



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

For the Reporting Period: March 10, 2016 to March 9, 2017

☒ Annual Report    ☐ Progress Report  
☐ New Permittee    ☐ Renewal Permittee

Due Date: June 8, 2017

### GENERAL INFORMATION

Permittee Name: <b>East Hempfield Township</b>	NPDES Permit No.: <b>PA133632</b>
Mailing Address: <b>1700 Nissley Road PO Box #128</b>	Effective Date: <b>March 2013</b>
City, State, Zip: <b>Landisville, PA 17538</b>	Expiration Date: <b>March 16, 2018</b>
MS4 Contact Person: <b>Robert S. Krimmel</b>	Renewal Due Date: <b>September 17, 2016</b>
Title: <b>Township Manager</b>	Admin. Extended? <input type="checkbox"/> Yes <input type="checkbox"/> No
Phone: <b>717-898-3100</b>	Municipality: <b>East Hempfield Township</b>
Email: <b>Robert@easthempfield.org</b>	County: <b>Lancaster</b>

Co-Permittees (if applicable):

### WATER QUALITY INFORMATION

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

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

Receiving Water Name	Ch. 93 Class.	Impaired?	Cause(s)	TMDL?	WLA?
Little Conestoga Creek	WWF, MF	Yes	Source Unknown - Pathogens	N/A	N/A
Chiques Creek	WWF, MF	Yes	Impaired requiring alt. TMDL-Siltation	N/A	N/A
West Branch Little Conestoga Creek	TSF, MF	Yes	Source Unknown - Pathogens	N/A	N/A
Swarr Run	TSF, MF	Yes	Source Unknown - Pathogens	N/A	N/A
Brubaker Run	WWF, MF	Yes	Source Unknown - Pathogens	N/A	N/A
Millers Run	CWF, MF	Yes	Source Unknown - Pathogens	N/A	N/A

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

N/A

### GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION

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

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

MCM	Contact Name	Phone
#1 Public Education and Outreach on Storm Water Impacts	Jon E Beck	717-898-3100 X231
#2 Public Involvement/Participation	Jon E Beck	717-898-3100 X231
#3 Illicit Discharge Detection and Elimination (IDD&E)	Jon E Beck	717-898-3100 X231
#4 Construction Site Storm Water Runoff Control	Jon E Beck	717-898-3100 X231
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Jon E Beck	717-898-3100 X231
#6 Pollution Prevention / Good Housekeeping	Perry Madonna	717-898-3100 X228

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

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

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

- For new permittees only, attach the written PEOP or a summary thereof to the first report submitted to DEP.
- If you are not a new permittee, did you complete and submit your written PEOP to DEP? ☒ Yes ☐ No  
If Yes, provide the latest submission date: **June 2016**
- Date of last evaluation of or revision to the PEOP: **January 2017**
- What were the plans and goals for public education and outreach for the reporting period?

The Township had three main goals outlined in the PEOP for the 2016/2017 permit year. The goals were: (1) expanding the list of Target audience groups with the addition of "Developer" and Special Interest" groups, (2) Update and reinvestigate priority areas and create new Target audience areas based on the these areas, (3) complete the planned BMP installation project as a public outreach and educational program.

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

Explain the rationale for your answer:

(1) The Township created a "Developer" target audience group and a "Special Interest" target audience group. (2) The Township is in the process of investigating priority areas, as outlined in the PEOP. This goal is on target and considered to be met. (3) The Township did not complete the BMP installation project due to unforeseen delays. Although this goal was not met as planned, the timelines will be adjusted in the PEOP and the project will occur at a later date.

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

The goal for the remainder of the permit term is to fully implement the Township's newly updated storm water management plan (SWMP). The updated SWMP outlines the creation of new target audience groups based on priority areas and the distribution of specialized educational materials based on priority area pollutants.

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

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

1. For new permittees only, attach your target audience list(s) to the first report submitted to DEP.
2. If you are not a new permittee, did you complete and submit your target audience list to DEP? ☐ Yes ☒ No  
If Yes, provide the latest submission date: **(Most target audience groups are large and saved electronically)**
3. Date of last review or revision to target audience list(s): **They are updated frequently. The last update was April 2017.**

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

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

1. For new permittees only, attach your published stormwater educational or informational materials to the first report submitted to DEP.
2. If you are not a new permittee, did you complete and submit your published stormwater educational or informational materials to DEP? ☒ Yes ☐ No  
If Yes, provide the latest submission date: **2014/15 Annual Report**
3. Do you have a municipal newsletter? ☒ Yes ☐ No  
If Yes, how often was it published during the reporting period and what MS4-related material did it contain?  
**The newsletter is published once a year. Information about keeping stormwater and streams clean and illicit discharge identification and reporting was published in the newsletter (see attached).**
4. Do you have a municipal website? ☒ Yes ☐ No (URL: <http://www.easthempfield.org>)  
If Yes, what MS4-related material does it contain?  
**Stormwater information on the Township's website can be found under the tab, "Departments, Planning & Zoning, Stormwater Management (MS4)" (<http://www.easthempfield.org/2189/Stormwater-Management-MS4>).**  
**The website includes:**
  - a general overview of the Township's stormwater mangement plan, NPDES and MS4 permit information and links to the last few annual reports
  - “Quick Reference Links on Stormwater Management” including links to various stormwater related websites.
  - “MS4 Links Page” lists additional links to websites such as EPA and DEP.
  - “What Residents Can do” which lists steps to prevent and report illicit discharges
  - “Reporting a Problem” has a link to the illicit discharge reporting form
  - “Reducing Water Runoff” contains a link to an article about reducing pollution to stormwater
  - “Chiques Creek Watershed” includes information and links to the Chiques Creek re-envisioned project.
  - “Little Conestoga Watershed” contains information and a link to the Little Conestoga Watershed alliance's website.
  - “Lancaster Clean Water Consortium” contains information and a link to the Watershed group's website.



5. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:
  1. The Township has numerous stormwater publications available in the lobby of the municipal building, and educational posters on display.
  2. The Township distributes stormwater literature which each permit issued entitled "What the Construction Industry Should know".
  3. The Township holds an annual MS4 public meeting (See MCM#2 for details).
6. Date of most recent review and/or update to published stormwater educational materials: **January 2017**
7. Identify specific plans for the publication of stormwater materials for the upcoming year:

**The Township is in the process of identifying specific pollutants of concern located within priority areas in the Township. When the pollutants and priority areas are identified, a new target audience group will be created and specific educational materials will be published focusing on the pollutants in these area(s). This is outlined in the PEOP and PIPP as well as the updated stormwater management plan (SWMP).**

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

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

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

1. The Township has numerous stormwater publications available in the lobby of the municipal building, and educational posters on display.
2. The Township distributes stormwater literature which each permit issued entitled "What the Construction Industry Should know".

## MCM #2 – PUBLIC INVOLVEMENT/PARTICIPATION

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

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

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

1. For new permittees only, attach your written PIPP or a summary thereof to the first report submitted to DEP.
2. If you are not a new permittee, did you complete and submit your written PIPP or summary to DEP? ☒ Yes ☐ No  
If Yes, provide the latest submission date: **June 2016 (2015-2016 annual report)**
3. Date of last review and/or update to the PIPP: **January 2017 (review)**

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

**Items a, b and c of the measurable goal were met by the following:**

- a. The public is invited to all stormwater meetings and/or activities in the Township. The Township generally advertises meetings several ways (1) by placing an add in the Legal section of the Lancaster paper in advance of the meeting/event, (2) posting these events on the calendar on the Township website and (3) posting them on the Township social media site. Audience questions and comments are always encouraged at all Township events.
- b. The Township maintains a list of all local watershed groups, regulatory agencies and special interest groups. Methods of routine communication (websites, email, phone, etc) are all included on the list.
- c. Annual reports for the last several years are posted on the township's website (<http://www.easthempfield.org/2189/Stormwater-Management-MS4>). A copy of the report can also be viewed at the Township upon request.

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

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

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

Ordinance No. / SOP Name	Date of Public Notice	Date of Public Hearing	Date Enacted

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

**Measurable Goals:** Conduct at least one public meeting per year to solicit public involvement and participation from target audience groups. The public should be given reasonable notice through the usual outlets a reasonable period in advance of each meeting. During the meetings, you should present a summary of your progress, activities, and accomplishments with implementation of your SWMP, and you should provide opportunities for the public to provide feedback and input. Your presentation can be made at specific MS4 meetings or during any other public meeting. Under this MCM, you should document and report instances of cooperation and participation in your activities; presentations you made to local watershed organizations and conservation organizations; and similar instances of participation or coordination with organizations in your community. You also should document and report activities in which members of the public assisted or participated in your meetings and in the implementation of your SWMP, including education activities or organized implementation efforts such as cleanups, monitoring, storm drain stenciling, or others.

1. Date of the public meeting(s): **February 8, 2017**
2. How were meeting(s) advertised to the public? **An add was placed in the Legal section of the local paper.**
3. Indicate where the meeting(s) were held and the number of attendees:  
**The meeting was held at the Township building, 1700 Nissley Road, Landisville. There were five (5) attendees.**
4. What types of MS4-related activities did you solicit public involvement and participation for?  
**A guest speaker from the Penn State Ag. Extension spoke about the Chiques Creek re-envisioned project and the Township's role in it. There was also a discussion about the current MS4 program and the upcoming goals (see attached agenda).**
5. What MS4-related activities did the public participate in?  
**Litter clean up activities took place on five roadways in the Township.**

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

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

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

1. For new permittees only, attach your written IDD&E program to the first report.
2. If you are not a new permittee, did you complete and submit your written IDD&E program to DEP? ☒ Yes ☐ No  
If Yes, provide the latest submission date: **June 2015**
3. Date of last review and/or update to IDD&E program: **Januray 2017**

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

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

1. Have you completed a map(s) of all outfalls and receiving waters of your storm sewer system? ☒ Yes ☐ No

2. For new permittees only, attach the completed map to the 4<sup>th</sup> year Annual Report.
3. Date of last update or revision to map(s):
4. Total number of discharge points in your storm sewer system that:  
Discharge directly to surface waters (outfalls): **353**  
Discharge to storm sewers owned by others:
5. Total number of outfalls that are mapped at this time: **353**

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

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

1. Have you completed a map(s) that includes roads, inlets, piping, swales, catch basins, channels, basins, municipal boundaries and watershed boundaries? ☒ Yes ☐ No
2. If Yes, is the map(s) on the same map(s) as for outfalls and receiving waters? ☐ Yes ☒ No
3. For new permittees only, attach the completed map to the 4<sup>th</sup> year Annual Report.

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

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

*For all permittees, outfall inspections need to be prioritized according to the perceived chance of illicit discharges within the outfall's contributing drainage area. Observations of each outfall shall be recorded each time an outfall is screened, regardless of the presence of dry weather flow. Proper quality assurance and quality control procedures shall be followed when collecting, transporting or analyzing water samples. All outfall inspection information shall be recorded on the Outfall Reconnaissance Inventory/Sample Collection field sheet excerpted from the Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessments (CWP, October 2004). Adequate written documentation shall be maintained to justify a determination that an outfall flow is not illicit. If an outfall flow is illicit, the actions taken to identify and eliminate the illicit flow also shall be documented.*

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

1. For new permittees only, were at least 40% of all outfalls screened during dry weather? ☐ Yes ☐ No  
  
If Yes for #1, indicate the number screened and the percent of all outfalls it represents. If No for #1, indicate reason(s) why this was not completed:  
  
Are you on pace to screen all outfalls twice during the permit term? ☐ Yes ☐ No
2. For renewal permittees, indicate the percent of outfalls screened during the reporting period: **100%**  
  
Are you on pace to screen all outfalls once during the permit term? ☒ Yes ☐ No

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

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

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

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

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

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

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that prohibits non-stormwater discharges? ☒ Yes ☐ No
- If Yes, indicate the date of the ordinance or SOP: **May 7, 2014**
2. For new permittees only, attach an ordinance (or SOP) and letter from an official, engineer or solicitor that prohibits non-stormwater discharges to the first report submitted to DEP.
3. If you are not a new permittee, did you complete and submit your ordinance (or SOP) and letter from an official, engineer or solicitor that prohibits non-stormwater discharges to DEP? ☒ Yes ☐ No
4. Were there any violations of the ordinance during the reporting period? ☒ Yes ☐ No
- If Yes, describe what enforcement actions were taken for each violation:
- All issues were resolved (see attached)

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

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

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

If Yes, what was distributed?

1. Illicit discharge information is on the Township website (general description and reporting methods).
2. Illicit Discharge information was in the annual newsletter (attached).

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

☒ Yes ☐ No

3. Do you maintain documentation of all responses, action taken, and the time required to take action? ☒ Yes ☐ No

#### **MCM #4 – CONSTRUCTION SITE STORM WATER RUNOFF CONTROL**

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

☒ Yes ☐ No (If No, complete all remaining questions for this MCM; if Yes, skip to MCM #5).

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

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

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

1. For new permittees only, attach the written stormwater associated with construction activities program to the first report submitted to DEP.
2. If you are not a new permittee, did you complete and submit your written stormwater associated with construction activities program to DEP? ☐ Yes ☐ No  
If Yes, provide the latest submission date:
3. Date of last update or revision to the stormwater associated with construction activities program:

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

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

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

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

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

If Yes, provide the latest submission date:



**BMP #3: Develop and implement requirements for construction site operators to control waste at the construction site that may cause adverse impacts to water quality. While sediment is the most common pollutant of concern for MCM #4, there are other types of pollutants that also can be a concern and the intent of this BMP is to address these other types of pollutants, such as, but not limited to, discarded building materials, washout from concrete trucks, chemicals, litter, and sanitary waste.**

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

1. Identify the mechanism(s) in place to regulate construction site operators and wastes produced at construction sites:
2. During the reporting period what has been the results of implementing the mechanism(s) described above?

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

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

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

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

Are you relying on PA's statewide program for MCM #5 BMPs #1 - #3? ☒ Yes ☐ No

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

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

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

1. For new permittees only, attach your written procedure for post-construction management to the first report.
2. If you are not a new permittee, did you complete and submit your written procedure for post-construction management to DEP? ☐ Yes ☐ No

If Yes, provide the latest submission date:

3. Date of last review or update of post-construction management procedure:

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

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

1. Number of development or redevelopment projects in urbanized area during reporting period:
2. Describe the tracking system in place:
3. Describe the structural and/or non-structural BMPs that were required for these projects:

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

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

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

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

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

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

1. Do you have an ordinance (or SOP) to address post-construction stormwater runoff from new and redevelopment projects and does it include sanctions? ☒ Yes ☐ No  
If Yes, indicate the date of the ordinance or SOP: **May 7, 2014**  
For new permittees only, attach a copy of the ordinance or SOP.
2. If you are not a new permittee, has the ordinance (or SOP) been submitted to DEP with a letter from an official, engineer or solicitor that certifies the enactment of an ordinance or SOP for PCSM activities? ☒ Yes ☐ No
3. Do you have authority to take enforcement action for failure to properly operate and maintain stormwater practices/facilities? ☒ Yes ☐ No

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

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

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

1. Identify ordinances enacted or updated during the reporting period to ensure consistency with LID practices:

The Township's Stormwater Management Ordinance, adopted May 2014, §260.13 (General Requirements) states:

(3) To the maximum extent practicable, the techniques for low-impact development (LID) practices described in the BMP Manual shall be incorporated. The proposed LID practices shall be noted on the Stormwater management site plan.

