer	Rain garden	0.815	40.17025	-76.923341	YBC4	3/10	
60	13-09-0547-007	SCI CAMP HILL	Department of Corrections	1920 Technology Parkway	Attn: Carol Piontkowski, P.E.	Mechanicsburg	PA	17050	2500 LISBURN ROAD	79	The Commonwealth of Pennsylvania							
61	13-10-0258-012	YETTER COURT ENTERPRISES LLC		2700 YETTER COURT	2700 YETTER COURT	CAMP HILL	PA	17011	2700 YETTER COURT	80	Yetter Court Enterprises, LLC	Infiltration/detention basin	46.83	40.214487	-76.930124	CRM2	8/15	PAG2-0021-03-004R
62	13-31-2134-059	MACINTIRE, KYLE & JESSICA		1712 MAIN ST.		MECHANICSBURG	PA	17055	1712 MAIN ST.	81	MACINTIRE, KYLE & JESSICA	UG infiltration trench	0.044	40.184857	-76.930074	YBC3	11/16	

	A	C	D	E	F	G	H	I	J	K	N	O	P	Q	R	S	T	U
63	13-09-0547-007	SCI CAMP HILL	CAMP HILL CORRECTIONAL INST	2500 LISBURN ROAD		CAMP HILL	PA	17011	2500 LISBURN ROAD	82	The Commonwealth of Pennsylvania							
64	13-25-0020-054A	SKYLINE STEEL LLC		8 WOODHOLLOW ROAD	SUITE 102	PARSIPPANY	NJ	7054	1250 SAIINT JOHNS ROAD	84	PA Pipe, LLC	Infiltration/detention basin	0.365	40.214122	-76.943221	CRT2	3/9	PAG2-0021-08-013
65	13-11-0270-099	JOHN J ELTRINGHAM	&CLAIR R SHOCKEY	1724 LIBERTY COVE		MECHANICSBURG	PA	17055	1724 LIBERTY COVE	86	William A. Wray Jr. & Kay G. Wray	Infiltration trench	0.22	40.190197	-76.927635	YBC3	8/8	
66	13-23-0559-087	EAH Property Holdings Inc.		5030 ARTHUR DRIVE		MECHANICSBURG	PA	17050	5030 ARTHUR AVENUE	87	L. Lance Bonsall	Rain gardens	1	40.218511	-76.972186	CRM3	3/9	
67	13-24-0795-174A	HOLT SPIRIT CANCER CENTER		880 CENTURY DRIVE		MECHANICSBURG	PA	17055	880 CENTURY DRIVE	88	Capital Area R.T. Associates	Rain garden, UG detention	2.79	40.212706	-76.963833	CRM3	3/9	
68	13-23-0553-060	KOLLAS, WILLIAM C & DIANNE L		850 KIEHL DRIVE		LEMOYNE	PA	17043	3599 GETTYSBURG ROAD	90	William C. Kollas	Snout	0.9	40.223529	-76.938206	CRM3	11/6	
69	13-11-0270-073	FEDORIW, CHRISTOPHER M	& STEFANIE A FEDORIW	1403 WELLGATE LANE		MECHANICSBURG	PA	17055	1403 WELLGATE LANE	92	Christopher Fedoriw	Pipe					6/7	
70	13-26-0247-107	SONNON, HARVEY R JR	& KELLYANN P SONNON	4975 RAVENWOOD ROAD		MECHANICSBURG	PA	17055	4975 RAVENWOOD ROAD	94	Siverling/Sonnon	UG storage/infiltration pipe/trench	0.064	40.202471	-76.954295	CRM4	9/7	
71	13-10-0256-090	LISBURN DEVCO LP		1650 CROOKED OAK DRIVE	SUITE 300	LANCASTER	PA	17601	3009 MERIDIAN WAY-Basin	95	Lisburn Devco I LP	Detention basin; constructed wetlands	10.325	40.200297	-76.942151	CRT2	10/12	
72	13-09-0545-006	ASBURY ATLANTIC INC		201 RUSSELL AVENUE		GAITHERSBURG	MD	20877	325 Wesley Drive	96	Asbury Atlantic, Inc. BVW	Detention basins	44.9	40.209292	-76.969334	CRM3	10/4	
73	13-25-0020-052B	PROGRESSIVE CASUALTY INS CO		PO BOX 89429	PO BOX 89429	CLEVELAND	OH	44101	3950 HARTZDALE DRIVE	98	Progressive Casualty Insurance	Infiltration/Ext. detention basin; Stormceptor	3.33	40.213347	-76.944691	CRT2	3/7	
74	13-26-0247-106	LANNES, ANTONIO T & SOFIA H		4913 WOODBOX LANE		MECHANICSBURG	PA	17055	4913 WOODBOX LANE	99	ANTONIO T. LANNES	UG storage/infiltration pipe/trench	0.064	40.20237	-76.95402	CRM4	4/7	
75	13-10-0256-015C	4925 RITTER ROAD MECHANICSBURG	Hoss's Corporate Office	175 Patchway Raod		Duncansville	PA	16635	4925 RITTER ROAD Marzoni's	100	Patchway Holding, LLC	Detention basin / bioretention facility	1.83 / 0.48	40.205019	-76.958088	CRM4	2/17	PAG-02-0021-16-013
76	13-11-0270-044EX	LOWER ALLEN TOWNSHIP		2233 GETTYSBURG ROAD		CAMP HILL	PA	17011	4075 LISBURN ROAD	101	LOWER ALLEN TOWNSHIP	Rain garden	1.468	40.170089	-76.919707	YBC4	5/13	
77	13-24-0799-236	GRACE, ELIZABETH A		P.O. BOX 301		NEW CUMBERLAND	PA	17070	3608 HARTZDALE DRIVE	102	GRACE, ELIZABETH A	Detention/infiltration basin	3.62	40.219451	-76.935548	CRM3	11/10	
78	13-23-0559-089	ETTER INVESTMENTS, LLC		4 Notting Hill Estates Lane		Enola	PA	17025	5026 ARTHUR AVENUE	103	ETTER INVESTMENTS, LLC	Infiltration beds	0.648	40.218815	-76.971464	CRM3	3/12	
79	13-23-0547-261A	RHYKERD, BRIAN D &	AMY L. BELLOWS	1706 WYNDHAM ROAD		CAMP HILL	PA	17011	1706 WYNDHAM ROAD	104	BRIAN D RHYKERD & AMY L BELLOWS	UG infiltration beds	0.144	40.233073	-76.907522	CRM1	3/14	
80	13-09-0545-002-EX	UNITED METHODIST HOME FOR CHILDREN		5120 SIMPSON FERRY ROAD	`	MECHANICSBURG	PA	17055	5120 SIMPSON FERRY ROAD	105	UNITED METHODIST HOME FOR CHILDREN	Grasspave; infiltration bed	0.103	40.217169	-76.970539	CRM3	10/13	
81	13-24-0795-137	OLD GETTYSBURG ASSOCS IV LP	C/O SELECT CAPITAL CORP.	4732 GETTYSBURG ROAD		MECHANICSBURG	PA	17055	4532 GETTYSBURG ROAD	106	OLD GETTYSBURG ASSOCS IV LP	Infiltration/ext.detention basin	1.97	40.213729	-76956538	CRM3	10/14	
82	13-23-0551-111	WALMART REAL ESTATE BUSINESS		1301 SE 10TH STREET		BENTONVILLE	AR	72712	3400 HARTZDALE DRIVE	109	WALMART REAL ESTATE BUSINESS	UG infiltration/Ext Det basin (2); infiltration/Ext Det basin (AG)	9.22	40.224778	-76.926825	CRT1	8/8	PAG-02-0021-11-019 (1)
83	13-23-0549-003A	KOSKAP PARTNERS		PO BOX 367		EAST PETERSBURG	PA	17520	2500 GETTYSBURG ROAD	110		Detention/infiltration basin	0.96	40.230186	-76.925137	CRT1	3/14	
84	13-23-0559-090	WERZYN, WILLIAM & PATRICIA JR		5024 SIMPSON FERRY ROAD		MECHANICSBURG	PA	17055	5024 Simpson Ferry Road	111	William Werzyn	UG infiltration	0.287	40.219495	-76.970872	CRM3	8/14	E&S Permit only
85	13-25-0020-052	VERTICAL PROPERTIES, L.P.		4400 GETYSBURG ROAD		CAMP HILL	PA	17011	1304 SLATE HILL RD	112	VERTICAL PROPERTIES, L.P.							
86	13-09-0547-009	LOWER ALLEN TOWNSHIP		2233 GETTYSBURG ROAD		CAMP HILL	PA	17011	2750 YETTER COURT	113	LOWER ALLEN TOWNSHIP Compost Facility	Detention/infiltration basin	2.41	40.213046	-76.935544	CRM2	11/14	PAG-02-0021-14-028
87	13-10-0256-092	CHARTER HOMES OF HIGHPOINT INC.		1190 DILLERVILLE ROAD		LANCASTER	pa	17601	Highpoint Phases 1.1, 1.2, &1.4	114	CHARTER HOMES OF HIGHPOINT INC.	Detention basin; constructed wetlands	43.302	40.193595	-76.946315	CRT2	10/14	
88	13-24-0795-168	OLD GETTYSBURG ASSOCIATES V, L.P.		4732 GETTYSBURG ROAD		MECHANICSBURG	PA	17055	4732 GETTYSBURG ROAD	115	JOHN ORTENZIO	Detention/infiltration basin	5.24	40.211295	-76.960032	CRM3	10/16	PAG-02-0021-14-020
89	13-24-0803-018	TRIPLE CROWN CORPORATION		5351 JAYCEE AVENUE		HARRISBURG	PA	17112	850 LISBURN ROAD - Brooks Edge	116	TRIPLE CROWN	Detention / infiltration basins	11.64	40.224054	-76.915151	CRM2	10/15	
90	13-09-0547-006	PRCC LIMITED PARTNERSHIP	C/O PREIT-RUBIN, INC.	THE BELLVIEW 4TH FLOOR	200 S. BROAD ST.	PHILADELPHIA	PA	19102	3506 CAPTIAL CITY MALL DR.	117	PR CC LIMITED PARTNERSHIP	Inlet protection, street sweeping & area disconnect.	45.97	40.223212	-76.932535	CRM3	10/16	PAC210017
91	13-23-0549-019 EX	LOWER ALLEN TOWNSHIP		2233 GETTYSBURG ROAD		CAMP HILL	PA	17011	2239 GETTYSBURG ROAD	118	LOWER ALLEN TOWNSHIP	Bioretention areas, porous asphalt and concrete	1.08	40.228971	-76920160	CRT1	10/15	PAG-02-0021-13-044
92	13-10-0256-042	4530 LENA DRIVE, LP		4530 LENA DRIVE		MECHANICSBURG	PA	17055	4530 LENA DRIVE	119	DOUGLAS R BARRY	Detention/Infiltration basins	3.273	40.203503	-76.946862	CRT2	11/16	
93	13-11-0270-103	RONALD & DIANE HODGE		1742 LIBERTY COVE		MECHANICSBURG	PA	17055	1742 LIBERY COVE	120	RONALD & DIANE HODGE	Infiltration trench	0.276	40.189494	-76926543	YBC3	11/15	