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

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

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

- all PCSM BMPs that were installed to meet requirements in NPDES Permits for Stormwater Discharges Associated with Construction Activities approved since March 10, 2003;
- the exact location of the PCSM BMP (e.g., street address);
- information (e.g., name, address, phone number(s)) for BMP owner and entity responsible for BMP Operation and Maintenance (O&M), if different from BMP owner;
- the type of BMP and the year it was installed;
- maintenance required for the BMP type according to the Pennsylvania Stormwater BMP Manual or other manuals and resources;
- the actual inspection/maintenance activities for each BMP;
- an assessment by the permittee if proper operation and maintenance occurred during the year and if not, what actions the permittee has taken, or shall take, to address compliance with O&M requirements.

1. For new permittees only, attach the written inspection program to ensure that stormwater BMPs are properly operated and maintained.

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

If Yes, provide the latest submission date: **June 2016**

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

**The Township physically inspected about half of all of the BMPs and sent self inspection/certification forms to the other half to verify maintenance.**

4. Date that inspection program was last reviewed or updated: **January 2017**

5. Total number of sites with PCSM BMPs installed as of the date of this report: **67**

6. Total number of sites inspected during this reporting period: **0**

- |                                                                        |
|------------------------------------------------------------------------|
| 7. Number of sites found to have PCSM BMP deficiencies: 0              |
| 8. Number of enforcement actions taken during this reporting period: 0 |

## MCM #6 – POLLUTION PREVENTION / GOOD HOUSEKEEPING

**BMP #1:** Identify and document all facilities and activities that are owned or operated by the permittee and have the potential for generating stormwater runoff to the regulated small MS4. This includes activities conducted by contractors for the permittee. Activities may include the following: street sweeping; snow removal/deicing; inlet/outfall cleaning; lawn/grounds care; general storm sewer system inspections and maintenance/repairs; park and open space maintenance; municipal building maintenance; new construction and land disturbances; right-of-way maintenance; vehicle operation, fueling, washing and maintenance; and material transfer operations, including leaf/yard debris pickup and disposal procedures. Facilities can include streets; roads; highways; parking lots and other large paved surfaces; maintenance and storage yards; waste transfer stations; parks; fleet or maintenance shops; wastewater treatment plants; stormwater conveyances (open and closed pipe); riparian buffers; and stormwater storage or treatment units (e.g., basins, infiltration/filtering structures, constructed wetlands, etc.).

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

1. Have you identified all facilities and activities owned and operated by the permittee that have the potential to generate stormwater runoff into the MS4? ☒ Yes ☐ No
2. When was the inventory last reviewed? **May 2016**
3. When was it last updated? **May 2016**
4. How many new facilities and/or activities were added to this inventory during this reporting period? **0**

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

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

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

1. For new permittees only, attach the written O&M program to the first Annual Report.
2. If you are not a new permittee, did you complete and submit your written O&M program to DEP? ☒ Yes ☐ No  
If Yes, provide the latest submission date: **June 2016**

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

**BMP #3: Develop and implement an employee training program that addresses appropriate topics to further the goal of preventing or reducing the discharge of pollutants from municipal operations to your regulated small MS4s. The program may be developed and implemented using guidance and training materials that are available from federal, state or local agencies, or other organizations. Any municipal employee or contractor shall receive training. This could include public works staff, building / zoning / code enforcement staff, engineering staff (on-site and contracted), administrative staff, elected officials, police and fire responders, volunteers, and contracted personnel. Training topics should include operation, inspection, maintenance and repair activities associated with any of the municipal operations / facilities identified under BMP #1. Training should cover all relevant parts of the permittee's overall stormwater management program that could affect municipal operations, such as illicit discharge detection and elimination, construction sites, and ordinance requirements.**

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

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

1. For new permittees only, attach the written training program to the first Annual Report.
2. If you are not a new permittee, did you complete and submit your written training program to DEP? ☒ Yes ☐ No  
If Yes, provide the latest submission date: **June 2016**
3. Date of last review or update to training program: **May 2016**
4. Identify the date(s) of employee training, the names of attendees, the topics covered, and the training presenters:

### BEST MANAGEMENT PRACTICES (BMPs)

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

#### MS4 TMDL Plan

#### Chesapeake Bay Pollutant Reduction Plan (CBPRP)

Is the permittee required to develop an MS4 TMDL Plan?

☐ Yes ☒ No

Is the permittee required to develop a CBPRP?

☒ Yes ☐ No

What is the status of the TMDL Design Details (if applicable)?

- ☐ Under Development (Due Date: )  
☐ Submitted to DEP (Submission Date: )  
☐ Approved by DEP (Approval Date: )

What is the status of the CBPRP (if applicable)?

- ☒ Under Development (Due Date: **September 2017**)  
☐ Submitted to DEP (Submission Date: )  
☐ Approved by DEP (Approval Date: )

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

**Although the Township has not received a formal approval of coverage for the current permit term, it is acknowledged that they are still covered under the current PAG-13. Because there is no formal permit coverage date, DEP provided an informal waiver of CBPRP requirements. The Township is preparing PRPs for the next permit term beginning in 2018.**

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

## BMP INVENTORY

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

[illegible]



## OTHER REQUIRED REPORT ELEMENTS

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

During the permit year, East Hempfield Township re-developed a comprehensive Stormwater Management Program (SWMP) document that now includes over-arching program goals to guide activities, focus areas, etc. A primary requirement of the SWMP is the periodic and numeric measurement of goals and activities based on Maximum Extent Practicable (MEP) methodology. The Township is currently establishing one quantitative goal associated with long-term O&M of PCSM facilities and BMPs that will be measured by MEP methodology. Other goals of the program (qualitative goals) are focused on capturing and re-organizing necessary data and information through continued field investigations of MS3s and corresponding characterizations of discharges to identify real issues that require attention. This approach will allow the Township to better identify issues and respond with cost-effective approaches based on MEP methodology to improve water quality associated with the primary pollutants of concern.

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

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

**See attached report from the Lancaster County Conservaction District for MCM#4.**

### CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Robert Krimmel

Name of Responsible Official

717-898-3100

Telephone No.



Signature

06/01/2017

Date





# MCM#1 Attachments



## MCM 1: EHT Public Education and Outreach Program (PEOP)

---

East Hempfield Township has developed a Public Education and Outreach Program for the 5 year permit term effective March 2013 through 2018. The Township created the plan with the following objectives in mind:

- Meet the requirements of the Small Municipal Separate Storm Sewer Systems (MS4s) General Permit (PAG-13), Minimum Control Measure (MCM) 1: Public Education and Outreach.
- Communicate appropriate information to target audiences in the Township to help members of our community learn about water pollution prevention and the MS4 program.
- Help the public become aware of actions that individuals and businesses in our community can take to protect and improve water quality in our area.
- The PAG-13 Stormwater Management Program contains specific Best Management Practices (BMPs) that are required by DEP and the EPA to implement the Minimum Control Measures. Each BMP has a Measurable Goal which the Township is required to achieve. The following activities will help East Hempfield Township meet its Measurable Goals for MCM 1.

### Stormwater Public Education and Outreach Activities

These activities will meet the Measurable Goals described under the BMPs (Best Management Practices) for MCM 1.

- 1.1 Annually: The Township's written Public Education & Outreach Program must be reviewed and revised at least annually (and upon receipt of the permit). The PEOP must achieve measurable improvements in the target audience's understanding of the causes and impacts of stormwater pollution and the steps they can take to prevent it, as outlined. This document represents the 5 year written Public Education and Outreach Program.

Action Item: Review this plan annually to identify deficiencies in reaching the goals for the permit year and edit any changes that have been made to the 5 year plan. Any revisions must be sent to DEP for review. Document annual review using form in Appendix 1.1.

*Meets requirements for MCM 1, BMP 1*

- 1.2 Annually: maintain and verify a mailing list of target audience groups within the Township. The Township will review each list annually and add additional lists as needed. The current list for **Permit Years 2016-2017** is divided into the following groups:
- Homeowners
  - Business owners
  - Schools
  - Municipal employees
  - Developers
  - Special Interest Groups/Volunteers



Since the Township has created a general and broad list of target audience groups, current efforts will concentrate on breaking the lists down to be more specific. Creating lists for priority areas, and specific pollutants of concern, such as sediment and nutrients, will be a main focus for the remainder of the permit term (Permit years 2016-2018) as follows:

**Permit year 2016:** Conduct field investigations to confirm existing priority areas and define any additional areas. Identify and note the land uses in these priority areas.

**Permit Year 2017:** Create the target audience group(s) categorized by land use in the priority areas. From this list create determine specific outreach materials that can be distributed in the area(s).

Action item: Review and update the target audience list once a year. Document the review using the form in MCM 1, Appendix 1.2. Attach a copy of the list, if possible, or note the location of electronic files.

*Meets requirements for MCM 1, BMP 2*

1.3. Annually: maintain stormwater and MS4 information on the Township website.

The website should include:

- general stormwater educational information
- a description of the East Hempfield Stormwater Management Program
- information about illicit discharge detection and elimination and links to report illicit discharges (*MCM 3, BMP 6*)
- links to DEP's and EPA's stormwater websites
- MS4 Annual Report (*MCM 2, BMP1*)

Action Item: Review and revise the website once a year. Check educational resources from DEP, EPA and other sources to ensure that information on the website is accurate and up-to-date. Add new information as necessary, including most recent Annual Report. Check to make sure that all links work. Update phone numbers and addresses as necessary. Document the review using the form in MCM 1, Appendix 1.3.

*Meets requirements for MCM 1, BMP 3, part of MCM 2, BMP 3 and part of MCM 3, BMP 6*

1.4. Annually: Publish MS4 and stormwater-related information in the Township Newsletter or via another publication (homeowner or business owner brochures). Include updates about current water-pollution prevention activities in the Township. **Note: this is only required if information is not available on the Township website.**

**Permit Year 2014-2015:** The Township distributed an annual newsletter that included general stormwater information and detailed Illicit Discharge information. The newsletter is also available on the Township website.

**Permit Year 2015-2016, 2016-2017, and 2017-2018:** The Township will continue to cover topics related to stormwater in its upcoming newsletters.

Action Item: Document the newsletter publication using the form in MCM 1, Appendix 1.4. Include a copy of the MS4/stormwater portion of the newsletter or other publication.

*Meets requirements for MCM 1, BMP 3*



- 1.5. Continually: MCM 1, BMP 4 requires that the Township distribute stormwater educational materials using at least two methods each permit year. Distribution options include posters, brochures, fact sheets, advertisements, radio, local cable TV, newspaper articles, bill stuffers, presentation, conferences, meetings, giveaways or storm drain stenciling. The Township's past and planned activities are outlined below:

**Permit Year 2013-2014:** The Township has made several copies of printed materials available at the Municipal Building. This material includes copies of "When it Rains it Drains", "The Homeowner's Guide to Stormwater" and "Backyard Conservation"

**Permit Year 2014-2015:** The Township added a poster entitled: "When you're Fertilizing the Lawn" to the display of stormwater information in the Municipal Building.

**Permit year 2015-2016:** The Township will distribute information regarding illicit discharge detection and reporting to residents in the Township utilizing the "Homeowner" target audience list. Information specific to illicit discharges will be added to the current titles available at the Municipal building or posted on the Township website. The 2016 Township newsletter includes a page dedicated to illicit discharge information.

**Permit year 2017-2018:** The Township is planning the installation of raingardens on municipal property which will serve as stormwater BMPs and as an educational tool to the public. The public will be invited to assist in the planting of the raingardens. When the project is completed the areas will serve as examples to educate the public on how the raingardens function and how homeowners can utilize similar systems on their property.

The Township will also begin to distribute educational materials based on pollutants of concern within the redefined priority areas.

- 1.5.1 Continually: Display stormwater-related poster(s) in public areas of the Township Building in accordance with this PEOP.

Action Item: Once a year, check to make sure that posters "When you're fertilizing the Lawn" and any additional titles are displayed. Use the form in MCM 1, Appendix 1.5.1 to verify the display. Include a copy of the poster.

*Meets requirements for MCM 1, BMP 3*

- 1.5.2 Continually: Display and distribute stormwater-related brochures to the public at the Township Building.

Action Item: Once a year, check to make sure the brochures listed below are displayed and available for the public to take. Update the list as new titles are added:

- The Homeowner's Guide to Stormwater
- Backyard Conservation
- When It Rains It Drains

Use the form in Appendix 1.5.2 to verify the display. Include a copy of the brochure (or a photocopy of the first page).

*Meets requirements for MCM 1, BMP 3*

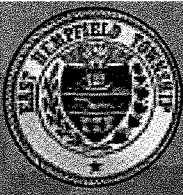


- 1.5.3 Continually: Distribute water pollution fact sheet entitled "What the Construction Industry Should Know" to zoning, building and stormwater permit applicants. Encourage developers to attend pre-application meetings with Township personnel. Make developers aware of the MS4 program and encourage them to use Low Impact Development practices with their projects.

Action Item: Once a year, check to make sure that the "What the Construction Industry Should Know" fact sheet is being distributed to permit applicants. Use the form in Appendix 1.5.3 to verify the distribution. Include a copy of the fact sheet.

*Meets requirements for MCM 1, BMP 4, part of MCM 3, BMP 6, and part of MCM 5, BMP 5*





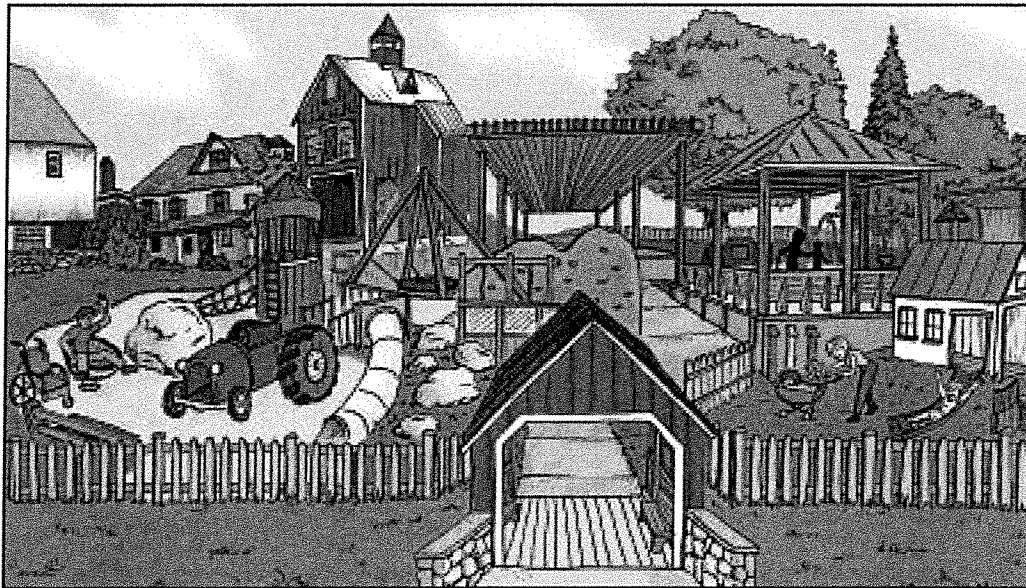
# EAST HEMPFIELD *Township*

Winter 2016/2017 Newsletter

## ***The 'new' Dreampark at A. Herr Park is finished and open for play!***

The planning for this project began in early 2014 with a core group of citizens and the trio of co-chairs, Kristi Newport, Ben Craddock and Bill Keays. The remainder of 2014 was spent selecting a designer (Play by Design) and working with area elementary school students to develop the ideas and activities that you see in the park. The end of 2014, 2015 and 2016 were consumed with many fundraising initiatives, fundraising events and meetings to spread the word. Volunteers made countless phone calls and visits to area businesses seeking donations. The Township was fortunate enough to obtain a DCNR grant of \$250,000 toward project costs. Several build dates were set but then postponed. The official build date was set for September/2016. They say it takes a village to raise a family, it also takes a community to build a playground and the community of East Hempfield certainly supported the project in full force to get this project built. Many, many volunteers (both individuals and businesses) were on site for the build dates. The grand opening for the park occurred October 23, 2016 and was well attended by some very excited children. The Township has heard very positive comments regarding the playground and are very happy to have provided the support to see the project to completion.

*"The community will build the park and the park will build the community"*



Picture Design:  
Erick Hershey

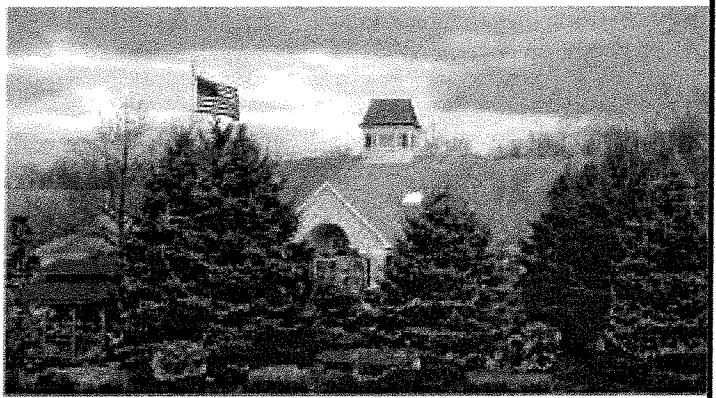
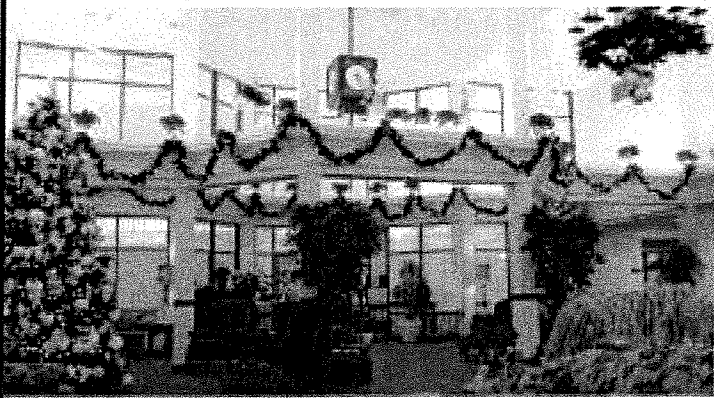
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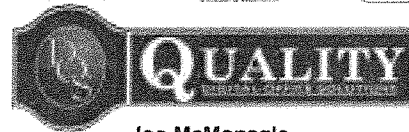
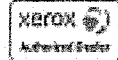
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- Transportation Design
- Stormwater Management
- Land Development Review



**Joe McMonagle**  
President

2969 Old Tree Drive  
Lancaster, PA 17603  
Phone: (717) 293-1950  
Fax: (717) 290-1132

119 Aster Drive, Ste. 104  
Harrisburg, PA 17112  
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Must present coupon. One coupon per customer per order. Please mention coupon before ordering. Excludes alcohol. Not valid with other offers. #H2P-ETN Expires 05/15/2017.



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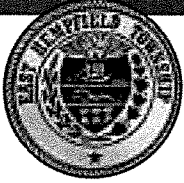
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# East Hempfield Township Administration Building

1700 Nissley Rd, PO BOX 128, Landisville, PA 17538



**Township Manager**  
Robert Krimmel

**Assistant Manager**  
Cindy Schweitzer

**Finance Director**  
Joseph Robinson

**Planning & Development  
Director & Zoning Officer**  
Jon Beck

**Public Works Director**  
Perry Madonna

**Chief of Police**  
Stephen Skiles

**TOWNSHIP MEETINGS** are open to the public and are held at the Township Building at 1700 Nissley Road, Landisville, PA.

Agendas for upcoming meetings are posted on [www.easthempfield.org](http://www.easthempfield.org) or in the Lancaster Newspaper prior to a meeting.

**BOARD OF SUPERVISORS** Meets 1st & 3rd Wednesday usually at 7:00 pm

**TRAFFIC COMMISSION** Meets 3rd Wednesday at 6:15 pm

**PLANNING COMMISSION** Meets 2nd Wednesday at 7:00 pm

**ZONING HEARING BOARD** Meets 3rd Monday at 7:00 pm

**Administration Building Hours: 8:00am - 4:30 pm Monday - Friday, 717-898-3100 • Fax 717-898-9486**

## 2017 CALENDAR OF EVENTS

### January

**Sunday 1: Happy New Year!** Normal trash service this week.

**M - F 9-13:** Christmas Tree recycling - curbside pickup on your normal trash day.

**Friday 27:** Christmas tree drop off at the Township Building ends.

**Monday 16:** Martin Luther King Day - Normal trash service.

### February

**Monday 6:** Garden Plot sign up at the Township Office at 8:00 a.m. is typically the first Monday in February. First come first serve basis.

**Monday 20:** President's Day - Normal trash service.

### March

**Sunday 12:** Daylight Saving's Time - set your clocks ahead one hour.

### April

**Monday 3:** Yard Waste program begins. Bags may be purchased anywhere. The program ends in October.

**M - F 3-7:** Appliance/Tire pick up on your normal trash day. Typically takes place during the first full week in April. Tags must be purchased at the office.

**Monday 10:** Street sweeping begins.

**Friday 14:** Good Friday - Office Closed - Normal trash service.

### May

**Monday 29:** Memorial Day - Office Closed. Trash service delayed by one day this week.

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If your HVAC isn't keeping you warm or is costing too much to run, turn to the experts at Ranck. We go out of our way to make sure your system is working effectively and efficiently. And, when the time comes for a replacement, we'll work with you to make sure you get the best system for your budget.

**888-99-RANCK**



2541 Marietta Ave.  
Lancaster, PA 17601  
[JustCallRanck.com](http://JustCallRanck.com)

PA1962



## GARDEN PLOTS AT THE EHT

Garden plots are available on the Township campus. They are assigned on a first come/first serve basis. Registration will be held on the first Monday in February, 2/6/2017 at 8:00 a.m. Each plot is approximately 20' x 40' and cost \$20 per plot. Watering facilities are available. No phone reservations will be accepted.

## PAVILION RENTAL

Consider hosting your event under the pavilion at the 56 acre Amos Herr Park. Sand volleyball court, basketball courts, baseball fields, soccer fields, bocce court, tennis courts, & "dream park" play area are available. There are twelve picnic tables and two charcoal grills included in the rental fee. Contact the EHT Office for more information.

*The summer months book up quickly!*



## HOLIDAY TRASH DELAYS FOR 2017

- May 29 - Memorial Day
- July 4 - Independence Day
- September 4 - Labor Day
- November 23 - Thanksgiving
- December 25 - Christmas

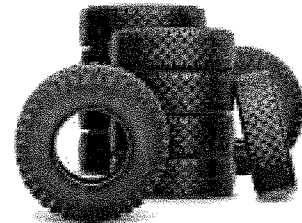
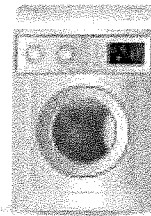
*ALL other holidays for 2017 are on a normal schedule.*



## SPECIAL APPLIANCE & TIRE PICKUP

Will take place during the weeks of  
**April 3 - 7 & November 6 - 10**  
on your normal trash day.

Tags must be purchased at the Township Office.



## NEW STATEMENT BILLING FOR YOUR TRASH SERVICE

Beginning January 1, 2017 your trash bill will take on a different look. In order to offer increased privacy and ease of delivery, the Township will provide residents with a full page statement that will be mailed in a standard envelope instead of a post card. The bank that processes your payments will also change to First National Bank.

**Most aspects of your trash and recycling service will remain the same:**

- Lebanon Farms Disposal will be the designated hauler for East Hempfield Township.
- Your service will be billed quarterly with the option to pay a discounted annual rate in January.

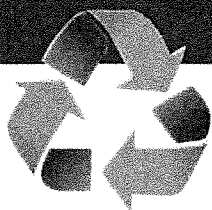
**You will have the same payment options:**

- Mail a check to the post office box as noted on your billing statement.
- Pay in person at the East Hempfield Township Administration Building.
- Pay in person at First National Bank, Centerville Road Branch.
- Pay by credit card or check online via the Township web site (processing fee applies).

Please visit the Township web site at [www.easthempfield.org](http://www.easthempfield.org) to find detailed information regarding your trash, recycling, and yard waste guidelines along with holiday pickup and leaf collection schedules. If you have any questions or concerns please contact the Township Administration Office.



**First National Bank**



## THANK YOU FOR RECYCLING!

Each year the Township is awarded an Act 101 Recycling Program Performance Grant which is based on the amount of recycled materials collected from Township businesses and residences.

The annual grant is typically in the neighborhood of \$69,000. These funds are used to offset the cost of the recycling programs such as curb side pick-up of Christmas trees, leaves, and weekly recycling as well as the purchase of recycling equipment used to perform these services.

*Your past, current and anticipated future efforts are appreciated!*

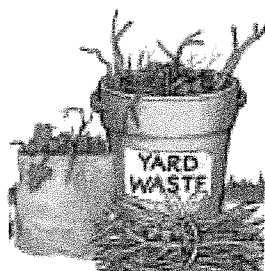
### RECYCLABLE?

**YES**

- Cans - Aluminum / metal food / aerosol
- Glass bottles & jars
- Plastic labeled 1-7
- Junk mail, envelopes, file folders
- Newspapers & inserts, magazines & catalogs
- Office paper – white / colored / computer / paper shipping materials
- Paper towel & toilet paper cores
- Shredded paper – placed in a clear plastic bag
- Telephone books
- Cardboard – flattened or bundled
- Food / cereal boxes (inside wrapper removed)
- Pizza boxes (unsoiled)
- Aluminum foil products

**NO**

- Coat hangers
- Containers from hazardous materials
- Construction debris
- Dishes, coffee cups, drinking glasses, glass cookware
- Plastic bags
- Styrofoam, packaging peanuts
- Scrap Metal / Construction debris
- Take out containers, plastic tableware
- Textbooks
- Tissue or paper towels
- Toys
- Wax coated boxes – milk, juice
- Window glass, mirrors, light bulbs

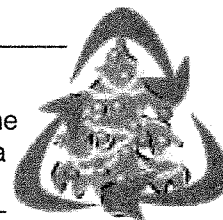


### YARD WASTE SEASON IS APRIL 3RD - OCTOBER 27, 2017

- Bags may be purchased wherever sold. Township bags are 50¢ each.
- Do not mix yard waste in with household trash during yard waste season.
- Bags & bundles cannot exceed 30 pounds each.
- Bundled material tied with twine cannot exceed 4 feet in length.
- If you have a trailer or truck full of yard waste contact your local compost site.

### CHRISTMAS TREE RECYCLING

Trees collected curbside (free of bags, ornaments, garland, etc.) will be picked up during the week of January 9-13 on your normal trash day. Curbside pick up after this week will require a \$4.00 red tag or you may drop it off at the Township Building until Friday, January 27th, 2017.



## COMMERCIAL, INDUSTRIAL, & INSTITUTIONAL RECYCLING

The Pennsylvania Department of Environmental Protection administers the requirements of the Municipal Waste Planning, Recycling, and Waste Reduction Act of 1988 (Act 101), which in turn requires that East Hempfield Township gather and report data on "post-consumer" recyclables that are collected and marketed on an annual basis. Additionally, Commercial, Industrial and Institutional waste generators in the Municipality are required to recycle certain material in accordance with the Township's Waste and Recycling Ordinance that has been in place since June 5, 1990. In addition to the above mentioned recyclable materials, Township Ordinance requires recycling of high grade office paper, corrugated cardboard, tires and large appliances.

If you DO rely on a licensed waste hauler to transport your recyclables, your data is already reported. If you DO NOT rely on your waste hauler to transport some or all of your recyclables, please assist us by completing the Commercial/Industrial/Institutional Annual Recycling Report mailed to you each January. Contact the East Hempfield Township Office for assistance - 898-3100.



## FOUR SEASONS GOLF CLUB AND BANQUET FACILITY

Consider Four Seasons for your next **Golf Outing, Wedding, Anniversary Party, Baby Shower, Birthday Party, Bridal Shower, Business Meeting, Church Event, Graduation Party, School Function, or Holiday Party.** Four Seasons Golf Club has two banquet rooms available for your next special occasion. The window room, which seats 120 guests, offers a beautiful view of the 18-hole golf course. The larger banquet room, can accommodate 250 guests. Both rooms have been renovated in earth tones, perfect colors to coordinate with any decor.

Space is also available outside for a wedding ceremony, which have become very popular at Four Seasons. Bridal parties are also invited to take pictures on the golf course by our ponds.

Four Seasons has several preferred caterers on the list – Enck's Catering, Hess's BBQ, Rettew's Catering, and Acorn Farms. Other caterers are also permitted to use the facility, however some restrictions do apply. Four Seasons does have a liquor license so various beverage packages are available for your event.