94	13-11-0270-104	John R. & Shari M. Zimmerman		1748 Liberty Cove		MECHANICSBURG	PA	17055	1748 Liberty Cove	122		Infiltration trench	0.165	40.189434	-76.9262	YBC3	9/16	
95	13-28-2430-111	Kyle C. Snyder		1504 Woodcreek Drive		MECHANICSBURG	PA	17055	4600 Lena Drive	123		Extended Det. Basin	2.23	40.20465	-76.949219	CRT2	3/17	
96	13-24-0799-176B	Goodwill Keystone Area	Colleene McAuliff	1150 GOODWILL DR.		HARRISBURG	PA	17101-2400	3825 Hartzdale Drive	124		Infiltration trench	0.074	40.215476	-76.938321	CRM2	11/16	
97	13-23-0549-239	Tatyana & Yefin Divinsky		2415 Massachusetts Ave.		CAMP HILL	PA	17011	2415 Massachuetss Ave.	125		Infiltration bed	0.073	40.226162	-76.923548		2/17	
98	13-23-0549-003	MOUNTAINEER PROPERTIES LLC	Jason Grace	2404 GETTYSBURG ROAD	P.O. Box 921	CAMP HILL	PA	17011	2404 GETTYSBURG ROAD	126	WILLIAM JASON GRACE	Rain gardens	2.48	40.231193	-76.922721	CRT1	11/15	PAG-02-0021-15-002
99	13-10-0256-040	LENA DRIVE ASSOCIATES, LP/ HOLLINGER DEVELOPMENT CO.		4550 LENA DR.		MECHANICSBURG	PA	17055		127	LENA DRIVE ASSOCIATES, LP/ HOLLINGER DEVELOPMENT CO.	Ext. detention basin/forebay	4.52	40.166312	-76.921664	YBC4		E&S Permit only
100	13-23-0545-082	WEIS MARKETS, INC.		1000 SOUTH SECOND ST.		SUNBURY	PA	17801	1195 Lowther Road	128	WEIS MARKETS, INC.							
101	13-28-2430-099	ROBERT & LYNN BERTRAM		3404 CHOCO CHASE		MECHANICSBURG	PA	17055	3404 CHOCO CHASE	129								
102	13-31-2136-136	SCOTT L. ROCOSKIE		4154 BIRCHWOOD LANE		MECHANICSBURG	PA	17055	4154 BIRCHWOOD LANE	130	SCOTT L. ROCOSKIE							
103	13-10-0256-185	ARCONA FEE OWNER LLC		1190 DILLERVILLE ROAD		LANCASTER	PA	17601	ARCONA PHASE 2, 2.1 & 2.2	131	ARCONA FEE OWNER LLC	Detention pond w/ forebay	16.17	40.196116	-76.944579	CRT2		PAG-02-0021-14-016
104	13-10-0258-073	TRIPLE CROWN CORPORATION		5351 JAYCEE AVENUE		Harrisburg	Pa	17112	Stone Gate Village	132	Triple Crown	Infiltration basins; rain gardens	7.9	40.208253	-76.935014	CRM2	10/16	PAG-02-0021-16-008
105	13-11-0270-112	OYLER, KENETH & TERRA		205 E. SUNBURY ST.		MILLERSTOWN	PA	17062	1616 THOMPSON LANE	133	OYLER, KENETH & TERRA	Infiltration trench	0.92	40.190994	-79.925304	YBC3		
106	13-24-0795-161	ASRAF & TATTIANA ELESEAIDY		4601 GETTYSBURG RD.		MECHANICSBURG	PA	17055	4601 GETTYSBURG RD.	134	ASRAF & TATTIANA ELESEAIDY	UNDERGROUND INFILTRATION	2	40.217095	-79.94939	CRM3		E&S Permit only
107	13-10-0256-058	WALTERS-POFF, DUSTIN	HOA	4513 WOODS WAY		MECHANICSBURG	PA	17055	4513 WOODS WAY-Basin	135	Dustin Walters-Poff	Detention/infiltration basin	10.37	40.201813	-76.945835	CRT2	9/5	
108	13-10-0256-057	TIMOTHY JONES	KAREN JONES	4549 MANOR DRIVE		MECHANICSBURG	PA	17055	4549 MANOR DIRVE	136	TIMOTHY & KAREN JONES	Infiltration trench	0.063	40.201922	-76.946199	CRT2	9/15	
109	13-10-0256-011	CHARTER HOMES AT HIGHPOINT, INC.		1190 DILLERVILLE ROAD		LANCASTER	pa	17601	ARCONA Phase 1.3	137	CHARTER HOMES AT HIGHPOINT, INC.	Amended soils	4.9					PAG-02-0021-14-016
110	13-09-0547-006	PRCC LIMITED PARTNERSHIP	C/O PREIT-RUBIN, INC.	THE BELLVIEW 4TH FLOOR	200 S. BROAD ST.	PHILADELPHIA	PA	19102	3506 CAPTIAL CITY MALL DR.	138	PR CC LIMITED PARTNERSHIP	Rain Garden	45.97	40.223212	-76.932535	CRM3		PAG-02-0021-14-000
111	13-24-0795-170	950 WOODLAND INVESTMENTS LLC	C/O SELECT CAPITAL CORP.	4732 GETTYSBURG ROAD		MECHANICSBURG	PA	17055	950 WOODLAND STREET	139	John Ortenzio	UG detention,infiltration, Snout	0.96	40.213382	-76.961217	CRM3		
112	13-23-0549-235	CROSSROADS HOUSING, LP		2141 CEDAR RUN DRIVE		CAMP HILL	PA	17011	2141 Cedar Run Drive	140		Detention/infiltration basin	1.12	40.227623	-76.916645	CRT1	10/13	
113	13-23-0559-082	BRIDGE STREET PARKING L.P.	IVELISSE ALEMAN & CARL W. HINTZ	2701 N.FRONT ST.		HARRISBURG	PA	17110	5016 SIMPSON FERRY R OAD	141	IVELISSE ALEMAN & CARL W. HINTZ	Rain garden	0.575	40.219414	-76.970441	CRM3	11/15	
114	13-11-0270-042	LFGC, INCORPORATED		3804 LISBURN ROAD	PO BOX 1229	CAMP HILL	PA	17001	3804 Lisburn Road	142	LFGC	Infiltration trenches	7.521	40.17639	-76.923134	YBC4	10/3	
115	13-10-0256-091	LISBURN DEVCO LP		1650 CROOKED OAK DRIVE	SUITE 300	LANCASTER	PA	17601	2960 MERIDIAN WAY	143	Lisburn Devco I LP	UG detention/infiltration beds	12.714	40.201491	-76.940979	CRT2	10/12	
116	13-23-0549-019EX	Cedar Run Park							2239 Gettysburg Rd.	144	LOWER ALLEN TOWNSHIP Cedar Run Park	Rain Gardens/ Pervious pavement/ inlet filters	2.53 Ac.	40.2176	-76.8722	CRM1		PAG-02-0021-14-016
117	13-10-0256-055	CHEREWKA, MICHAEL C	HOA	4557 MANOR DRIVE		MECHANICSBURG	PA	17055	4557 MANOR DRIVE – Basin	145	Michael C. Cherewka	Detention/infiltration basin		40.202455	-76.946302	CRT2	9/5	
118	13-10-0256-066	MILLER, DAVID E & RACHAEL L	HOA	4518 WOODS WAY		MECHANICSBURG	PA	17050	4518 WODS WAY – Basin	146	David and Rachael Miller	Detention/infiltration basin		40.200758	-76947216	CRT2	9/5	
119	13-23-0545-416	WEST SHORE AREA SCHOOL	DISTRICT	507 FISHING CREEK ROAD	PO BOX 803	NEW CUMBERLAND	PA		1301 CARLISLE ROAD	147	WEST SHORE AREA SCHOOL DISTRICT	Bioretention area; infiltration basin	3.51	40.230419	-76.894923	YBC2	3/10	
120	13-23-0545-416 EX	West Shore School District		507 FISHING CREEK ROAD	PO BOX 803	NEW CUMBERLAND	PA	17070	1301 Carlisle Road	148	WSSD	Filter Bag; Focal Point filtering	1.16 / 0.65	40.227388	-76.895489	YBC2	11/16	PAG-2-0021-08-029
121	13-24-0020-052	VERTICAL PROPERTIES		1304 SLATE HILL ROAD		CAMP HILL	PA	17011	1304 SLATE HILL ROAD	149	ROBERT KALBACH, JR.	Infiltration basins and trench	3.2	40.207814	-76.942687	CRT2	4/16	
122	13-31-2136-114	BARTLETT, THOMAS R & TIFFANY M		4118 WILLOW BEND ROAD		MECHANICSBURG	PA	17055	4118 WILLOW BEND ROAD	150	Thomas and Tiffany Bartlett\	Infiltration trench	0.08	40.168078	-76.920523	YBC4	3/10	
125	13-25-0020-055A	NEW ENGLAND MOTOR FREIGHT	AMERACH LP	1-71 NORTH AVENUE EAST		ELIZABETH	NJ	O7201	2800 APPLETON STREET	151	AMERACH LP - CRAIG EISENBERT	Infiltration trench/underground infiltration	8.31	40.2127	-76.9372	CRO4		PAC210045
126	13-31-2134-059																	
127	13-10-0256-011	Arcona, Inc. Phase 2.3	Charter Homes of Arcona, Inc.							152		Underground piping - NO BMP Installed						PAC210004
128	13-11-0270-105	Lupinacci, Michael and Kathryn	Lupinacci, Michael and Kathryn	1754 Liberty Cove		MECHANICSBURG	PA	17050	1754 Liberty Cove	153	Lupinacci, Michael and Kathryn	Infiltration trench		40.189494	-76926543	YBC3		
129																		
130													611.953					

ATTACHMENT # 22

PADEP PRP CORRESPONDENCE

LOWER ALLEN TOWNSHIP
Founded 1850
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

June 20, 2018

Jared Lescavage, Environmental Engineering Specialist
PaDEP Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, Pa. 17110-8200

RE: Pollutant Reduction Plan (PRP) Review Comments – Initial Response
Lower Allen Township Cumberland County MS4
NPDES Permit No. PAG133711
Authorization ID No. 1205634
Lower Allen Township, Cumberland County

Dear Mr. Lescavage:

Lower Allen Township is in receipt of your comment letter dated May 22, 2018, received at the Township office June 11, 2018. This is our initial response, however there are several items which require clarification before the Plan revision process can begin, as listed below.