Four Seasons Golf Club, which has been owned by East Hempfield Township since 1989, is conveniently located at the corner of Church Street and Stony Battery Road.

For more information on booking an event at Four Seasons, please call the Food & Beverage Manager at (717) 898-0536.



## EMERGENCY CONTACTS UPDATING REQUEST

We need to know if anyone in your household requires any special needs in the event of an emergency. We classify special needs as the following: unable to walk, deaf or blind, has a constant need for oxygen, or any other problem which we may need to be aware of, in the event of an emergency.

If you have a special need, please fill out the form below and send it back to the Township office at the address below.

Thank you,  
Diane Garber, Emergency Management Director

Name: \_\_\_\_\_

Address \_\_\_\_\_

Telephone # \_\_\_\_\_

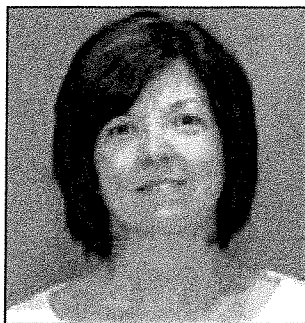
I have the following needs: I am on oxygen \_\_\_\_\_ I am unable to walk \_\_\_\_\_ I am blind \_\_\_\_\_

I am deaf \_\_\_\_\_ Other \_\_\_\_\_

**Please return the form to:** East Hempfield Township - 1700 Nissley Road - P.O Box 128 - Landisville, PA 17538

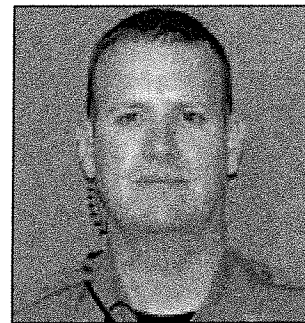


**Please welcome our new hires for 2016 in the police department:**



**Lynn Martin** was hired in January and provides data processing services to the police department. Lynn filled a vacancy left by a retirement. She comes to the Township with a wealth of experience having worked for 10 years at East Cocalico Police Department.

**Stephen Armstrong** was sworn in as an East Hempfield Township police officer in February of this year. He graduated from Cumberland Valley High School, ITT Technical Institute and was previously employed by Lebanon City as a police officer.



## PACKAGE THIEVES: THE GRINCH'S WHO STEAL CHRISTMAS

As the holiday season approaches, individuals are reminded that unsupervised packages left on porches, in driveways, at apartment doors, and in mailboxes are easy targets for thieves and burglars. With nearly half of all 2016 holiday shopping done online, The United Parcel Service (UPS) estimates it will deliver 630 million packages between Black Friday and New Year's Day. The problem is that when the packages are delivered, it is usually when no one is home, leaving the proverbial window wide open for criminals. According to a report from insuranceQuotes.com, an estimated 23 million Americans have had packages stolen from their homes, a figure only expected to increase with the popularity of online shopping.

Packages are typically delivered via the U.S. Postal Service, UPS or FedEx. Stealing mail from the U.S. Postal Service is a federal crime and carries a potential five-year prison sentence and \$250,000 fine. But, if packages are stolen after they are delivered from a private carrier like UPS or FedEx, it is considered property theft. Thieves will often follow UPS and FedEx trucks to homes, wait a few minutes, and then approach the house to steal the package. Most insurance companies have called these thieves "porch pirates," and advise that the packages stolen may be covered under your homeowner's insurance policy. Postal inspectors make nearly 10,000 arrests each year, many for mail theft. Allstate Insurance Company's Holiday Home Hazards poll found that nearly two-thirds of Pennsylvanians have had valuables delivered to their homes when they are not present and eight percent have been victims of package theft.



### RECOMMENDATIONS

- Install cameras on the outside of the home.
- Put inside lights and radios on timers, to give the appearance someone is home.
- Empty trash cans are a clear signal that no one is home. Ask a neighbor to return the empty cans to a designated area.
- Request a specific drop-off time and date.
- Sign up for alerts through the delivery service alerting you to when your package is delivered.
- If you know the date and approximate time of a package delivery, ask a neighbor to pick it up for you.
- Have packages delivered to a local UPS Store.
- Make use of modern technology. There are multiple smartphone applications that allow packages to be tracked.
- Call 9-1-1 if you see something strange and report the tip to authorities with as much detail as possible.

## FIRE COMPANIES APPRECIATE YOUR SUPPORT!

Your donation is an investment in the safety of our township. Large or small, the amount that you contribute will help the members of our Fire Departments maintain their equipment. What better way to show your appreciation for these volunteers!



### Hempfield Fire Department

19 West Main Street  
Landisville, PA 17538  
898-8112  
[www.hempfieldfire.com](http://www.hempfieldfire.com)

### Rohrerstown Fire Company

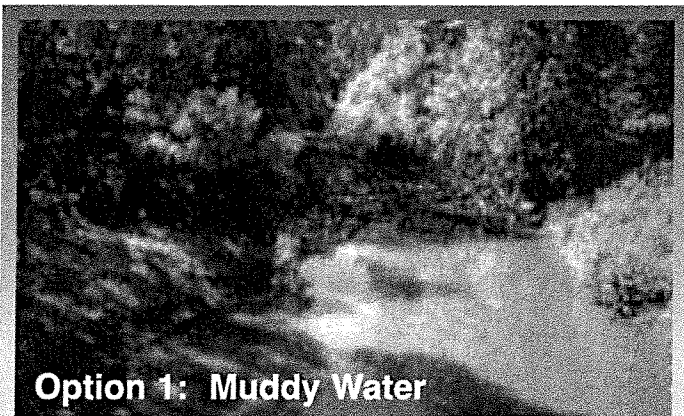
500 Elizabeth Street  
Lancaster, PA 17603  
392-6700  
[www.67fire.com](http://www.67fire.com)

### E. Petersburg Fire Company

6076 Pine Street  
East Petersburg, PA 17520  
569-5035  
[www.epfc23.com](http://www.epfc23.com)

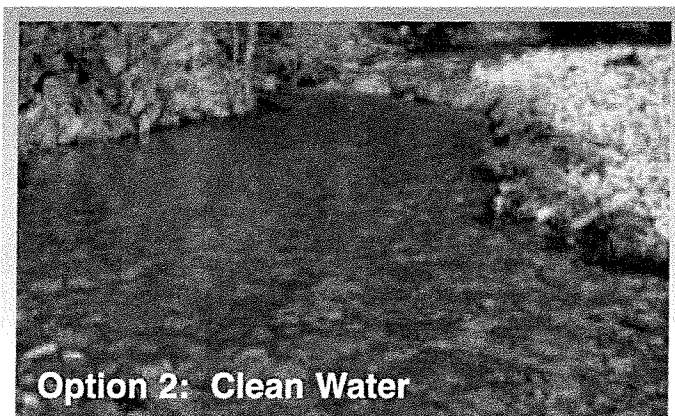
## EAST HEMPFIELD TOWNSHIP MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

### WHICH DO YOU PREFER?



**Option 1: Muddy Water**

- High levels of Sediment
- High levels of Nitrogen
- High levels of Phosphorous
- Not healthy to swim in
- Not healthy to boat in
- Little or no aquatic life



**Option 2: Clean Water**

- Very little Sediment
- Safe levels of Nitrogen
- Safe levels of Phosphorous
- Safe to swim in
- Safe to boat in
- Abundant aquatic life

The streams and creeks which run through East Hempfield Township eventually make their way to the Chesapeake Bay. Cleaning up the Chesapeake Bay is not a quick and easy task to accomplish. However we must do our part, not just because it is the right thing to do, but also because we are mandated by Federal and Commonwealth regulations to do so.

*Please do your part to keep out waterways as clean as possible.*

- |                                                     |                                                     |
|-----------------------------------------------------|-----------------------------------------------------|
| • Don't litter                                      | • Dechlorinate pool water before draining           |
| • Keep lawn fertilizers and pesticides to a minimum | • Get a rain barrel                                 |
| • Properly dispose of pet waste                     | • Plant trees                                       |
| • Do not put anything in storm inlets               | • Create a rain garden                              |
| • Prevent exposed soil by planting groundcover      | • Use native plants for landscaping                 |
| • Wash your car at the car wash                     | • Make sure downspouts drain to grass, not pavement |

More information can be found on our website at [www.easthempfield.org](http://www.easthempfield.org) or by contacting the East Hempfield Township Planning Department.

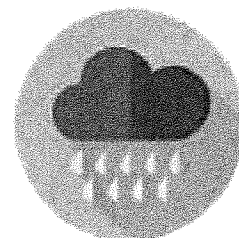
## STORMWATER MANAGEMENT / MS4

### ILLICIT DISCHARGE

**Any discharge into a storm sewer system that is not composed entirely of stormwater.**

#### EXAMPLES:

- |                          |                                |
|--------------------------|--------------------------------|
| • Chlorinated pool water | • Oil from vehicles Pesticides |
| • Household chemicals    | • Pet waste                    |
| • Industrial fluids      | • Septic tank waste            |

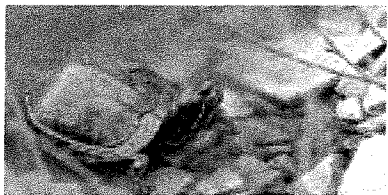


#### WHAT DO I DO?

Report suspected illicit discharges to the Township as soon as possible by calling 898-3100 or completing an illicit discharge form available on the website at [www.easthempfield.org](http://www.easthempfield.org)



## HELPING YOUR LOCAL ENVIRONMENT JUST GOT EASIER!

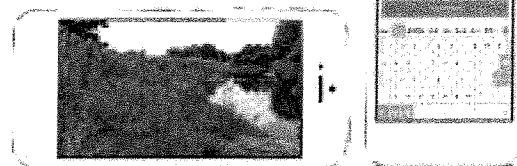


**D**o you enjoy viewing wildlife, fishing, taking nature walks, paddle sports, and other streamside activities? Consider becoming a citizen scientist. You can help observe our changing environment while doing the outside activities you already love. The only tool you need is a pencil or your smartphone.

First Investigation of Stream Health (FISH) helps you to see how local streams and the habitats around them are changing over time. Until now, it was only available to download and print. Now, thanks to our partner, Chesapeake Commons, an environmentally focused app developer, there is a free smartphone app that allows you to record your observations quickly and easily.

FISH is a simple, family-friendly activity that asks easy to answer questions about what you see around a stream. What you record with FISH helps you and others understand how the health of the stream habitat is changing over time.

Stream sections that have recently been restored; cleared of invasive plants, had trees planted along the bank, had livestock fenced out, or other projects, are the most likely to see dramatic change over time. FISH can encourage new landowners to restore their property when positive changes are recorded at a neighboring project site, according to Penn State AEC Director Matt Royer. "High deer populations, excellent fishing, and new birds at the bird feeder can be huge motivators for landowners," he says. To get started recording data on your stream or at a public access site, visit [www.fishprotocol.org](http://www.fishprotocol.org).



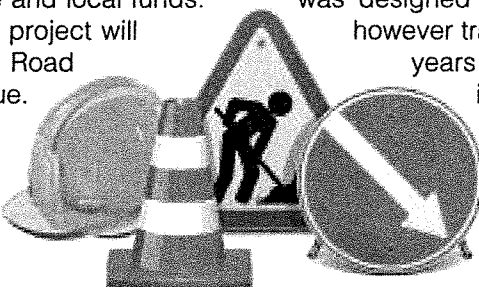
## ROAD IMPROVEMENTS

**Centerville Road Interchange improvements** - This project is a collaborated effort between PennDOT and the Township which will utilize federal, state and local funds. In addition to the interchange work, the project will also include the widening of Centerville Road from Columbia Avenue to Marietta Avenue. Preliminary design work continues with construction anticipated in 5-6 years.

**Centerville Road improvements (Marietta Avenue to the Centerville School)** - This project will address storm water and travel lane improvements in the corridor between Spring Valley Road and Bunny Drive. All rights-of-way have been acquired and construction is scheduled for Spring 2017.

**Marietta Avenue resurfacing** is a PennDOT projected slated for early Spring of 2017.

**Embassy Drive road extension** to Running Pump is a developer project. It is anticipated this project will be completed in 2017.



**Noll Drive at Running Pump intersection** has been a concern of residents and the Township. The intersection was designed and built as a signalized intersection however traffic warrants will not be met for several years which would allow the Township to install the signal. In the meantime the intersection was reconfigured to provide a stop on Running Pump, making Noll Drive a through roadway. This has raised safety concerns and the Township is working with a developer to create a round-about in this intersections. Work on the round-about should be occurring later in 2017 or 2018.

**State Road Interchange Improvements** - Planning and design work continues on this project with an anticipated construction timeline of 2018. The temporary traffic signals do make the intersection safer but also create some traffic congestion during peak traffic flow.



### THANK YOU TO THE BUSINESSES!

**E**ast Hempfield Township would like to thank the businesses that appear in this newsletter and to recognize them each as supporters and cornerstones of our community. For it is with their contributions that this newsletter has been produced at no charge to our residents.



## HEALTH WELLNESS FUN

(717) 898-3102

[www.hempfieldrec.com](http://www.hempfieldrec.com)



## A SAFER, MORE EFFICIENT LEFT TURN SIGNAL: FLASHING YELLOW ARROWS

The Pennsylvania Department of Transportation (PennDOT) is implementing a new type of traffic signal to provide a safer, more efficient left turn for motorists. The flashing yellow arrow indication is a new type of display that will replace the circular green indication for left turns at signalized intersections.

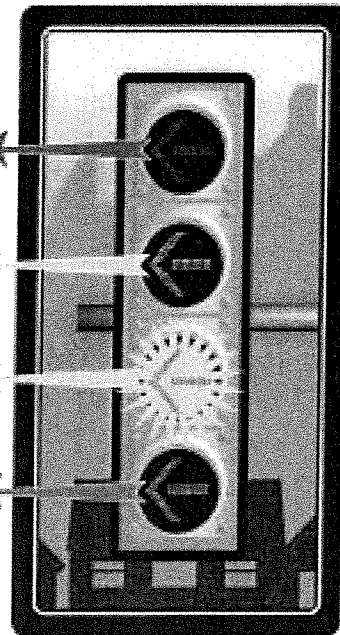
### Benefits of Flashing Yellow Arrow

- More intuitive to motorists
- According to national data, can reduce left-turn crashes as much as 20%
- Keeps traffic moving by offering motorists more opportunities to make left turns
- Consistency with other states adopting the signal

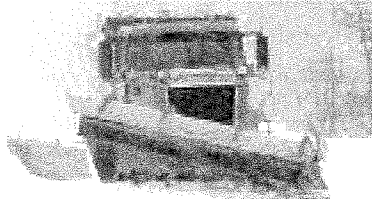
The flashing yellow arrow is a new type of signal placed over the left turn lane at a signalized intersection. A flashing yellow arrow means YIELD to oncoming traffic and pedestrians and then proceed with caution. This indication replaces the common circular green indication for left turns.

You will see these signals along Rohrerstown Road at Embassy and at Noll Drives.

- Steady Red Arrow**  
*Drivers turning left must stop and wait.*
- Steady Yellow Arrow**  
*Drivers turning left should prepare to stop.*
- Flashing Yellow Arrow**  
*Drivers turning left may proceed after yielding to oncoming traffic and pedestrians.*
- Steady Green Arrow**  
*Drivers turning left have the right-of-way. Proceed with left turn.*



## SNOW PLOWING & MAILBOXES



Please inspect the condition of your mailbox. The plowed snow may knock over a mailbox that is unstable. The Township will not replace a mailbox that is not directly hit by its trucks.



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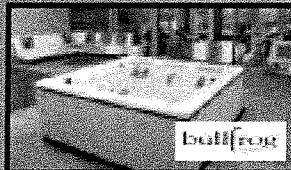
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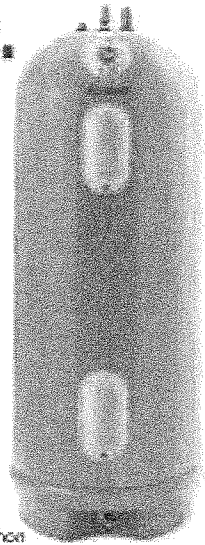
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## TELEPHONE CONTACTS

**AREA CODE IS 717 UNLESS OTHERWISE NOTED**

City of Lancaster Water Authority: 291-4711

Comcast: 1-800-934-6489

District Justice: 735-2288

EHT Municipal Building: 898-3100

EHT Police Department: 898-3103

Four Seasons Golf Course: 898-0104

Four Seasons Banquet Facility: 898-0536

Health Department (State): 1-877-724-3258

Hempfield Fire Department: 898-8112

Hempfield Recreation: 898-3102

Hempfield School District Tax Office (Fall Real Estate):  
898-5565

Hempfield School District: 898-5564

Hempfield Water Authority: 898-8231

LanCo Chamber of Commerce: 397-3531

LanCo Tax Assessment Office: 299-8381

LanCo Tax Collection Bureau  
(Income & Local Service): 569-4521

LanCo Treasurer's Office  
(Spring Tax): 299-8222

LanCo Solid Waste Management  
Authority: 397-9968

LanCo SPCA: 917-6979

Landisville Pool: 898-1983

Landisville Post Office: 898-8812

Lancaster Area Sewer Authority: 299-4843

PA One Call System: 1-800-242-1776

PennDot (state roads): 1-800-349-7623

Poison Control: 1-800-222-1222

PP & L: 1-800-342-5775

Recorder of Deeds: 299-8238

Rohrerstown Fire Company: 392-6700

Sheriff (County): 299-8200

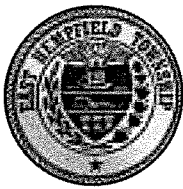
Susquehanna Valley EMS: 435-8101

UGI: 1-800-276-2722

Verizon: 1-800-837-4968







## East Hempfield Township

1700 Nissley Rd, PO BOX 128  
Landisville, PA 17538

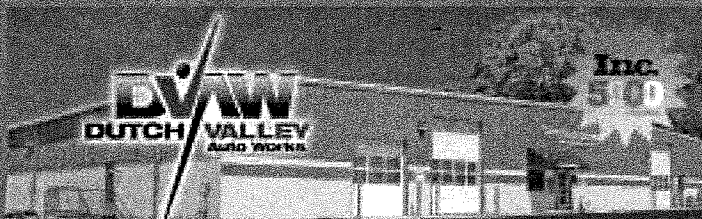
PRSRT STD  
U.S. POSTAGE  
**PAID**  
HARRISBURG, PA  
PERMIT NO. 609

Winter 2016/2017 Newsletter



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ASE I-CAR Body Shop 717-394-6278  
Fax 717-394-6651

## Charles & ASSOCIATES REAL ESTATE, Inc.

26 Millersville Road, Lancaster, PA 17603  
(717) 299-2100  
Lancasterhometeam.com

Jill Strodoski  
(717) 515-1098

Harry Loshnowsky  
(717) 314-1147

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also provides other business consulting for  
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# MCM#2 Attachments



## MCM 2: EHT Public Involvement/Participation Program (PIPP)

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East Hempfield Township has developed a Public Involvement and Participation Program (PIPP) for the permit term effective March 2013 through 2018 with the following objectives in mind:

- Meet the requirements of the Small Municipal Separate Storm Sewer Systems (MS4s) General Permit (PAG-13), Minimum Control Measure (MCM) 2: Public Involvement / Participation.
- Provide opportunities for the public to participate in the Township's decision-making processes regarding development and implementation of MS4 and stormwater-related ordinances and programs.
- Establish methods of routine communication with community conservation and environmental groups.
- Communicate the Township's efforts at meeting the PAG-13 requirements by making annual reports available to the public.

The PAG-13 Stormwater Management Program contains specific Best Management Practices (BMPs) that are required by DEP and the EPA to implement the Minimum Control Measures. Each BMP has a Measurable Goal which the Township is required to achieve. The following activities will help East Hempfield Township meet its Measurable Goals for MCM 2.

### Stormwater Public Involvement and Participation Activities

These activities will meet the Measurable Goals described under the BMPs (Best Management Practices) for MCM 2.

- 2.1 Annually: The Township's written Public Involvement and Participation Program (PIPP) must be reviewed and revised at least annually and upon receipt of the permit. The PIPP provides methods of encouraging the public's involvement and of soliciting the public's input for the Township's Stormwater Management Program for the 5 year permit term.

Action Item: Revise and update the PIPP annually to identify deficiencies and establish goals for the next year. Document annual review using form in MCM 2, Appendix 2.1.

*Meets Requirements for MCM 2, BMP 1*

- 2.2 Annually: Maintain and verify a contact list for local groups such as watershed associations, environmental advisory committees, and other environmental and non-environmental organizations. Include name of main contact person, phone, email, mailing address, and normal method of communication (ie, phone, email, social media, etc).

Action Item: Review and update contact list once a year. Document the review using the form in MCM 2, Appendix 2.2. Attach a copy of the contact list, if possible, or note the location of electronic files.

**Permit Year 2014-2015:** The contact list was updated to include all local watershed organizations and regulatory agencies. The Township maintains a relationship with several watershed organizations and has invited them to participate in their annual public meetings.

**Permit Year 2015-2016:** The Township has added the Penn State Agriculture and Environment Center to the contact list. The Township's upcoming BMP installation project will include



volunteers from the Center, as well as local residents.

**Permit Year 2016-2018:** The Township will update and add additional contacts made during the installation of Raingardens at the Municipal Building. The list may include new contacts such as Boy and Girl Scout Groups, and additional Penn State or other educational organization contacts.

**Permit Year 2017-2018:** The Township plans to utilize schools to advertise the annual public meetings to a larger audience. Updated contacts for local schools will be added to the list upon the outreach.

*Meets Requirements for MCM 2, BMP 1b*

- 2.3 Annually: Publish the MS4 Annual Report on the Township Website.

Action Item: Document publication of the Annual Report on the form in MCM 1, Appendix 1.

*Meets Requirements for MCM 2, BMP 1c*

- 2.4 Annually: Hold a public meeting to report progress on implementation of the Stormwater Management Program (SWMP), solicit input and participation from the public, discuss the PIPP and SWMP, and determine what changes, if any, should be made to the PIPP or to the SWMP.

The agenda for the annual meeting should include these topics:

- Summary of progress, activities, and accomplishments related to implementation of the Stormwater Management Program (SWMP)
- Goals for the SWMP in the next year
- Request for public reporting of suspected illicit discharges
- Opportunity for feedback and input from the public concerning the SWMP.
- Possible revisions to the SWMP.

**Permit Year 2014-2015:** A speaker from the Lancaster Clean Water Consortium spoke at the annual public meeting in February 2015 about upcoming stream projects in the Township.

**Permit Year 2015-2018:** Continue to invite past speakers and new speakers to the annual public meeting concerning local projects. Discuss any upcoming Township projects (such as the raingarden installation) to encourage public support.

Action Item: Advertise the annual meeting to appropriate target audience groups (see MCM 1). Document all advertisements using MCM 2, Appendix 2.4.1. Document the meeting using the form in MCM 2, Appendix 2.4.2.

*Meets Requirements for MCM 2, BMP 3*

- 2.5 Continually: Invite the public to be present and participate in meetings where MS4-related topics will be discussed, especially prior to adoption of any proposed MS4 Stormwater Management Ordinance. Advertise meetings to appropriate target audience groups.

Action Item: Document all advertisements using the form in MCM 2, Appendix 2.5.1. Document the meetings using the form in MCM 2, Appendix 2.5.2.

**Permit years 2015-2018:** Explore new ways to advertise the meetings. Contacts on social media, schools and other Township events will be added to target audience lists.

*Meets Requirements for MCM 2, BMP 1, 2, 3*



- 2.6 Continually: Invite target audiences (see MCM 1.2) to participate in Township stormwater management activities, including meetings, educational activities, and organized implementation including cleanups, monitoring, storm drain stenciling, etc. Assist the public in their stormwater and water pollution efforts.

**Permit Year 2014-2015:** The Township had a guest speaker from the Lancaster Clean Water Consortium speak at the annual meeting in regards to upcoming stream improvement projects in the Township which the public will be invited to participate in.

**Permit Year 2017-2018:** The Township is planning a stormwater improvement project for the installation of raingardens on municipal property. The public, including homeowners, business owners, local boy and girl scouts and other special interest groups will be invited to assist in the plantings of these raingardens during construction.

**Permit Year 2016-2018:** In addition to the raingarden project, the Township will devise an action plan to develop and implement additional activities for public participation. The plan will be devised on or near the beginning of the 2016 permit term (March). The plan is to participate in an activity with a local watershed group from the contact list (such as a stream clean up or restoration) and/or a road side clean up event with local volunteer organization(s). As part of the action plan specific outreach methods, depending on the project, will be outlined to encourage interest and participation with existing target audiences.

Action Item: Document Township-sponsored stormwater events using the form in MCM 2, Appendix 2.6.

*Meets Requirements for MCM 2, BMP 1, 2, 3*

- 2.7 Continually: Document attendance or presentations by Township officials and staff at local watershed and conservation meetings and events. (MCM 2, BMP 3)

Action Item: Document Township participation in stormwater events held by other groups using the form in MCM 2, Appendix 2.6.

*Meets Requirements for MCM 2, BMP 3*



**PROOF OF PUBLICATION NOTICE IN**

State of Pennsylvania}  
                                          } ss:  
County of Lancaster}



Penny L. Stauffer of the County and State aforesaid, being duly sworn, deposes and says that the LNP, a daily newspaper of general circulation published at Lancaster, County and State aforesaid, was established 1794-1877 since which date said daily newspaper has been regularly issued in said county, and that a copy of the printed notice or publication is attached hereto exactly the same as was printed and published in the regular editions and issues of said daily newspaper on the following dates:

30<sup>TH</sup> DAY OF JANUARY AND THE 1<sup>ST</sup> DAY OF FEBRUARY 2017

Affiant further deposes that she is the Clerk duly authorized by the LNP Media Group, Inc., a corporation, publisher of said LNP, a newspaper of general circulation, to verify the foregoing statement under oath, and also declares that affiant is not interested in the subject matter of the aforesaid notice or advertisement and that all allegations in the foregoing statement as to time, place and character of publication are true.

**EAST HEMPFIELD TOWNSHIP PUBLIC MEETING NOTICE: MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4 PROGRAM)**  
East Hempfield Township will hold a public meeting on Wednesday, February 8, 2017 from 6:30 P.M. to 7:00 P.M. to discuss and to provide updates and information on its MS4 program. The meeting will occur at the Township Municipal Building, 1700 Nissley Road, Landisville, PA 17538. The Township invites all members of the public to attend.

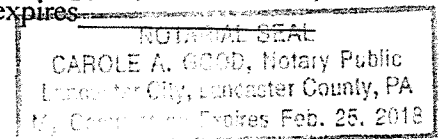
A handwritten signature in cursive script.  
(Signature)

**COPY OF NOTICE OF PUBLICATION**

Sworn and subscribed to before me this  
1<sup>ST</sup> DAY OF FEBRUARY 2017

A handwritten signature in cursive script.  
Notary Public

My commission expires \_\_\_\_\_ Commonwealth of Pennsylvania



**EAST HEMPFIELD TOWNSHIP  
Municipal Separate Storm Sewer System (MS4)  
2016-2017 Annual Public Meeting  
AGENDA**

East Hempfield Township  
1700 Nissley Road  
Landisville, PA 17538  
(717) 898-3100

February 8, 2017

6:30 p.m.

1. Open Meeting
2. Public Questions/Comment
3. Kristen Kyler, Penn State Ag. Extension
  - a. Chiques Creek Reenvisioned
4. Township Staff
  - b. 2016-2017 MS4 Report & 2018-2023 MS4 Forecast
    - Jon E. Beck, Director of Development Services
    - RAV
    - Land Studies
5. Adjournment

**MS4**

## SWMP Annual Meeting February 8, 2017

## Attendance Sheet

[illegible]



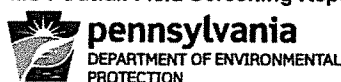
# MCM#3 Attachments

## Mapping



# MCM#3 Attachments

Outfall Inspections (dry weather flows)



## MS4 OUTFALL FIELD SCREENING REPORT

### BACKGROUND INFORMATION

Permittee Name: <b>East Hempfield Township</b>	NPDES Permit No.: <b>PAG133632</b>
Date of Inspection: <b>12/23/16</b>	Outfall ID No.: <b>64</b>
Land Uses in Outfall Drainage Area (Select All):  <input type="checkbox"/> Industrial <input type="checkbox"/> Urban Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Suburban Residential <input checked="" type="checkbox"/> Open Space <input type="checkbox"/> Other:	Latitude: <b>40° 02' 46.07"</b>
	Longitude: <b>-76° 22' 20.74"</b>
	Dry Weather Inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Date of Previous Precipitation: <b>12/18/16</b>
	Amount of Previous Precipitation: <b>0.21 in</b>
Inspector Name(s): <b>Mike LaSala</b>	Were Photographs Taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Are Photographs Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Circular <input type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other <input type="checkbox"/> Other	Diameter: _____ in	<input type="checkbox"/> In Water <input type="checkbox"/> With Sediment
<input checked="" type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input checked="" type="checkbox"/> Other	Depth: <b>~36 in</b> Top Width: <b>~56" in</b> Bottom Width: <b>~30"</b>	

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.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No (If Yes, No. Samples: \_\_\_\_\_)

### FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

### ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

**Groundwater infiltration in ditch/swale beds "upstream"**

### RESPONSIBLE OFFICIAL CERTIFICATION

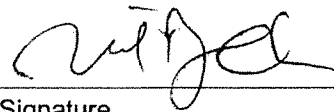
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Michael T. LaSala

Responsible Official Name

717-627-4440

Telephone No.