1. *Surface waters not identified on the map. Please correct and resubmit the map.*

These will be noted on the maps in the final resubmission.

2. *The storm sewershed(s) that comprise the PRP Planning Area are not delineated on the map. Please correct and resubmit the map.*

Storm sewersheds are delineated on three different maps in the Plan, according to the guidance in 3800-PM-BCW0100k Rev. 3/2017. Please clarify this comment.

3. *The map shows areas that have been parsed; however, certain areas have been parsed incorrectly or are unauthorized. The maps show large scale areas of parsing, where it is hard to determine the location and whether or not these areas can be parsed or not. Please provide parsing on a smaller scale map. Additionally, areas may only be parsed if stormwater runs directly into streams. Please correct and resubmit the map.*

This generic comment does not specify which areas are being referenced. Areas were parsed in accordance with the guidance contained in Attachment A, Parsing Guidelines for MS4s in Pollutant Reduction Plans, in 3800-PM-BCW0100k Rev. 3/2017. Please clarify this comment.

The comment references a "smaller scale map". Please provide the citation of a regulation or guideline with a map scale specification, so that we can comply with that requirement.

The comment states that "areas may only be parsed if stormwater runs directly into streams." This is

not correct. The guidance contained in Attachment A, Parsing Guidelines for MS4s in Pollutant Reduction Plans, in 3800-PM-BCW0100k Rev. 3/2017 states in part the following:

> "Other examples of land area that may be parsed include:
> The land area associated with non-municipal stormwater NPDES permit coverage that exists within the urbanized area of a municipality…;
> Land area associated with PennDOT roadways and the Pennsylvania Turnpike (roads and rights of way);"

The Plan was developed following this guidance. Please confirm that this portion of the comment is not applicable.

4. *The map and PRP identifies BMP locations as parsed areas, rather than using the BMPs for load reduction credit. Please correct and resubmit the map.*

This labeling will be modified on the final resubmission.

5. *The map identifies several areas that were parsed due to an existing PAG-03 permit. Please identify each location and the associated permit number and resubmit the map.*

The location of each permitted parcel is highlighted on the map; the address and associated permit number are on the key sheet with the map in the Plan. Please provide a citation of the regulation or policy that is not being met by presenting the data in this format.

6. *The plan lists existing BMPs, but does not identify the type of BMP. Please correct and resubmit the plan.*

This will be added in the final resubmission.

7. *The plan lists BMPs with varying BMP effectiveness values (85% and 79%). Please justify the use of these values or correct and resubmit the plan.*

The values used were taken directly from *Recommendations of the Expert Panel to Define Removal Rates for Urban Stormwater Retrofit Projects*, published by Chesapeake Stormwater Network, last Revised January 20, 2015, Figure 3, parsed in accordance with the guidance contained in 3800-PM-BCW0100k Rev. 3/2017. Please clarify this comment.

8. *The plan lists an existing BMP (4915 Ritter Road Hotel) with a BMP effectiveness value of 79%, but the calculation uses 85% to achieve a reduced load. Please correct and resubmit the plan.*

This will be addressed in the final resubmission.

9. *The plan lists street sweeping as part of the base loading calculations. Instead, street sweeping should be used for credit in the pollutant load reduction calculations. Please correct and resubmit the plan.*

This will be addressed on the final resubmission.

The comment letter included a notation of "Enclosures", however none were included with the mailing. Please forward these documents to us as soon as possible so that we can begin revising the Plan.

Eight months were required to review the Plan submission, likewise the same amount of time will be needed to revise the Plan, plus the required 45 day public review period in addition to this time. This schedule for resubmitting the revised Plan will begin once the Township receives the clarifications

requested above from DEP.

It is our assumption that the five-year period within which the Plan must be completed will begin when DEP gives written approval of the Plan. Please advise if DEP has a different interpretation.

If there are any questions or if additional information is needed, please contact me at dflint@latwp.org or 717-975-7575 ext. 1101.

Sincerely,

Daniel J. Flint, P.E. NSPE
Township Engineer/Public Works Director

cc: Thomas G. Vernau, Jr., Township Manager
Erin Trone, Assistant Manager/Community Development Director
Rebecca Davis, MS4 Coordinator

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

May 22, 2018

Thomas Vernau
Lower Allen Township Cumberland County
2233 Gettysburg Road
Camp Hill, PA 17011

Re: Pollutant Reduction Plan (PRP) Review Comments
Lower Allen Township Cumberland County MS4
NPDES Permit No. PAG133711
Authorization ID No. 1205634
Lower Allen Township, Cumberland County

Dear Mr. Vernau:

The Department of Environmental Protection (DEP) has received your Notice of Intent (NOI) for NPDES permit coverage along with your PRP. DEP has reviewed the PRP and has the following comments and recommendations for improvement:

Mapping

- Surface waters are not identified on the map. Please correct and resubmit the map.
- The storm sewershed(s) that comprise the PRP Planning Area are not delineated on the map. Please correct and resubmit the map.
- The map shows areas that have been parsed; however, certain areas have been parsed incorrectly or are unauthorized. The maps show large scale areas of parsing, where it is hard to determine the location and whether or not these areas can be parsed or not. Please provide parsing on a smaller scale map. Additionally, areas may only be parsed if stormwater runs directly into streams. Please correct and resubmit the map.
- The map and PRP identifies existing BMP locations as parsed areas, rather than using the BMPs for load reduction credits. Please correct and resubmit the map and PRP.
- The map identifies several areas that were parsed due to an existing PAG-03 permit. Please identify each location and the associated permit number and resubmit the map.

BMPs

- The plan lists existing BMPs, but does not identify the type of BMP. Please correct and resubmit the plan.
- The plan lists BMPs with varying BMP effectiveness values (85% and 79%). Please justify the use of these values or correct and resubmit the plan.
- The plan lists an existing BMP (4915 Ritter Rd Hotel) with a BMP effectiveness value of 79%, but the calculation uses 85% to achieve a reduced load. Please correct and resubmit the plan.

- The plan lists street sweeping as part of the base loading calculation. Instead, street sweeping should be used for credit in the pollutant load reduction calculations. Please correct and resubmit the plan.

Please submit the information necessary to resolve the deficiencies identified in this letter within 90 days, or contact us to discuss a proposed submission schedule. If your resubmission results in changes to the type or location of proposed BMPs, please note that you will be required to make those changes available to the public for review and comment prior to resubmission to DEP. In your resubmission, please include verification that the public participation process was completed.

If you have any questions, please contact me at 717.705.6639.

Sincerely,

Jared Lescavage
ENVIRONMENTAL ENGINEERING SPECIALIST
Clean Water Program

Enclosures

cc: Scott Arwood
Jared Lescavage

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JUL 27 2018

RECEIVED
AUG 2 2018

Thomas Vernau
Lower Allen Township Cumberland County
2233 Gettysburg Road
Camp Hill, PA 17011

Re: Pollutant Reduction Plan (PRP) Review Comments
Lower Allen Township Cumberland County MS4
NPDES Permit No. PAG133711
Authorization ID No. 1205634
Lower Allen Township, Cumberland County

Dear Mr. Vernau:

The Department of Environmental Protection (DEP) has received your "Initial Response" Letter to the PRP Review Comments that were sent on May 22, 2018. DEP has the following responses to your letter:

1. Acknowledged.

2. Acknowledged that the sewersheds have been provided.

3. All parsed areas were individually separated and presented on 8.5x11 pages, making it difficult to determine the approximate location of each parsed area, and particularly the relationship of the existing and proposed BMPs to the parsed area. It is suggested that either a township wide map be submitted showing the cumulative parsed area and the BMPs, or alternatively add the BMPs to the 8.5x11 parsing sheets.

   The comment stating areas may only be parsed if stormwater runs directly into a stream was specifically referring to the "areas of direct discharge" that were parsed on the submitted maps, to ensure direct discharge parsing was correctly performed. Please include a statement that only direct discharges to surface waters were included in this category.

   It is correct that other areas besides direct discharge can be parsed, such as non-municipal MS4 coverage, industrial stormwater NPDES coverage, and PennDOT/ PTC ROWs.

4. Acknowledged.

5. The addresses and some names listed on the map are difficult to identify due to small size and location of text. Please provide a list of these names, addresses, and permit numbers.

6. Acknowledged.

7. Figure 5 of the Expert Panel report may be used to calculate the efficiency of the existing BMPs, if done correctly. It appears that the maximum percentage removal of 85% was used for the majority of the BMPs without providing justification of the calculation (i.e., the RS and IA values used to calculate the "x-axis" value). Please provide details of these calculations for each BMP.

8. Acknowledged.

9. Acknowledged.

Regarding the "Enclosures" notation that was included on our May 22, 2018 letter, this should have been omitted from the letter.

We do not believe the eight months and 45 days requested to revise the plan is reasonable. Please submit the information necessary to resolve the deficiencies identified in this letter within 90 days. If your resubmission results in changes to the type or location of proposed BMPs, please note that you will be required to make those changes available to the public for review and comment prior to resubmission to DEP. In your resubmission, please include verification that the public participation process was completed.

If you have any questions, please contact me at 717.705.6639.

Sincerely,

Jared Lescavage
ENVIRONMENTAL ENGINEERING SPECIALIST
Clean Water Program

cc: Scott Arwood
Jared Lescavage

ATTACHMENT # 23

IDDE INVESTIGATIONS

MS-4 Reporting Period 4-1-17 to 6-30-18

Summary of Investigations and Follow-up Actions:

There were a total of eight (8) enforcement actions in the Township during this pemit period. Those occurances are described below and the documentation of these events follows.

- **1477 Maplewood Drive** – DEP contacted Lower Allen Township with a potential dumping into an inlet complaint.
    - Action; Inlet was investigated and there was no evidence of dumping. MS4 mapping was utilitzed to trace the inlets downstream. No evidence of dumping was found. A letter was sent to the contractor who was allegedly dumping.
- **136 Fineview Road –** Lower Allen Township received a complaint that there was a vehicle leaking oil onto the Fineview Road.
    - Action; Property owner was notified and the oil leak was fixed and the vehicle was removed from the property.
- **Windsor Park Shopping Center –** Lower Allen Township received a complaint that a tenant in the Windsor Park Shopping Center was dumping unknown substances down the inlet behind the shopping center.
    - Action; A site visit reveled debris on the inlet grate and the dumpster lid open with debirs in the parking lot. Property owner was notified and subsequent site visits were conducted. The debris was cleaned up and the debris from the inlet grate was removed. There was no debris visable downstream from the inlet box. The Township continues site visits to this property to monitor the area. The property owner subsequently put the tenant on written notice.
- **Grass clipping complaints – various addressees** –
    - Action; The Township received a total of three (3) grass clippings complaints. Letters were sent to the three addresess and site visits were conducted to verify clippings were removed from the street and inlets.
- **Fire Company Training – Discharge Incident – 2233 Gettysburg Road –** On March 28, 2018, the Lower Allen Township Fire Company held a training at the Municipal Services Center. The training involved the use of Class "A" foam. Some of the foam entered the township rain gardens and level spreader in the parking lot. There was no discharge to the Cedar Run adjacent to the township parking lot.
    - Action; A memorandum and pictures were written up to document the incident. Yearly training for the fire company will be scheduled for MS4 information and educational purposes.
- **Penn Waste Spill –** On May 2, 2018, the Township received a phone call that there was a spill from a Penn Waste hualing truck in the parking lot of Nikoli's Pizza shop.
    - Action; A phone call was made to Penn Waste. The company stated that they are aware of the proper clean up procedures for spills and have spill kits on all of their vehicles. Township staff performed a site visit after the phone call to Nikoli's Pizza shop. The site visit revealed that absorbent was used to clean up the transmission fluid that leaked in the parking lot. The material was swept up and disposed of by Penn Waste. A memorandum and pictures were written up to document the incident. There were no releases into the stormwater system.