Signature

2/20/17

Date



## MS4 OUTFALL FIELD SCREENING REPORT

### BACKGROUND INFORMATION

Permittee Name: <b>East Hempfield Township</b>	NPDES Permit No.: <b>PAG133632</b>
Date of Inspection: <b>6/21/16</b>	Outfall ID No.: <b>100</b>
Land Uses in Outfall Drainage Area (Select All): <input type="checkbox"/> Industrial <input type="checkbox"/> Urban Residential <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Suburban Residential <input checked="" type="checkbox"/> Open Space <input type="checkbox"/> Other:	Latitude: <b>40° 03' 18.14"</b>
	Longitude: <b>-76° 21' 14.93"</b>
	Dry Weather Inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Date of Previous Precipitation: <b>6/16/16</b>
	Amount of Previous Precipitation: <b>1.05 in</b>
Inspector Name(s): <b>Mike LaSala</b>	Were Photographs Taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Are Photographs Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Circular <input type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other <input type="checkbox"/> Other	Diameter: _____ in	<input type="checkbox"/> In Water <input type="checkbox"/> With Sediment
<input checked="" type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input checked="" type="checkbox"/> Other	Depth: <b>~18"</b> in Top Width: <b>~36"</b> in Bottom Width: <b>~30"</b>	

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.



Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No (If Yes, No. Samples: \_\_\_\_\_)

### FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

### ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

Groundwater infiltration and pump from west of the adjacent subdivision

### RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Michael T. LaSala

Responsible Official Name

717-627-4440

Telephone No.

Signature

2/20/17

Date



## MS4 OUTFALL FIELD SCREENING REPORT

### BACKGROUND INFORMATION

Permittee Name: <b>East Hempfield Township</b>	NPDES Permit No.: <b>PAG133632</b>
Date of Inspection: <b>6/21/16</b>	Outfall ID No.: <b>118</b>
Land Uses in Outfall Drainage Area (Select All):	Latitude: <b>40° 3' 42.76"</b>
<input type="checkbox"/> Industrial <input type="checkbox"/> Urban Residential	Longitude: <b>-76° 21' 47.37"</b>
<input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Suburban Residential	Dry Weather Inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Open Space <input type="checkbox"/> Other:	Date of Previous Precipitation: <b>6/16/16</b>
	Amount of Previous Precipitation: <b>1.05 in</b>
Inspector Name(s): <b>Mike LaSala</b>	Were Photographs Taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Are Photographs Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Circular <input type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other <input type="checkbox"/> Other	Diameter: _____ in	<input type="checkbox"/> In Water <input type="checkbox"/> With Sediment
<input checked="" type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input checked="" type="checkbox"/> Other	Depth: <b>~18</b> in Top Width: <b>~24"</b> in Bottom Width: <b>~15"</b>	

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.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No (If Yes, No. Samples: \_\_\_\_\_)

### FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

### ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

Adjacent spring-fed pond feeds drainage ditch/swale

### RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Michael T. LaSala

Responsible Official Name

717-627-4440

Telephone No.

Signature

2/20/17

Date



## MS4 OUTFALL FIELD SCREENING REPORT

### BACKGROUND INFORMATION

Permittee Name: <b>East Hempfield Township</b>	NPDES Permit No.: <b>PAG133632</b>
Date of Inspection: <b>6/21/16</b>	Outfall ID No.: <b>122</b>
Land Uses in Outfall Drainage Area (Select All):  <input type="checkbox"/> Industrial <input type="checkbox"/> Urban Residential <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Suburban Residential <input type="checkbox"/> Open Space <input type="checkbox"/> Other:	Latitude: <b>40° 03' 43.04"</b>
	Longitude: <b>-76° 21' 55.56"</b>
	Dry Weather Inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Date of Previous Precipitation: <b>6/16/16</b>
	Amount of Previous Precipitation: <b>1.05 in</b>
Inspector Name(s): <b>Mike LaSala</b>	Were Photographs Taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Are Photographs Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other <input type="checkbox"/> Other	Diameter: <b>36</b> in	<input type="checkbox"/> In Water <input type="checkbox"/> With Sediment
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth: _____ 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.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No (If Yes, No. Samples: \_\_\_\_\_)

### FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

### ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

**Able to trace back to apparent groundwater/spring infiltration**

### RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Michael T. LaSala

Responsible Official Name

717-627-4440

Telephone No.

Signature

2/20/17

Date



## MS4 OUTFALL FIELD SCREENING REPORT

### BACKGROUND INFORMATION

Permittee Name: <b>East Hempfield Township</b>	NPDES Permit No.: <b>PAG133632</b>
Date of Inspection: <b>10/19/16</b>	Outfall ID No.: <b>269</b>
Land Uses in Outfall Drainage Area (Select All): <input type="checkbox"/> Industrial <input type="checkbox"/> Urban Residential <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Suburban Residential <input checked="" type="checkbox"/> Open Space <input type="checkbox"/> Other:	Latitude: <b>40° 05' 12.10"</b> Longitude: <b>-76° 23' 39.78"</b> Dry Weather Inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date of Previous Precipitation: <b>10/13/16</b> Amount of Previous Precipitation: <b>0.01 in</b>
Inspector Name(s): <b>Mike LaSala</b>	Were Photographs Taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Are Photographs Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Circular <input type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other <input type="checkbox"/> Other	Diameter: _____ in	<input type="checkbox"/> In Water <input type="checkbox"/> With Sediment
<input checked="" type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input checked="" type="checkbox"/> Other	Depth: <b>~24"</b> in Top Width: <b>~120"</b> in Bottom Width: <b>~96"</b>	

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.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No (If Yes, No. Samples: \_\_\_\_\_)

### FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

### ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

**Able to trace to groundwater/spring infiltration up the road/hill**

### RESPONSIBLE OFFICIAL CERTIFICATION

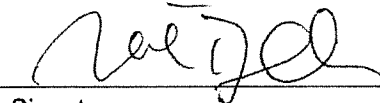
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Michael T. LaSala

Responsible Official Name

717-627-4440

Telephone No.



Signature

2/20/17

Date



# MCM#3 Attachments

## Illicit Discharge Complaints



**CITIZEN COMPLAINT  
ILLCIT DISCHARGE REPORTING FORM**

Name: Anonymous Contact Phone Number: N/A

Date: 10-12-16 Time Discharge Discovered: \_\_\_\_\_

Date of Last Rain Event: \_\_\_\_\_ Estimated Quantity of Rain: \_\_\_\_\_ in.

LOCATION OF DISCHARGE (indicate nearby street intersections, addresses, and/or landmarks for reference): Behind 1007 Harriett

WHERE WAS DISCHARGE FOUND? OPEN DITCH ☐ STREAM ☐ PIPE OUTFALL ☐ OTHER: \_\_\_\_\_

WAS WATER FLOW OBSERVED? ☐ NO ☐ YES

WAS FLOW SOLID OR PULSING? ☐ SOLID ☐ PULSING

WAS A PHOTO TAKEN? ☐ NO ☐ YES (Please attach a copy to form)

ODOR: ☐ NONE ☐ MUSTY ☐ SEWAGE ☐ ROTTEN EGGS ☐ SOUR MILK ☐ OTHER: \_\_\_\_\_

COLOR: ☐ CLEAR ☐ RED ☐ YELLOW ☐ BROWN ☐ GREEN ☐ GREY ☐ OTHER: \_\_\_\_\_

CLARITY: ☐ CLEAR ☐ CLOUDY ☐ OPAQUE

WAS THERE AN: OILY SHEEN ☐ YES ☐ NO  
GARBAGE/SEWAGE ☐ YES ☐ NO  
OTHER: \_\_\_\_\_

**MS4**

ADDITIONAL INFORMATION TO ASSIST IN THE INVESTIGATION: \_\_\_\_\_


Business placing debris in stormwater swale.

Follow up Investigation (to be completed by GCD staff)			
OUTFALL NO:	INSPECTOR NAME	PHONE	
<b>FIELD ANALYSIS:</b>			
WATER TEMP:	°F / °C	CHLORINE (Total):	mg/l
pH:		COPPER:	mg/l
PHENOL:	mg/l	DETERGENTS:	mg/l
WAS A LABORATORY SAMPLE COLLECTED?		NO	YES
(If yes attach copy of chain-of-custody record)			
<b>COMMENTS:</b>			
DATA SHEET FILLED OUT BY: (signature)		DATE:	
Additional notes to file			
Follow-up with Complainant:			

TO: ILLICIT DISCHARGE FILE  
FROM: JON BECK, ZONING OFFICER/ASST. SWM OFFICER  
SUBJECT: ILLICIT DISCHARGE – 3115 – 3125 NOLT ROAD  
DATE: October 14, 2016

Date/Time: Wednesday, October 12, 2016 at approximately 14:00

Weather: Sunny, with scattered clouds, no rainfall in the past 24 hours

Person Present: Jon Beck – East Hempfield Township Zoning Officer/Asst. SWM Officer 

Test Kit(s) Used: N/A  
Testing Method: Site Inspection

Procedure: Inspected area for possible dumping in drainage area

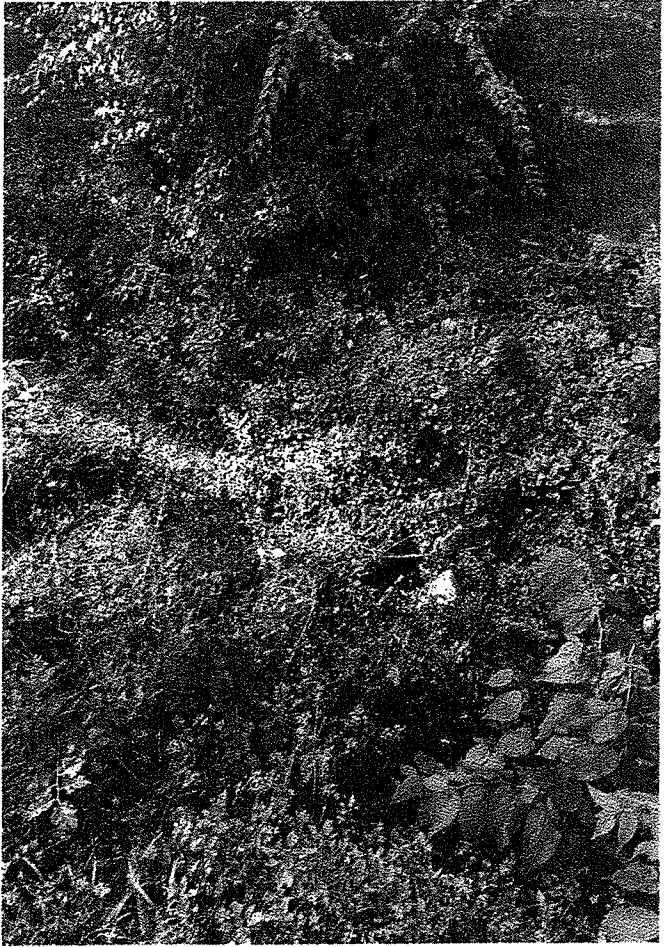
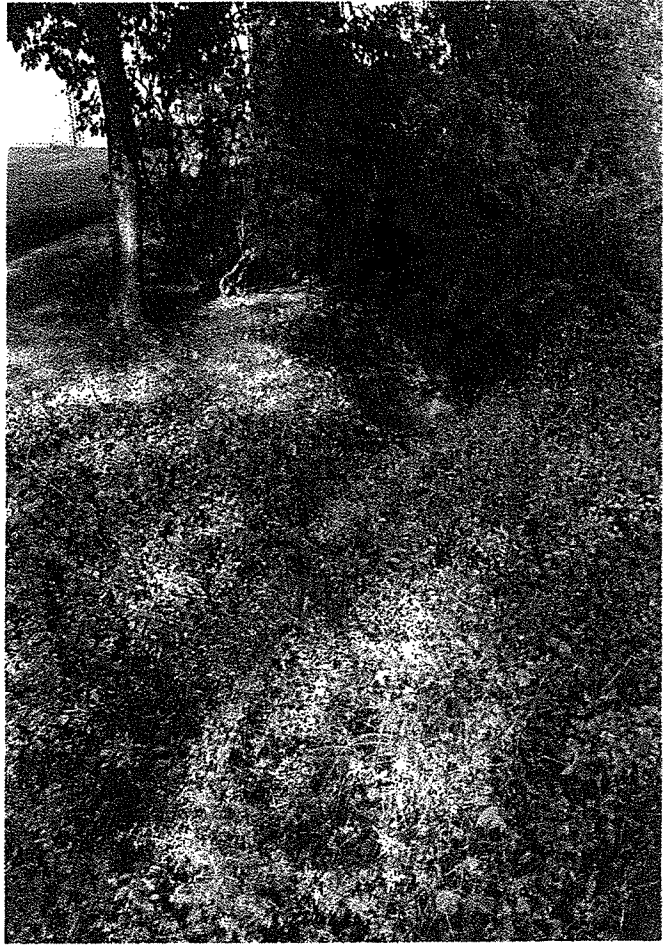
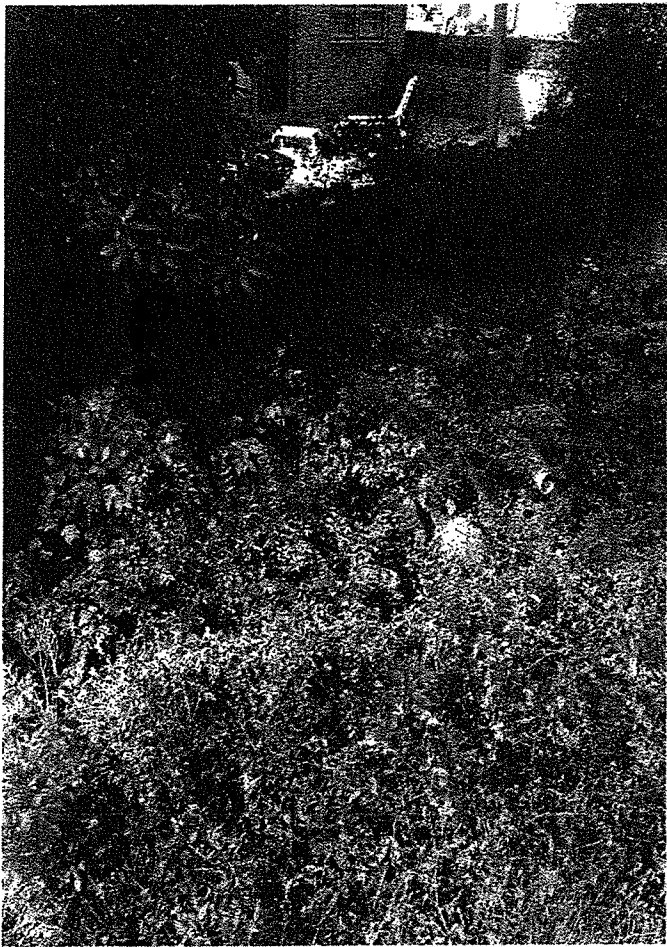
Results: No signs of dumping present

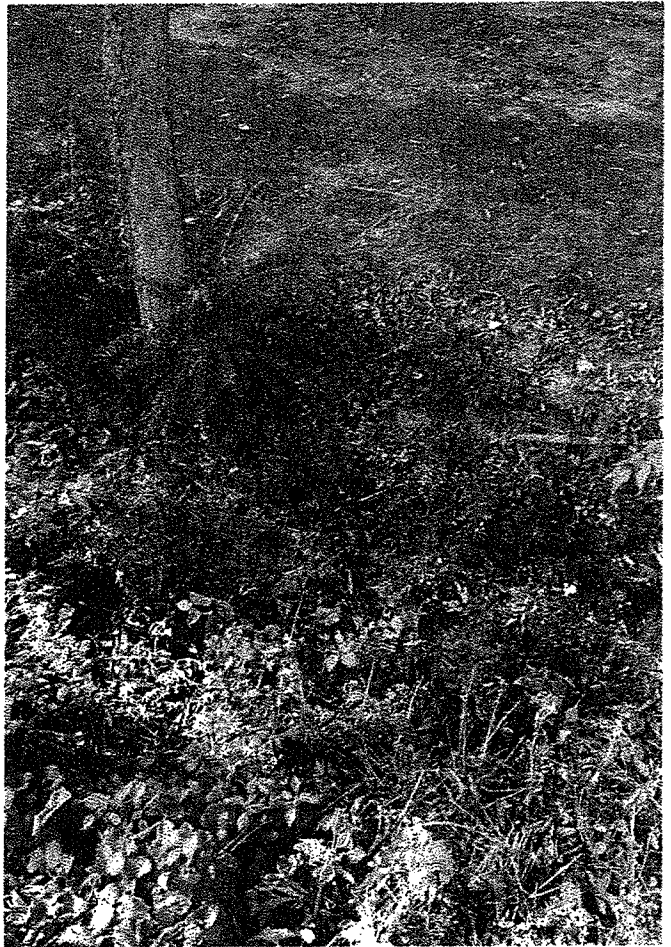
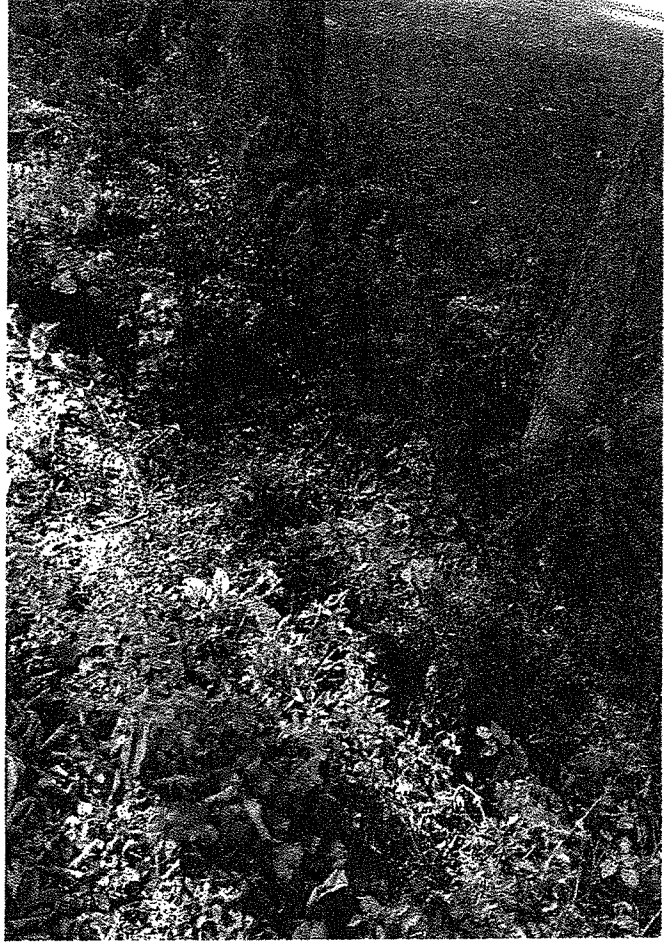
In response to a phone call that Andrew Stern received, I followed up with an on-site inspection to determine if any dumping had occurred in the drainage swale behind the properties at 3115-3125 Nolt Road.

A visual inspection indicated there was no signs of dumping in the area, and there was nothing in the drainage area that would result in an illicit discharge or cause the drainage area to malfunction. Pictures of the area were taken.

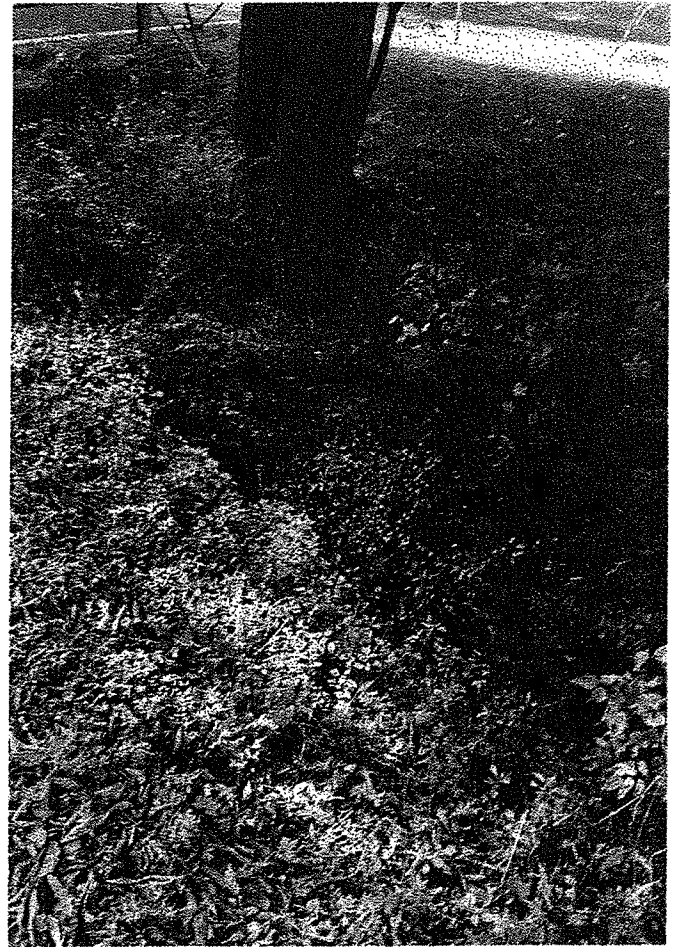
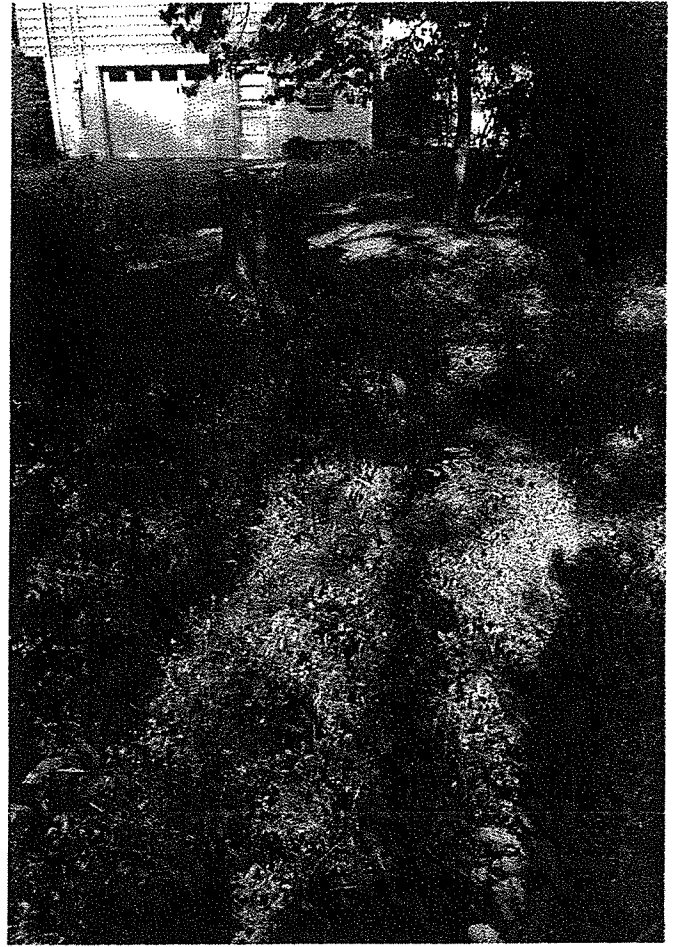
Therefore, the complaint regarding dumping in the drainage area behind the properties of 3115-3125 Nolt Road is closed.

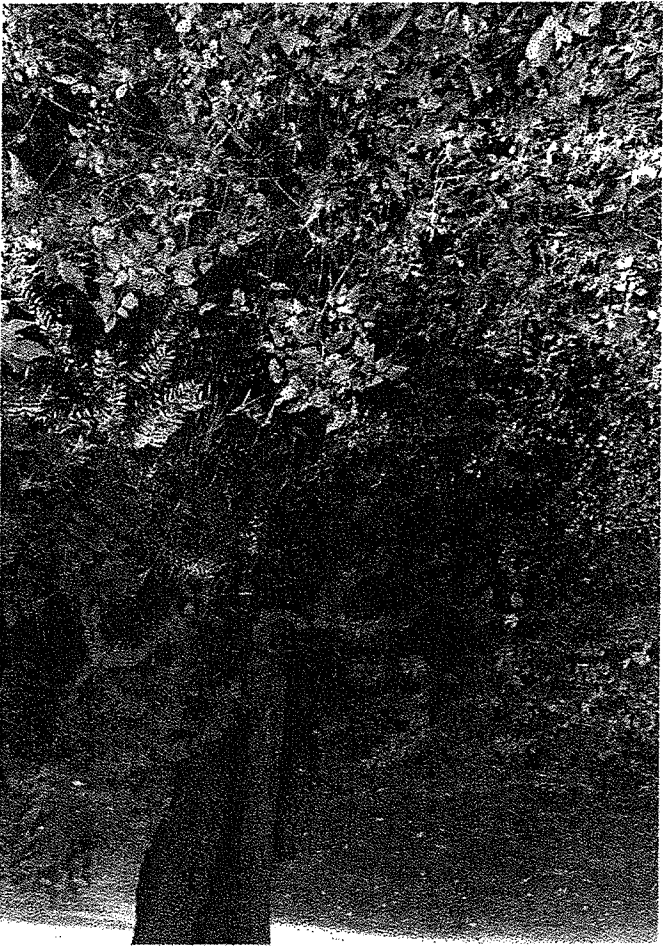
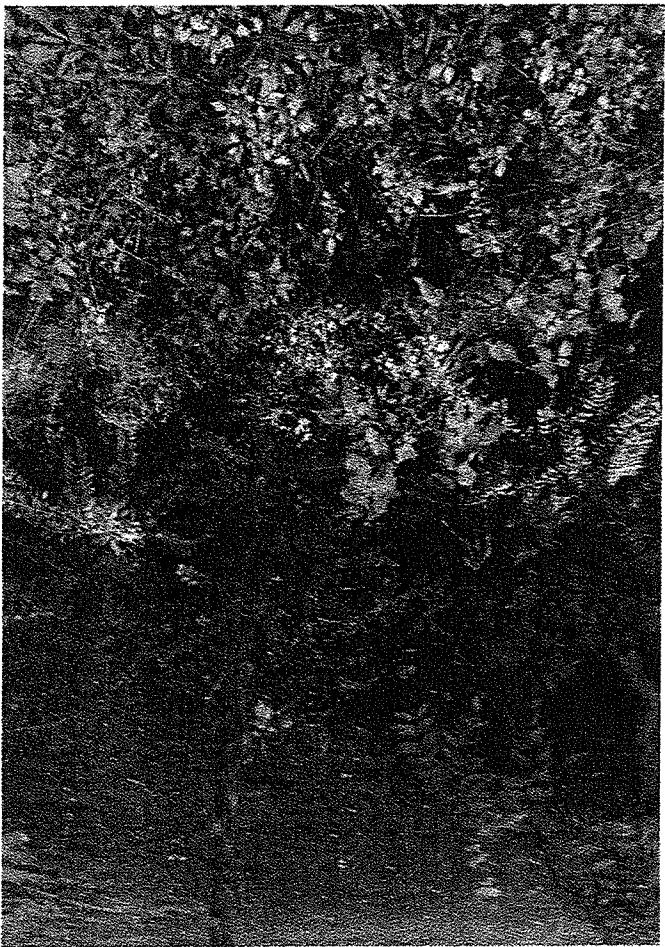
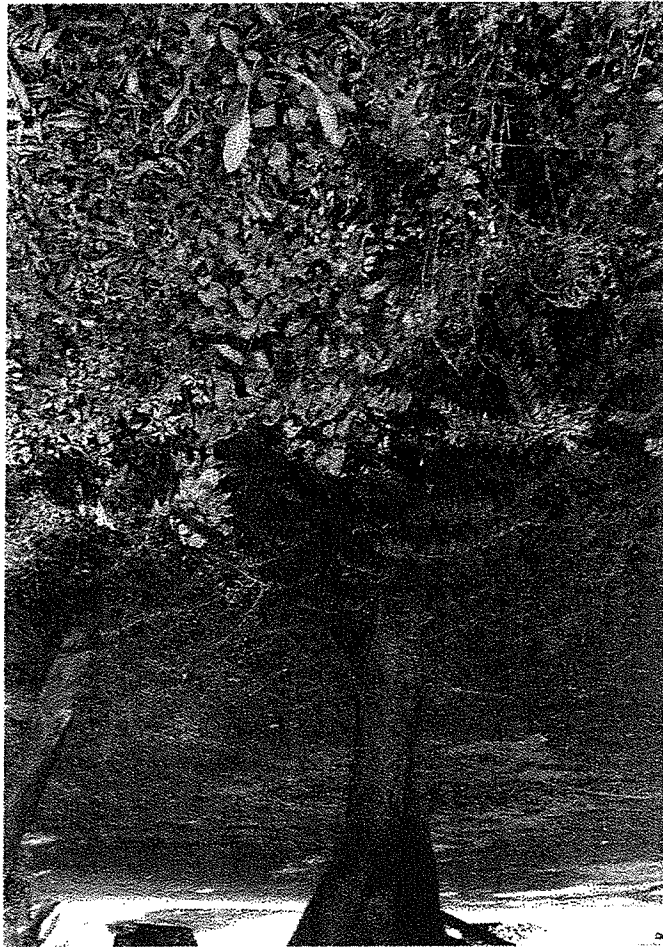
Pictures attached.