Documentation for all above matters are attached on the pages which follow this section.

LOWER ALLEN TOWNSHIP
Founded 1850
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

March 28, 2018

Marly E. Horton
417 Beegle Road
Bedford, PA 15522

RE: 136 Fineview Road, Camp Hill, PA 17011
Required Vehicle Maintenance – Leaking Oil

Dear Ms. Horton,

I am writing to you concerning a 1994 Blue GMC pickup truck with license plate number **ZCZ-7206** that is registered in your name. The vehicle is parking in front of the property located at 136 Fineview Road, Camp Hill, PA 17011, in Lower Allen Township.

The vehicle is leaking oil and has left significant oil residues and staining on Fineview Road. The attached pictures illustrate this. The leaking oil residue will eventually wash down Fineview Road during a rain event and make it into the Township's Stormwater System through an inlet. These actions will result in a prohibited discharge entering the stormwater system of Lower Allen Township as defined in the Lower Allen Township Stormwater Management Ordinance, Chapter 184, as adopted.

The Lower Allen Township Stormwater Management Ordinance Chapter 184, Section 37.B, states: *"Discharges to the municipality's separate storm sewer system or to waters of the commonwealth which are not composed entirely of stormwater shall be prohibited."*

You are hereby ordered to terminate such discharges **IMMEDIATELY UPON RECEIPT OF THIS LETTER!** Such actions not only represent violations of the Lower Allen Township Stormwater Ordinance but also endanger the residents of our community and the health of the receiving stream.

This is the only notice you will receive regarding this matter. If these discharges are not eliminated we will follow this letter with a formal Notice of Violation. Any one violating provisions of the Lower Allen Township Stormwater Ordinance shall be guilty of a summary offense and, and upon conviction, shall be subject to a fine of not more than $500 for each violation, plus court costs and attorney fees. Each day that the violation continues shall be a separate offense.

If you have questions regarding this correspondence please contact me at rdavis@latwp.org or 717-975-7575 ext. 1010.

Thank you in advance for your attention to this matter.

Sincerely,

Rebecca L. Davis
Township MS4 Coordinator

cc: Daniel J. Flint, P.E., NSPE, Township Engineer/Public Works Director







LOWER ALLEN TOWNSHIP
Founded 1850
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

MEMORANDUM

LOWER ALLEN TOWNSHIP
COMMUNITY DEVELOPMENT DEPARTMENT
2233 GETTYSBURG ROAD CAMP HILL, PA. 17011
(717)975-7575 FAX (717)731-4182
e-mail: **rdavis@latwp.org**

TO: **MS4 File – 136 Fineview Road**

FROM: **Rebecca L. Davis**
MS4 Coordinator

DATE: **4/4/2018**

SUBJECT: **136 Fineview Rd., Required Vehicle Maintenance**

This memorandum is to document in the MS4 file that the vehicle parking in front of 136 Fineview Road, Camp Hill, PA, 17011, has been removed from the property. A letter was sent to the registered owner of the vehicle, Marly Horton, stating that the truck parked in front of 136 Fineview Road was leaking oil which was an illicit discharge to the Lower Allen MS4 system.

Marly Horton, left a voicemail message for me on April 4, 2018, stating that she removed the vehicle from the property and will not park the vehicle there any longer. In addition she stated that she fixed the oil leak that the vehicle was having. Site investigation revealed that the vehicle was not present at 136 Fineview on April 4, 2018.

Rebecca Davis

From: Bowen, Patrick <patbowen@pa.gov>
Sent: Tuesday, February 27, 2018 11:57 AM
To: Rebecca Davis
Cc: Kunkel, Summer
Subject: FW: Complaint -1477 Maplewood Dr New Cumberland- dumping of white substance down storm drain

Hi Becky,

See below regarding the complaint we talked about a few minutes ago.

Thanks,

Patrick Bowen | Water Quality Specialist
Department of Environmental Protection
Southcentral Regional Office
909 Elmerton Avenue | Harrisburg, PA 17110
Phone: 717.705.4157 | Fax: 717.705.4760
24-Hour Emergency Response: 866-825-0208

From: Kunkel, Summer
Sent: Friday, February 23, 2018 2:35 PM
To: Marx, Valerie <vmarx@pa.gov>; Bartram, Derek <dbartram@pa.gov>; Bowen, Patrick <patbowen@pa.gov>
Subject: RE: Complaint -1477 Maplewood Dr New Cumberland- dumping of white substance down storm drain

From: Marx, Valerie
Sent: Friday, February 23, 2018 2:26 PM
To: Kunkel, Summer <sukunkel@pa.gov>; Bartram, Derek <dbartram@pa.gov>
Subject: Complaint -1477 Maplewood Dr New Cumberland- dumping of white substance down storm drain

Complainant: Retired police
Mr. Nelson 717.215.7814
1444 Maplewood Dr
New Cumberland PA

RP suspected is Commonwealth Corporation 717.770.2000
Workers at address 1477 Maplewood Drive
New Cumberland PA
Lower Allen Township
Cumberland County

Construction workers from the house at dumped
White substance poured down the stormdrai.
Complainant has sampling of what was dumped in the storm drain in a baggy/ container







Lower Allen Township
Cumberland County

Valerie S. Marx| Service Representative
Department of Environmental Protection|
South-central Regional Office | 909 Elmerton Ave | Harrisburg, PA 17110
Phone: 717.705.4709 | Fax: 717.705.4930
www.dep.pa.gov/ vmarx@pa.gov

DEP's South-central Regional Office(SCRO) 24-hour toll free Emergency Response number for is 866.825.0208.

Rebecca Davis

From: Rebecca Davis
Sent: Tuesday, February 27, 2018 3:56 PM
To: 'Bowen, Patrick'
Subject: RE: Complaint -1477 Maplewood Dr New Cumberland- dumping of white substance down storm drain

Hello Patrick,
Can you please provide additional information on the complaint so that I can have a detailed report for the Township's MS4 files? Date received, time, received by?
Thank you,
Becky

Rebecca L. Davis
MS4 Coordinator
Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
Office: (717) 975-7575 Ext. 1010
Fax: (717) 737-4182
rdavis@latwp.org
http://www.latwp.org

From: Bowen, Patrick [mailto:patbowen@pa.gov]
Sent: Tuesday, February 27, 2018 11:57 AM
To: Rebecca Davis <RDavis@latwp.org>
Cc: Kunkel, Summer <sukunkel@pa.gov>
Subject: FW: Complaint -1477 Maplewood Dr New Cumberland- dumping of white substance down storm drain

Hi Becky,

See below regarding the complaint we talked about a few minutes ago.

Thanks,

Patrick Bowen | Water Quality Specialist
Department of Environmental Protection
Southcentral Regional Office
909 Elmerton Avenue | Harrisburg, PA 17110
Phone: 717.705.4157 | Fax: 717.705.4760
24-Hour Emergency Response: 866-825-0208

From: Kunkel, Summer
Sent: Friday, February 23, 2018 2:35 PM

Rebecca Davis

From: Rebecca Davis
Sent: Wednesday, February 28, 2018 3:56 PM
To: 'Bowen, Patrick'
Cc: Daniel Flint; Raymond Allen; Corisa Mihoerck
Subject: RE: Complaint -1477 Maplewood Dr New Cumberland- dumping of white substance down storm drain

Good Afternoon Pat,

Yesterday at approximately 1:00 PM and this morning at approximately 10:00 AM, I investigated the dumping of illicit discharge mentioned in your e-mail below. During this field visit the inlet mentioned in your email located at 1477 Maplewood Drive, New Cumberland, PA, was located and investigated.

Our investigation yesterday and this morning did not reveal any illicit discharges dumped into the inlet at 1477 Maplewood Drive, or the inlet downslope from 1477 Maplewood Drive, located across the street at 1454 Maplewood Drive. There was nothing on the inlet grate, at the bottom of the inlet box, or any flows in either inlet. I met with Mr. Nelson, the complainant, this morning and he provided pictures of the contractor's vehicle and a picture of the inlet grate with a white substance on it that he witnessed.

As a follow-up to this complaint, the Township will:

- Prepare a detailed memo of this complaint and document the incident in our MS4 files under MCM #3 for our annual report.
- Send a warning letter to the Contractor who allegedly dumped the discharge into the inlet.

Can you please provide to our office the date and time of the complaint so that we can know when this occurred and can document that in our files?

I am releasing this preliminary report to your office to reassure the Department that the complaint was promptly investigated and was not found to be of urgent nature.

Please let me know if you need any additional information.

Thank you,
Becky

Rebecca L. Davis
MS4 Coordinator
Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011
Office: (717) 975-7575 Ext. 1010
Fax: (717) 737-4182
rdavis@latwp.org
http://www.latwp.org

Rebecca Davis

From: Bowen, Patrick <patbowen@pa.gov>
Sent: Wednesday, February 28, 2018 4:11 PM
To: Rebecca Davis
Cc: Daniel Flint; Raymond Allen; Corisa Mihoerck; Kunkel, Summer; Marx, Valerie
Subject: Re: Complaint -1477 Maplewood Dr New Cumberland- dumping of white substance down storm drain

Becky

Thanks for the follow up. I forwarded your email from yesterday to our complaints coordinator and my supervisor asking if there is additional information we can release to you. I have not received a reply. I'll send you any information that I can when I receive it.

Pat

From: Rebecca Davis <rdavis@latwp.org>
Sent: Wednesday, February 28, 2018 3:56 PM
Subject: RE: Complaint -1477 Maplewood Dr New Cumberland- dumping of white substance down storm drain
To: Bowen, Patrick <patbowen@pa.gov>
Cc: Daniel Flint <dflint@latwp.org>, Raymond Allen <rallen@latwp.org>, Corisa Mihoerck <cmihoerck@latwp.org>

Good Afternoon Pat,

Yesterday at approximately 1:00 PM and this morning at approximately 10:00 AM, I investigated the dumping of illicit discharge mentioned in your e-mail below. During this field visit the inlet mentioned in your email located at 1477 Maplewood Drive, New Cumberland, PA, was located and investigated.

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As a follow-up to this complaint, the Township will:

- Prepare a detailed memo of this complaint and document the incident in our MS4 files under MCM #3 for our annual report.
- Send a warning letter to the Contractor who allegedly dumped the discharge into the inlet.

Can you please provide to our office the date and time of the complaint so that we can know when this occurred and can document that in our files?

I am releasing this preliminary report to your office to reassure the Department that the complaint was promptly investigated and was not found to be of urgent nature.

LOWER ALLEN TOWNSHIP
Founded 1850
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

March 1, 2018

Commonwealth Corporation
467 Corporate Circle
Floor #2, Main building
New Cumberland, PA 17070

Re: Lower Allen Township Stormwater Ordinance Violation
1477 Maplewood Drive, New Cumberland, PA 17070

To Whom It May Concern:

On February 27, 2018, staff members from Lower Allen Township were contacted by the Pennsylvania Department of Environmental Protection (PADEP) regarding an illicit discharge complaint that was reported at 1477 Maplewood Drive, New Cumberland, PA 17070. On January 22, 2018, residents in the Maplewood Development witnessed employees from your company dumping construction debris down the inlet located in front of 1477 Maplewood Drive. These actions resulted in a prohibited discharge entering the stormwater system of Lower Allen Township as defined in the Lower Allen Township Stormwater Management Ordinance, Chapter 184, as adopted.

The Lower Allen Township Stormwater Management Ordinance Chapter 184, Section 37.B, states *"Discharges to the municipality's separate storm sewer system or to waters of the commonwealth which are not composed entirely of stormwater shall be prohibited."*

You are hereby ordered to terminate such discharges **IMMEDIATELY UPON RECEIPT OF THIS LETTER!** Such actions not only represent violations of the Lower Allen Township Stormwater Ordinance but also endanger the residents of our community and the health of the receiving stream.

This is the only notice you will receive regarding this matter. If these discharges are not eliminated we will follow this letter with a formal Notice of Violation. Any one violating provisions of the Lower Allen Township Stormwater Ordinance shall be guilty of a summary offense and, and upon conviction, shall be subject to a fine of not more than $500 for each violation, plus court costs and attorney fees. Each day that the violation continues shall be a separate offense.

If you have questions regarding this correspondence please feel free contact me at rdavis@latwp.org or 717-975-7575 ext. 1010.

Sincerely,

Rebecca L. Davis
Township MS4 Coordinator

Cc: Daniel J. Flint, P.E., NSPE, Township Engineer/Public Works Director
Raymond Allen, Engineering Technician
Corisa Mihoerck, Complaint Coordinator

LOWER ALLEN TOWNSHIP
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

MEMORANDUM

LOWER ALLEN TOWNSHIP
COMMUNITY DEVELOPMENT DEPARTMENT
2233 GETTYSBURG ROAD CAMP HILL, PA. 17011
(717)975-7575 *FAX (717)731-4182*
e-mail: rdavis@latwp.org

TO: **MS4 File**

FROM: **Rebecca L. Davis**
MS4 Coordinator

CC: **Daniel J. Flint, P.E., NPSE, Township Engineer/Public Works Director**
Raymond Allen, Engineering Technician

DATE: **3/1/2018**

SUBJECT: **Illicit Discharge Complaint Investigation**

On February 27, 2018, I evaluated a report from the Department of Environmental Protection regarding a pollution incident at the inlet located in front of 1477 Maplewood Drive, New Cumberland, PA 17070. The receiving stream in this area is the Yellow Breeches. The purpose of this memo is to document the complaint and actions taken.

The complaint was received from the Department of Environmental Protection (DEP) via e-mail at 11:57 AM on February 27, 2018 indicating that there was a contractor performing work at 1477 Maplewood Drive, New Cumberland, PA 17070, that dumped a white substance down the inlet in front of the home. Raymond Allen and I reviewed our ARCGIS mapping to determine which stormwater facilities were in the area. We then left for a field investigation at approximately 1:00 PM.

We began our investigation at 1477 Maplewood Drive, New Cumberland, PA 17070. We attempted to contact the home owner several times by ringing the doorbell but no one was home at the time. Township staff looked at the inlet directly in front of 1477 Maplewood Drive. We noted no white substance on the inlet grate or anything in the inlet box. We followed the MS4 system to the next inlet downslope from 1477 Maplewood Drive directly in front on 1472 Maplewood Drive and observed no white substance on the inlet grate or anything in the inlet box besides some small gravel. The site visit ended at 1:30 PM.

Upon return to the office, I contacted the resident, Mr. Nelson, who filed the complaint with DEP. He requested a meeting to share his photographs and the evidence he gathered. Mr. Nelson stated that the incident occurred on 1/22/2018. I spoke with Raymond Allen regarding the Township's MS4 outfall mapping and the location of the outfall that would receive flows from the inlets in question. After reviewing the mapping Raymond noted that he inspected the outfall that receives the stormwater discharges from 1477 Meadowood Drive on 2/14/2018. The outfall is YBC 5.0 on our MS4 outfall mapping. Raymond noted that no flow or discoloration was observed on 2/14/18 during the inspection.

I met with Mr. Nelson of 1444 Maplewood Drive, New Cumberland, PA 17070, the following day, 2/28/17, at 10 AM at his residence. Mr. Nelson explained the events that he observed on 1/22/18 and provided photographs of the contractor vehicle in the driveway at 1477 Maplewood Drive, and the inlet grate directly in front of the home covered in a white material. Upon performing an additional field inspection, none of the white material was observed on or in the inlet in front of 1477 Maplewood Drive, or the inlet downstream at 1472 Maplewood Drive.

The site visit was ended at 10:30 AM. Upon my return to the office a brief e-mail report was sent to the DEP with our findings. A warning letter will be sent to the contractor regarding the illicit discharge.

DAVID S. BROWN
ENTERPRISES

Via Overnight Courier and U.S. First Class Mail
May 18, 2018

Ahsan Ul-Haq
Zahid Hussain
Khalil Haider
5202 Simpson Ferry Road. Suites 106 and 107
Mechanicsburg, PA 17055

Ansar W. Chohan
608 Somerset Drive
Mechanicsburg, PA17055

Muhammad Y. Aleem
1305 Apple Drive
Mechanicsburg, PA 17055

RE: ***Lease Default and Non-Compliance With Laws Requiring Immediate Corrective Action***

Dear Tenant and Messrs Chohan and Aleem:

This letter is being sent to you on behalf of Windsor Park Shopping Centers, LLP, your Landlord of the 5202 Simpson Ferry Road location.

We have been notified by the Municipal Storm Sewer System Department of the Lower Allen Township that ***your operations are in serious violation of local ordinances***. The Township received and verified a complaint about ***illegal dumping*** into a storm inlet.

Specifically, debris is being left on the grate of the inlet and debris is in the bottom of the inlet box. See, enclosed pictures. Dumping into storm drains is an illicit discharge and is prohibited in Lower Allen Township. You are in violation of Lower Allen Township's Stormwater Management Ordinance, Chapter 184, and each of you will be held personally responsible for any fines, costs, etc. associated with such violation.

Dumping of any type of material, trash, grease, etc. is strictly prohibited. You must cease such activity immediately.

Additionally, the lid of your dumpster has been left open and trash and debris exposed to the elements. Trash can clog the grate of the inlet causing flooding and ultimately can enter a storm inlet and cause contamination. ***Please have close your dumpster lid at all times so that this can be avoided.***

Until all of these matters are corrected, you remain in violation of your Lease and the law.

Sincerely yours,

Carmela Leone Bell
Associate General Counsel

Enclosures



Advanced
Disposal



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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



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LOWER ALLEN TOWNSHIP
Founded 1850
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

May 18, 2018

David S. Brown Enterprises, Ltd.
100 Painters Mill Rd., Suite 900
Owings Mills, MD 21117
Attn: Kenneth Bernstein

Re: Lower Allen Township Stormwater Ordinance Violation
Windsor Park Shopping Center, Tax ID #13-23-0561-082
5202-5284 Simpson Ferry Road, Mechanicsburg, PA 17050

Dear Mr. Bernstein,

On May 16, 2018, I received a complaint that illegal dumping into a stormwater inlet was occurring in the rear of the Windsor Park Shopping Center. A site visit was performed on May 17, 2018, confirming that the illegal dumping was occurring. There was debris on the inlet grate as well as debris in the bottom of the inlet box near the back entrance to the Zaiqa Kabab & Grill Restaurant. In addition, the dumpster lid was open and trash and debris were scattered around the parking lot. Pictures of the site are attached. These actions resulted in a prohibited discharge entering the stormwater system of Lower Allen Township as defined in the Lower Allen Township Stormwater Management Ordinance, Chapter 184, as adopted.

The Lower Allen Township Stormwater Management Ordinance Chapter 184, Section 37.B, states *"Discharges to the municipality's separate storm sewer system or to waters of the commonwealth which are not composed entirely of stormwater shall be prohibited."*

You are hereby ordered to terminate such discharges **IMMEDIATELY UPON RECEIPT OF THIS LETTER!** Such actions not only represent violations of the Lower Allen Township Stormwater Ordinance but also endanger the residents of our community and the health of the waters of the commonwealth.

This is the only notice you will receive regarding this matter. If these discharges are not eliminated we will follow this letter with a formal Notice of Violation. Any one violating provisions of the Lower Allen Township Stormwater Ordinance shall be guilty of a summary offense and, and upon conviction, shall be subject to a fine of not more than $500 for each violation, plus court costs and attorney fees. Each day that the violation continues shall be a separate offense.

If you have questions regarding this correspondence please feel free contact me at rdavis@latwp.org or 717-975-7575 ext. 1010.

Sincerely,



Rebecca L. Davis
Township MS4 Coordinator

Cc: Daniel J. Flint, P.E., NSPE, Township Engineer/Public Works Director
Corisa Mihoerck, Complaint Coordinator

Picture #1 – Stormwater Inlet behind Zaiqa Kabab & Grill



Picture #2 – Dumpster with lid open behind Zaiqa Kabab & Grill



LOWER ALLEN TOWNSHIP
Founded 1850
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

MEMORANDUM

LOWER ALLEN TOWNSHIP
COMMUNITY DEVELOPMENT DEPARTMENT
2233 GETTYSBURG ROAD CAMP HILL, PA. 17011
(717)975-7575 FAX (717)731-4182
e-mail: **rdavis@latwp.org**

TO: **MS4 File**

FROM: **Rebecca L. Davis**
MS4 Coordinator

CC: **Thomas Vernau, Township Manager**
Daniel J. Flint, P.E., NPSE, Township Engineer/Public Works Director
David Holl, Public Safety Director
David Murdoch, Fire Chief

DATE: **4/4/2018**

SUBJECT: Fire Company Training Discharge Incident 3/29/2018

This memorandum is to document in the Lower Allen Township's MS4 file a training that occurred at the Fire Company parking lot on March 28, 2018.

The Lower Allen Township Fire Company conducted a training on the compressed air foam system on Wednesday March 28, 2018. There were 22 people in attendance and the training took place at approximately 6:30 PM. The fire company used 2700 gallons of water and 17 gallons of Class "A" foam concentrate during the training (MSDS sheets attached).

Upon entering the parking lot on Thursday March 29, 2018, at approximately 7:40 AM, I noticed white foam accumulated in the rain garden in front of the Municipal Services Center (MSC) in the parking lot. Upon further inspection the foam was also coming down the entrance road into the MSC and accumulating in the rain garden in front of the side entrance to the MSC. The source appeared to be coming from the fire company parking lot. Lower Allen Township staff

took pictures to document the discharge. The pictures are attached to this memorandum.

I discussed the discharges with the Township Manager, Thomas Vernau, who subsequently called a meeting with the Fire Chief, David Murdoch, and myself. We discussed having an alternate site location when training with this type of material is scheduled and the potential environmental impacts of the discharges. MSDS sheets were provided for the type of foam used during the training. The foam was a Class "A" knockdown foam specifically used for training purposes. I requested a summary of the events of the training from Chief Murdoch for the file.

After the meeting I reviewed the land development plans for the MSC which indicated that the inlet in the rain garden flowed to a level spreader on the other side of the MSC parking lot. I performed a site inspection of the rain gardens to see if the foam had broken down. The foam was still present in the parking lot and in both rain gardens. I swept the foam away from the inlet in the rain garden in the parking lot in front of MSC. The inlet had foam discharge in the bottom of it. I inspected the level spreader by lifting the inspection ports at both ends. The inspection port for the level spreader closest to the inlet had foam discharge in the bottom. The second inspection port of the level spreader was lifted and no foam was observed. The foam was contained within the level spreader and did not enter the stream located on the other side of the parking lot.

Because of this incident, trainings with the fire company will be scheduled for MS4 information and education on a yearly basis. Documentation of those trainings will be placed in the Township's annual MS4 report.

Picture #1 – Rain garden in front of MSC side entrance



Picture #2 – Rain Garden in front of MSC in parking lot



Picture #3 – Discharge trail from Fire Company Parking lot



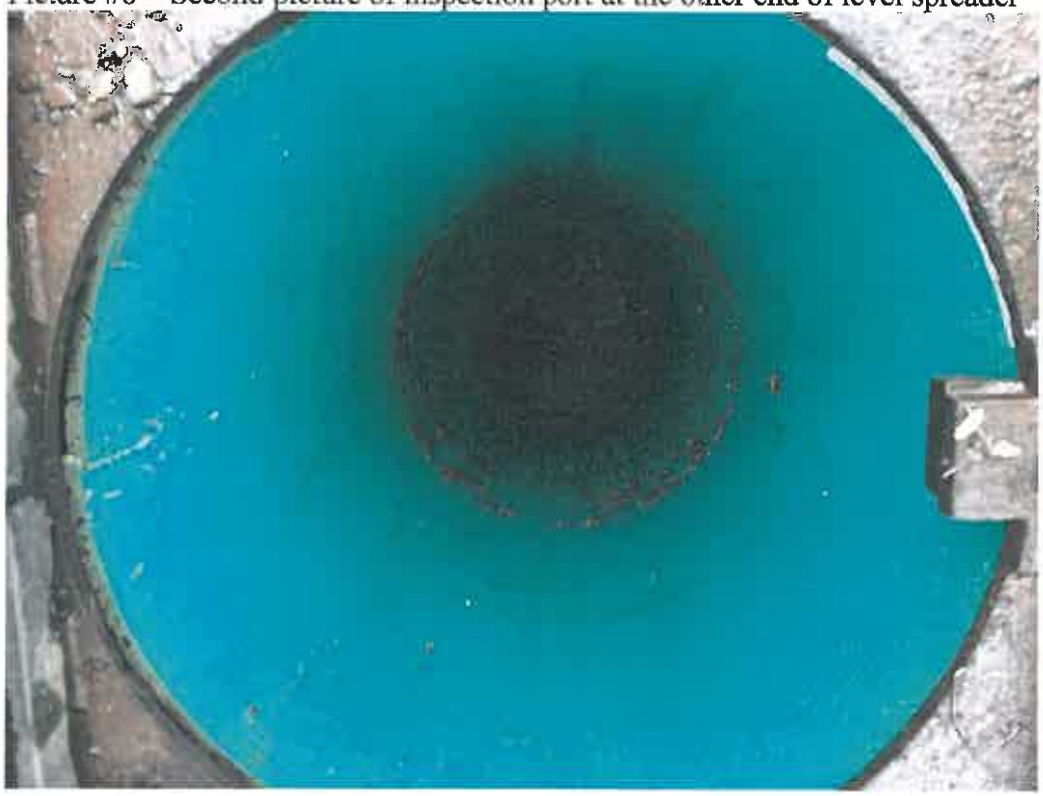
Picture #4 – Inspection port of level spreader closest to rain garden inlet



Picture #5 – Inspection port at other end of level spreader



Picture #6 – Second picture of inspection port at the other end of level spreader



LOWER ALLEN TOWNSHIP
Founded 1850
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

May 22, 2018

Barbara Saul
16 Cornell Drive
Camp Hill, PA 17011

Re: Lower Allen Township Stormwater Ordinance Violation
16 Cornell Drive, Camp Hill, PA 17011

Dear Ms. Saul:

On May 21, 2018, Lower Allen Township received a complaint that illegal dumping into a stormwater inlet was occurring in front of your residence. Grass clippings and debris from your residence and the street were power washed into the stormwater inlet on Cornell Drive. The stormwater inlet is immediately to the left of your dwelling when looking at your home from Cornell Drive. These actions resulted in a prohibited discharge entering the stormwater system of Lower Allen Township as defined in the Lower Allen Township Stormwater Management Ordinance, Chapter 184, as adopted.

The Lower Allen Township Stormwater Management Ordinance Chapter 184, Section 37.B, states *"Discharges to the municipality's separate storm sewer system or to waters of the commonwealth which are not composed entirely of stormwater shall be prohibited."*

You are hereby ordered to terminate such discharges **IMMEDIATELY UPON RECEIPT OF THIS LETTER!** Such actions not only represent violations of the Lower Allen Township Stormwater Ordinance but also endanger the residents of our community and the health of the receiving stream.

This is the only notice you will receive regarding this matter. If these discharges are not eliminated we will follow this letter with a formal Notice of Violation. Any one violating provisions of the Lower Allen Township Stormwater Ordinance shall be guilty of a summary offense and, and upon conviction, shall be subject to a fine of not more than $500 for each violation, plus court costs and attorney fees. Each day that the violation continues shall be a separate offense.

If you have questions regarding this correspondence please feel free contact me at rdavis@latwp.org or 717-975-7575 ext. 1010.

Sincerely,

Rebecca L. Davis
Township MS4 Coordinator

Cc: Daniel J. Flint, P.E., NSPE, Township Engineer/Public Works Director
Corisa Mihoerck, Complaint Coordinator

LOWER ALLEN TOWNSHIP
Founded 1850
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

June 5, 2018

Leslie Crane
20 Palmer Drive
Camp Hill, PA 17011

Re: Lower Allen Township Stormwater Ordinance Violation
20 Palmer Drive, Camp Hill, PA 17011, Tax ID #13-25-0022-253

Dear Ms. Crane:

On June 4, 2018, Lower Allen Township received a complaint regarding your property. Grass clippings from your residence were being mulched and blown directly into Palmer Drive. In addition, grass clippings were dumped into an inlet on Palmer Drive. These actions resulted in a prohibited discharge entering the stormwater system of Lower Allen Township as defined in the Lower Allen Township Stormwater Management Ordinance, Chapter 184, as adopted.

The Lower Allen Township Stormwater Management Ordinance Chapter 184, Section 37.B, states *"Discharges to the municipality's separate storm sewer system or to waters of the commonwealth which are not composed entirely of stormwater shall be prohibited."*

You are hereby ordered to terminate such discharges **IMMEDIATELY UPON RECEIPT OF THIS LETTER!** Such actions not only represent violations of the Lower Allen Township Stormwater Ordinance but also endanger the residents of our community and the health of the receiving stream.

This is the only notice you will receive regarding this matter. If these discharges are not eliminated we will follow this letter with a formal Notice of Violation. Any one violating provisions of the Lower Allen Township Stormwater Ordinance shall be guilty of a summary offense and, and upon conviction, shall be subject to a fine of not more than $500 for each violation, plus court costs and attorney fees. Each day that the violation continues shall be a separate offense.

If you have questions regarding this correspondence, please feel free contact me at rdavis@latwp.org or 717-975-7575 ext. 1010.

Sincerely,

Rebecca L. Davis
Township MS4 Coordinator

Cc: Daniel J. Flint, P.E., NSPE, Township Engineer/Public Works Director
Corisa Mihoerck, Complaint Coordinator

LOWER ALLEN TOWNSHIP
Founded 1850
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

May 30, 2018

Shawn Fabian
43 Argali Lane
Mechanicsburg, PA 17055

Re: Lower Allen Township Stormwater Ordinance Violation
43 Argali Lane, Mechanicsburg, PA 17055, Tax ID #13-26-0251-142

Dear Mr. Fabian:

On May 29, 2018, Lower Allen Township received a complaint regarding your property. Grass clippings from your residence were being mulched directly into Argali Lane. These actions will result in a prohibited discharge entering the stormwater system of Lower Allen Township as defined in the Lower Allen Township Stormwater Management Ordinance, Chapter 184, as adopted.

The Lower Allen Township Stormwater Management Ordinance Chapter 184, Section 37.B, states *"Discharges to the municipality's separate storm sewer system or to waters of the commonwealth which are not composed entirely of stormwater shall be prohibited."*

You are hereby ordered to terminate such discharges **IMMEDIATELY UPON RECEIPT OF THIS LETTER!** Such actions not only represent violations of the Lower Allen Township Stormwater Ordinance but also endanger the residents of our community and the health of the receiving stream.

This is the only notice you will receive regarding this matter. If these discharges are not eliminated we will follow this letter with a formal Notice of Violation. Any one violating provisions of the Lower Allen Township Stormwater Ordinance shall be guilty of a summary offense and, and upon conviction, shall be subject to a fine of not more than $500 for each violation, plus court costs and attorney fees. Each day that the violation continues shall be a separate offense.

If you have questions regarding this correspondence, please feel free contact me at rdavis@latwp.org or 717-975-7575 ext. 1010.

Sincerely,

Rebecca L. Davis
Township MS4 Coordinator

Cc: Daniel J. Flint, P.E., NSPE, Township Engineer/Public Works Director
Corisa Mihoerck, Complaint Coordinator

LOWER ALLEN TOWNSHIP
2233 GETTYSBURG ROAD • CAMP HILL, PENNSYLVANIA 17011

MEMORANDUM

LOWER ALLEN TOWNSHIP
COMMUNITY DEVELOPMENT DEPARTMENT
2233 GETTYSBURG ROAD CAMP HILL, PA. 17011
(717)975-7575 *FAX (717)731-4182*
e-mail: **rdavis@latwp.org**

TO: **MS4 File**

FROM: **Rebecca L. Davis**
MS4 Coordinator

CC: **Daniel J. Flint, P.E., NPSE, Township Engineer/Public Works Director**
Ray Allen, Engineering Technician

DATE: **5/4/2018**

SUBJECT: Spill Report Documentation – Penn Waste – 4700 Gettysburg Road, Camp Hill

A report of a spill occurring at 4700 Gettysburg Road, Camp Hill, PA 17011 was called into the Township on Friday May 4, 2018. The location was the parking lot of Nikoli's Pizza, 4700 Gettysburg Road, in Lower Allen Township. A Penn Waste hauling truck had a leak of transmission fluid on the road and immediately pulled into the parking lot of Nikoli's Pizza when he discovered what happened. Ray Allen spoke to Penn Waste who said they were aware of the cleanup procedures required and that all trucks have a spill kit on board. Ray performed a site visit and upon inspection revealed that absorbent was used to stop the fluid from spreading and also, was used to soak up the fluid on the ground. The Penn Waste vehicle was still there cleaning up when Ray left the site. Another inspection was performed by myself and Ray

around 2:15PM and the absorbent was swept up and removed from the site. None of the transmission fluid reached the inlet that is located at the corner of Windsor Place and Gettysburg Road next to the parking lot. Everything was contained to the parking lot of Nikoli's and a small portion of Gettysburg Road. There were no releases to the Stormwater system. Pictures of the site are attached to this memorandum.

Absorbent soaking up the hydraulic fluid



Spill contained and absorbent swept up and removed from site by Penn Waste.



Entrance to Nikoli's Pizza – absorbent on tracks



Absorbent swept up and bagged and removed from site by Penn Waste.



ATTACHMENT # 24

BMP INVENTORY FOR PRP PLAN IMPLEMENTATION

BMP INVENTORY FOR PRP PLAN IMPLEMENTATION											
BMP #	**BMP Name**	**DA (AC)**	**% Imp**	**BMP Extent**	**Units**	**LAT**	**LONG**	**Date Installed**	**Annual Sediment Load Reduction (lbs/year)**	**Date of Latest Inspection**	**Satisfactory?**
1	4915 Ritter Road, High Hotels	3.87	56%	100%	AC	40°12'12"	-076°57'32"	4/2015	3938.55	1/30/17	YES
2	2700 Yetter Court, Yetter Court Enterprises	46.83	43%	100%	AC	40°12'62"	-076°55'48"	8/2015	42585.06	1/5/17	YES
3	850 Lisburn Road, Brooks Edge	8.35	38%	100%	AC	40°13'26"	-076°54'54"	10/2015	6915.91	4/11/18	YES
4	960 Century Drive, Select Capital Corp.	9.821	58%	100%	AC	40°12'49"	-076°57'37"	10/2014	11131.42	1/24/18	YES
5	4732 Gettysburg Rd., Old Gettysburg Associates	5.24	77%	100%	AC	40°12'40"	-076°57'36"	10/2016	7419.59	12/26/17	YES
6	2233 Gettysburg Road, Lower Allen Township Offices	5.60	45%	100%	AC	40°13'03"	-076°52'19"	2008 & 10/2015	5227.04	9/27/17	YES
7	Yarmouth Lane/Beacon Hill Basins	16.50	33%	100%	AC	40°13'07"	-076°52'22"	3/2008	12449.61	1/31/16	YES

BMP #	BMP Name	DA (AC)	% Imp	BMP Extent	Units	LAT	LONG	Date Installed	Annual Sediment Load Reduction (lbs/year)	Date of Latest Inspection	Satisfactory?
8	Stone Gate Village Basins	7.89	56%	100%	AC	40°12’29”	-076°56’06”	10/2016	8634.04	1/2017	YES
9	Liberty Cove Basins	3.15	32%	100%	AC	40°11’27”	-076°55’36”	3/2009	2316.29	2/23/18	YES
10	4545 Westport Drive, VFW POST 7530	5.38	36%	100%	AC	40°12’20”	-076°56’52”	2/2007	4287.92	12/26/17	YES
11	4526 Woods Way, Manor at Westport Basins 3 & 4	6.568	15%	100%	AC	40°12’02”	-076°56’51”	9/2005	3387.40	1/26/18	YES
12	4513 Woods Way, Manor at Westport Basins 1 & 2	10.37	32%	100%	AC	40°12’06”	-076°56’45”	9/2005	7622.38	3/20/18	YES
13	4165 Birchwood Lane	4.52	22%	100%	AC	40°10’04”	-076°55’26”	1/2007	1876.79	8/1/16	YES
14	4118 Willow Bend Road, Basin No. 2	2.60	27%	100%	AC	40°10’05”	-076°55’13”	8/2006	1724.46	3/1/16	YES
15	4118 Willow Bend Road, Basin No. 1	4.78	16%	100%	AC	40°10’05”	-076°55’13”	4/2006	1682.05	1/1/16	YES
16	4921 Gettysburg Road, Hotel	6.14	42%	100%	AC	40°12’26”	-076°57’49”	6/2007	5427.71	1/12/16	YES

17	Strong Road, Highpoint Phases 1.1, 1.2, & 1.4	43.302	35%	100%	AC	40°11’36”	-076°56’46”	10/2014	33892.07	12/26/17	YES

ATTACHMENT # 25

PUBLIC WORKS OPERATION & MAINTENANCE REPORT

Round #1

Lower Allen Township
Storm Water Management Plan
Pollution Prevention/Good Housekeeping
Operations and Maintenance Program

STREET SWEEPER CAPACITY 6 CUBIC YARDS FULL

START DATE -4/4/17 END DATE -5/2/17

OPERATORS NAME - Marshall

Storm water inlets cleaned:

Lower Allen Township: _____

PennDOT: _____

Total: _____

Loads: _____

Pounds Per Loads: 3300

Total Pounds: _____

Total Tonnage: _____

Street Sweeping:

Loads: 26

Pounds Per Load: 5190

Total Pounds: 134,940

Total Tonnage 67.47

Curb miles of street cleaned annually by street sweeping operations 660

Loads of sweepings collected annually by street sweeping operations 86

Loads of leaves removed from streets annually by leaf recycling operations 223

ROUND #2

Lower Allen Township
Storm Water Management Plan
Pollution Prevention/Good Housekeeping
Operations and Maintenance Program

STREET SWEEPER CAPACITY 6 CUBIC YARDS FULL

START DATE 5/8/2017 END DATE6/8/2017

OPERATORS NAME - MARSHALL

Storm water inlets cleaned:

Lower Allen Township: _____

Penn DOT: _____

Total: _____

Loads: _____

Pounds Per Loads: 3300

Total Pounds: _____

Total Tonnage: _____

Number of Days to complete project: _____

Street Sweeping:

Loads: 23

Pounds Per Load: 5190

Total Pounds: 119,370

Total Tonnage 59.85

Curb miles of street cleaned annually by street sweeping operations_____

Loads of sweepings collected annually by street sweeping operations_____

Loads of leaves removed from streets annually by leaf recycling operations_____

Round #3

Lower Allen Township
Storm Water Management Plan
Pollution Prevention/Good Housekeeping
Operations and Maintenance Program

STREET SWEEPER CAPACITY 6 CUBIC YARDS FULL

START DATE 8/28/2017 **END DATE 9/21/2017**

OPERATORS NAME - MARSHALL

Storm water inlets cleaned:

Lower Allen Township: _____

Penn DOT: _____

Total: _____

Loads: _____

Pounds Per Loads: 3300

Total Pounds: _____

Total Tonnage: _____

Number of Days to complete project _____

Street Sweeping:

Loads: 6

Pounds Per Load: 5190

Total Pounds: 31140

Total Tonnage 15.57

Curb miles of street cleaned annually by street sweeping operations_____

Loads of sweepings collected annually by street sweeping operations_____

Loads of leaves removed from streets annually by leaf recycling operations_____

Round #4

Lower Allen Township
Storm Water Management Plan
Pollution Prevention/Good Housekeeping
Operations and Maintenance Program

STREET SWEEPER CAPACITY 6 CUBIC YARDS FULL

START DATE –12/4/17 END DATE –12/22/17

OPERATORS NAME – Marshall

Storm water inlets cleaned:

Lower Allen Township: _____

PennDOT: _____

Total: _____

Loads: _____

Pounds Per Loads: 3300

Total Pounds: _____

Total Tonnage: _____

Street Sweeping:

Loads: 31

Pounds Per Load: 5190

Total Pounds: 160,890

Total Tonnage 80.45

Curb miles of street cleaned annually by street sweeping operations_____

Loads of sweepings collected annually by street sweeping operations_____

Loads of leaves removed from streets annually by leaf recycling operations_____

Lower Allen Township
Storm Water Management Plan
Pollution Prevention/Good Housekeeping
Operations and Maintenance Program

STREET SWEEPER CAPACITY 6 CUBIC YARDS FULL

START DATE -3/27/17 END DATE -3/30/17

OPERATORS NAME - Ryan, Jeff

Storm water inlets cleaned:

Lower Allen Township:	52
PennDOT:	
Total:	52
Loads:	5.5
Pounds Per Loads:	3300
Total Pounds:	18,150
Total Tonnage:	9.08

Street Sweeping:

Loads:	
Pounds Per Load:	5190
Total Pounds:	
Total Tonnage	

Curb miles of street cleaned annually by street sweeping operations_____

Loads of sweepings collected annually by street sweeping operations_____

Loads of leaves removed from streets annually by leaf recycling operations_____

Lower Allen Township
Storm Water Management Plan
Pollution Prevention/Good Housekeeping
Operations and Maintenance Program

STREET SWEEPER CAPACITY 6 CUBIC YARDS FULL

START DATE -2/15/17 END DATE -3/7/17

OPERATORS NAME - Ryan, Jeff

Storm water inlets cleaned:

Lower Allen Township:	
PennDOT:	126
Total:	126
Loads:	13.5
Pounds Per Loads:	3300
Total Pounds:	44,550
Total Tonnage:	22.28

Street Sweeping:

Loads:	
Pounds Per Load:	5190
Total Pounds:	
Total Tonnage	

Curb miles of street cleaned annually by street sweeping operations_____

Loads of sweepings collected annually by street sweeping operations_____

Loads of leaves removed from streets annually by leaf recycling operations_____

LOCATION:

LOWER ALLEN TOWNSHIP PUBLIC WORKS
1400 ST. JOHNS RD
CAMP HILL PA. 17011

STORM WATER MANAGEMENT PLAN
POLLUTION PREVENTION/GOOD HOUSEKEEPING
OPERATIONS AND MAINTENANCE PROGRAM

2017

Salt separator and storm water inlets cleaned:

Date cleaned: 2/15/17
Method used: Street sweeper
Personnel: Jeff, Ben

Internal drainage system cleaned:

Date cleaned:
Method used: Electric Eel
Personnel:

Oil Interceptor cleaned:

Date cleaned: 2/17/17 5/11/17 10/9/17
Method used: Shop Vac
Personnel: Bryan, Ryan, Jeff, Ben

Porous Blacktop Sweeping at MSC, Creekwood Park, CSRP, Pete's Field:

Dated cleaned: 6/21/17
Method used: Street Sweeper (Vacuumed)
Personnel: Marshall

2 Inlet Box Sponge Baskets at the North side of Public Works Building:

Date cleaned: 1/18/17 5/23/17 10/27/17
Method used: Manually
Personnel: Ryan, Jeff, Ben

Contractor Pruitt Trucking Street Sweepings Disposal: 9/8/17 – 95.33 Tons

39 ATTENDEES
5 Previously
1 Cos Staff
45

May 25, 2017 – 8:30 to 10 AM
(registration 8 am)

Emergency Management – Vehicle Accidents and Spills

SIGN IN SHEET

Muni/Organization	Name	Signature
Citizens Hose Co. No 1 – Dillsburg	Robert Kauffman	
	Scott McClintock	
C.S. Davidson Inc.	Hillary Dunning	
Dauphin Middle Paxton Twp. EMA	Bob Rusbatch	
Fairview Township	Paul Goff	
	Paul Rodrigo	
Hampden Township	Mike Taylor	
Highspire Borough	Terry Watts	
Highspire Police Dept	Mark Stonbraker	
	Bradley Canfield	
	Christopher Santiago	
	Jeffrey LeVan	
Lower Allen Township	Christopher Yohn	
	Leon Crone	
	David Holl	
	Bob Nailor	
	Ken Rocuskie	
	Bryan Harshbarger	
LAT	David Murdock	

Lower Allen Township	Marshall Quartmon	
	Tom Stambaugh	
	Ryan Turpin	
	Ben Peters	
Lower Paxton Township	Randy Allen	
Middletown Borough	Ken Klinepeter	
Monaghan Township	Vicki Aycock	
Monroe Township	Dave Heckert	
	Greg Hertzler	
S3/LB Water	Justin Nace	
Silver Spring Township	Tom Allison	
South Hanover Township	Rebecca Davis	
Susquehanna Township Police	Francia Done	
	Justin Doyle	
PA DEP	Walt Bair	
Upper allen	Allison Fink	
Upper allen	Megan McKeever	
Gary Myers	CapCOG	
Casey McMillan	Highspire	
Upper Allen	Zach Gilden	
Dave Sowers		
Randy Hoy		

SOME ON BACK



Pruitt Trucking & Hauling Inc.

230 Conrad Lane
Gardners, Pa.
17324

DATE	INVOICE #
9/29/2017	304995

BILL TO

Lower Allen Township
1400 St. Johns Road
Camp Hill, Pa.
17011

P.O. NO.	CHECK NO.
Sweeping Disposal	

DATE	QTY	DESCRIPTION	TICKET NUM...	RATE	AMOUNT
9-8 Truck #802	20.67	Ton(s) Waste Hauling Charges (20 ton min.)	# 216858	14.50	299.72
	20.67	Ton(s) Disposal Fees		45.00	930.15
9-20 Truck #802	20	Ton(s) Waste Hauling Charges (20 ton min.)	# 218256	14.50	290.00
	18.51	Ton(s) Disposal Fees		45.00	832.95
9-21 Truck #802	20.49	Ton(s) Waste Hauling Charges (20 ton min.)	# 218306	14.50	297.11
	20.49	Ton(s) Disposal Fees		45.00	922.05
9-25 Truck #802	20.31	Ton(s) Waste Hauling Charges (20 ton min.)	# 218757	14.50	294.50
	20.31	Ton(s) Disposal Fees		45.00	913.95
9-28 Truck #802	20	Ton(s) Waste Hauling Charges (20 ton min.)	# 219207	14.50	290.00
	15.35	Ton(s) Disposal Fees		45.00	690.75
		PA. 6% Sales Tax		6.00%	0.00

APPROVED FOR PAYMENT RCM

DATE 10-3-17 DEPT 04-427-459

STREET SWEEPING DEBRIS

1 1/2 per month added after 30 days.

Total $5,761.18

ATTACHMENT # 26

PUBLIC WORKS FACILITIES LIST

LOWER ALLEN TOWNSHIP
INVENTORY OF FACILITIES AND ACTIVITIES WITH POTENTIAL TO GENERATE STORMWATER RUNOFF

	Name	**Location**	**Description**	**Acres**	**Facilities**	**Uses/ Activities**	**Township Operations**	**Potential Pollutants**	**BMPs**
1	Beacon Hill	1525 Capitol View Drive	Neighborhood park	3.4	Play structure; Pavilion	Recreation	Maintenance	Trash	Grass lined swale
2	Radar Site	1612 Lowell Lane	Passive park	8.1	Open space; parking area	Passive recreation	Maintenance	Trash; vehicle drippings	Grass lined swale
3	Beacon Hill Land	Beacon Hill Blvd. At Poplar Avenue	Open field, wooded floodplain	9.7	Open space	Passive recreation	Maintenance	Trash	Riparian buffer
4	Creekwood	150 Creekwood Drive	Neighborhood park	5.6	Picnic tables; trail	Passive recreation; hiking; fishing; parking area	Maintenance	Trash; vehicle drippings	Porous asphalt trail; riparian buffer
5	Allendale	221 Deerfield Road	Neighborhood park	1.2	Pavilion; swing set; play structure; merry-go-round, basketball court	Recreation	Maintenance	Trash	None
6	Highland Park Playground	1301 Chatham Road	Neighborhood park	2.0	Pavilion; picnic tables; tennis court; basketball court; shuffleboard court; play structure; swing set	Recreation	Maintenance	Trash	None

	Name	Location	Description	Acres	Facilities	Uses/ Activities	Township Operations	Potential Pollutants	BMPs
7	Highland Estates Playground	1914 Letchworth Drive	Neighborhood park	0.5	Pavilion; picnic tables; play structure; swing set	Recreation	Maintenance	Trash	None
8	Peters Field	3811 Gettysburg Road	Neighborhood park; regional athletic fields	3.0	Baseball fields; tennis court; basketball court; swing set; slide; pavilion; concession stand; restroom; parking lot	Recreation; youth sports	Maintenance	Trash; vehicles drippings	None
9	Vernon C. Wass Park	301 Wesley Drive	Regional park	10.0	Pavilion; restrooms; play structure; swing set; sand box; picnic tables; softball fields; volleyball court; lighted basketball and tennis courts; walking path; parking lot	Recreation; youth sports	Maintenance	Trash; vehicle drippings	None
10	Sheepford Crossing.	16 Argali Lane	Neighborhood park	1.5	Pavilion; picnic tables; basketball court; swing set; play structure	Recreation	Maintenance	Trash	None
11	Yellow Breeches Park	2050 Sheepford Road	Passive recreation	14.0	Hiking trail; picnic tables; creek access; water trail; community gardens	Recreation; gardening; fishing	Maintenance	Trash	None

	Name	Location	Description	Acres	Facilities	Uses/ Activities	Township Operations	Potential Pollutants	BMPs
12	Lower Allen Community Park (LACP)	4075 Lisburn Road	Regional park; regional sports activities	110.0	Pavilions, play structures, Fun Fort, swing sets; volleyball courts; basketball courts; tennis courts; camp sites; boat ramp; nature trail; fishing pond; soccer fields; softball fields; golf driving range; community “barn” building; parking lots; dog park	Recreation; team athletic functions; group rentals at “barn” and pavilions	Maintenance; community events	Trash; vehicle drippings; pet waste	Stormwater basin; grass-lined swale
13	Windsor Park Triangle	5200 Block Oxford Drive	Neighborhood passive recreation	1.0	None	Recreation	Maintenance	Trash	None
14	Moreland Basin	5400 Block Oxford Drive	Stormwater detention basin	1.0	Basin with outlet structure	None	Maintenance	Trash; vehicle drippings; other material in street runoff	SWM basin; rock filter at outlet structure
15	Sheepford Crossing Basin 1	Sheepford Road at Lisburn Road	Stormwater detention basin	0.5	Basin with outlet structure	None	Maintenance	Trash; vehicle drippings; other material in street runoff	SWM basin; rock filter at outlet structure

	Name	Location	Description	Acres	Facilities	Uses/ Activities	Township Operations	Potential Pollutants	BMPs
16	Sheepford Crossing Basin 2	Ewe Road	Stormwater detention basin	1.0	Basin with outlet structure	None	Maintenance	Trash; vehicle drippings; other material in street runoff	SWM basin; rock filter at outlet structure
17	Public Works Shop	1400 St. Johns Road	Public Works Department Facility	16.2	Office, storage and maintenance building; storage sheds; asphalt pads; parking area; stormwater basins	Vehicle storage and maintenance; material storage; yard waste processing and storage	Building and site maintenance, vehicle storage and maintenance; material storage; yard waste processing and storage	Trash; vehicle drippings; road salt; vehicle maintenance materials and fluids	SWM basins; oil/water separator; salt settling basins
18	Leaf Composting Facility	2750 Yetter Court	Leaf composting facility	4.9	Asphalt pad	Composting leaves collected from throughout the Township	Composting leaves collected from throughout the Township	Trash; vehicle drippings; nutrients from leaf compost	SWM basin
19	LA Fire Station 2	800 Rupp Avenue	Fire station	0.7	Building, parking lot	Office; vehicle and equipment storage	Maintenance	Trash; vehicle drippings	None

	Name	Location	Description	Acres	Facilities	Uses/ Activities	Township Operations	Potential Pollutants	BMPs
20	Spring Lake Colony Lots	Between Orchard Road and Shetter Lane	Vacant wooded lots	1.6	None	None	None	None	None
21	Municipal Services Center	2233 Gettysburg Road	Township office	6.7	Office; vehicle storage; parking lots	Office; police, fire and EMS operations	Office building; parking lot; building and site maintenance	Trash, vehicle drippings	Rain gardens; porous asphalt parking lot; infiltration trench
22	Cedar Spring Run Park	2239 Gettysburg Road	Play area; walking path; restrooms; pedestrian bridge	2.5	Restroom; parking area; walking path; seating area	Recreation	Maintenance	Trash; vehicle drippings	Rain gardens; porous concrete parking area; riparian buffer