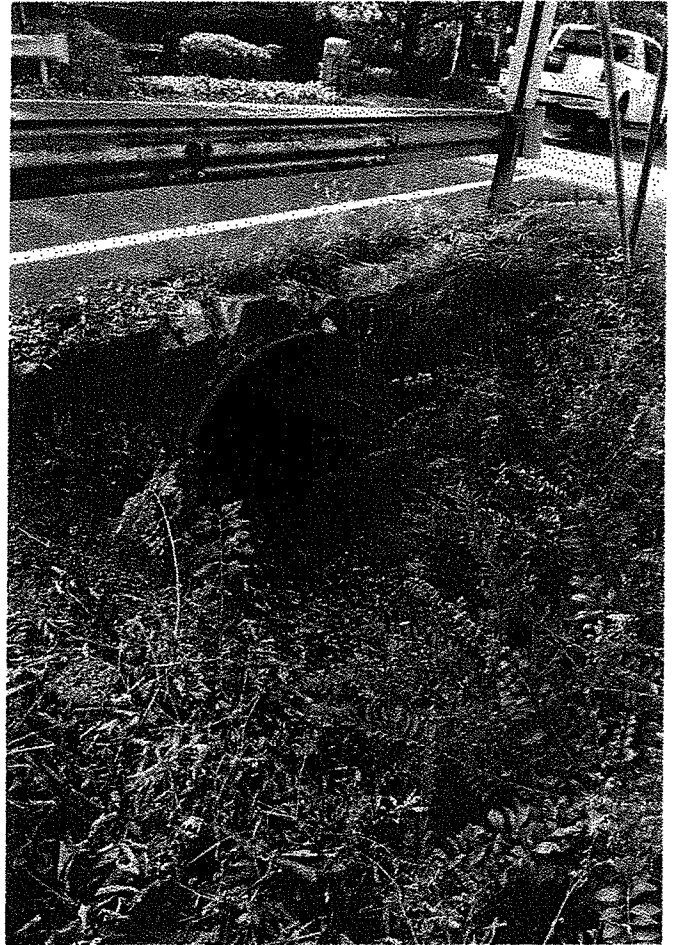
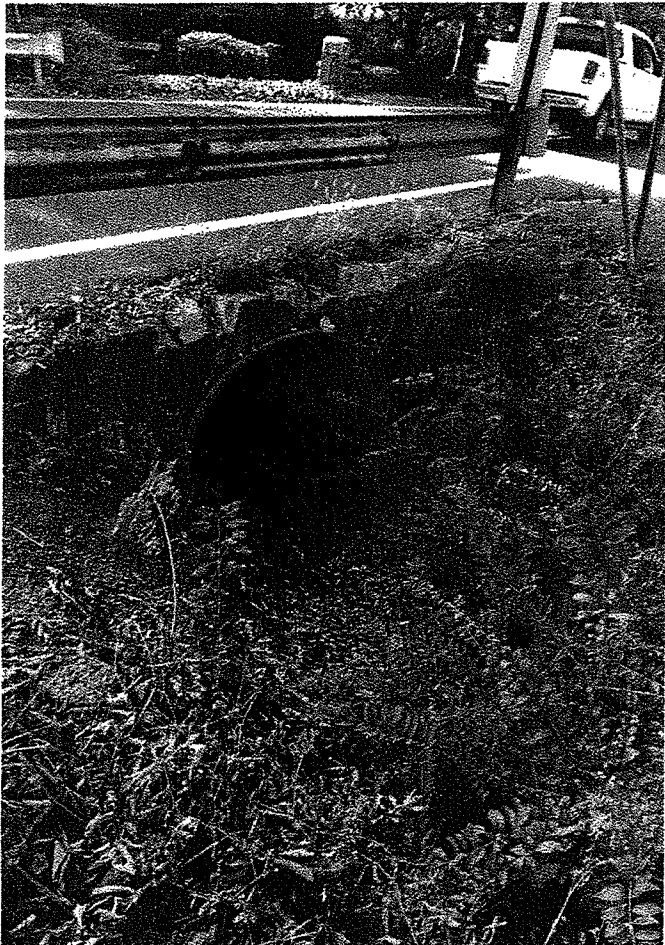
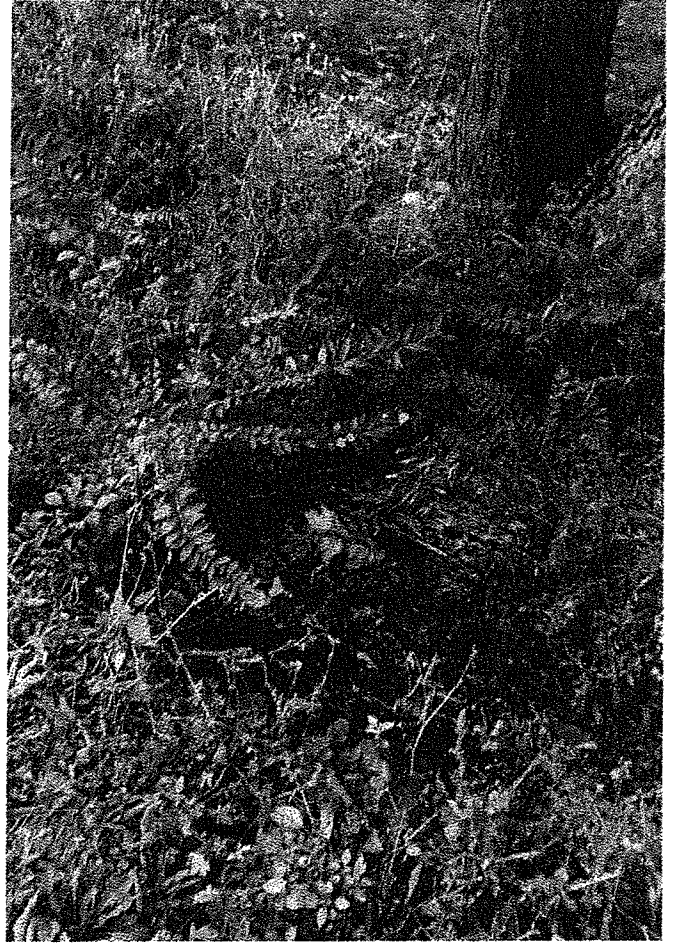
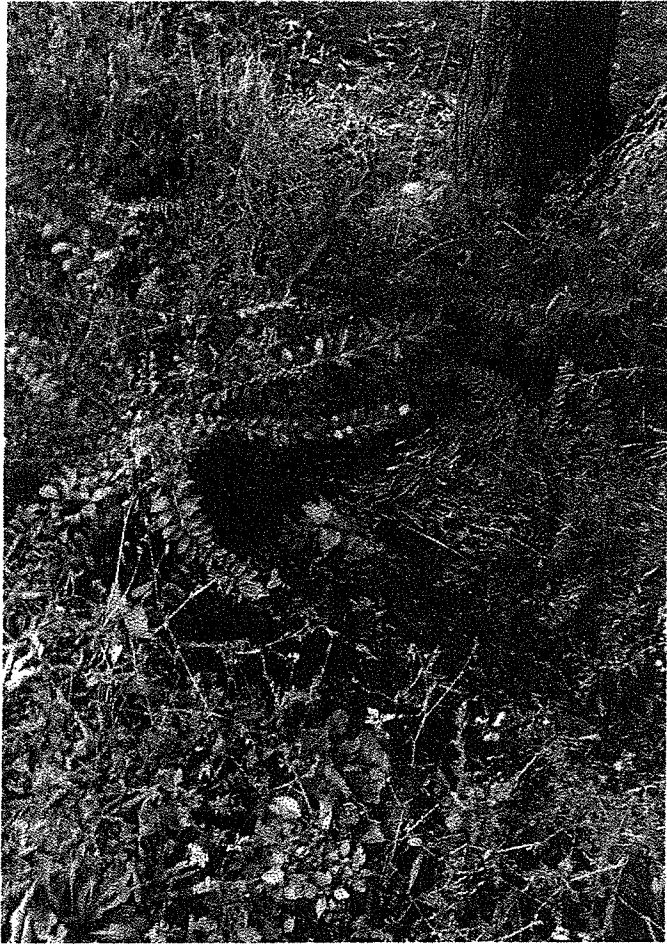


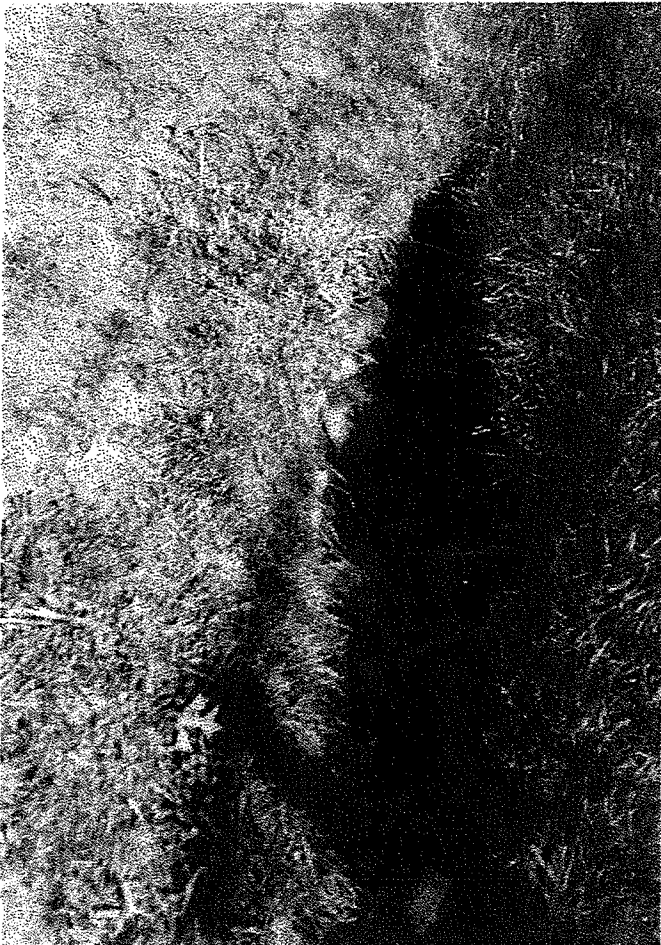
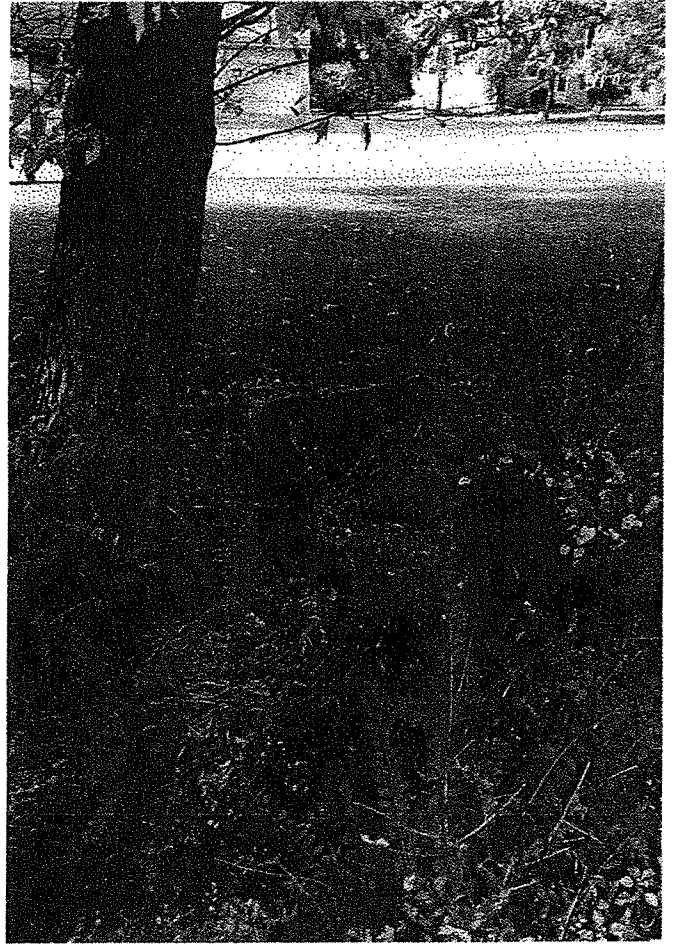




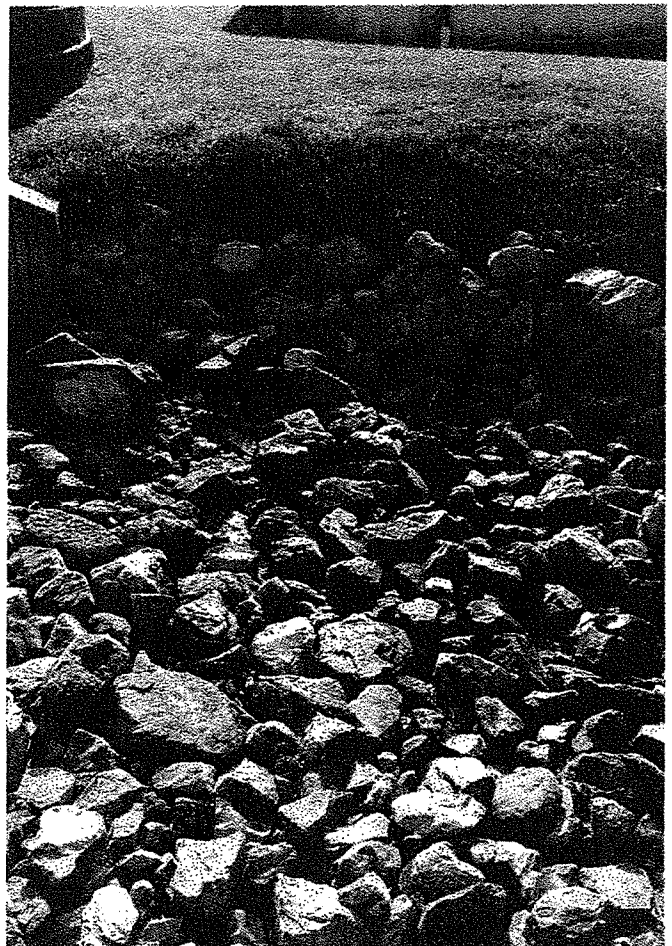
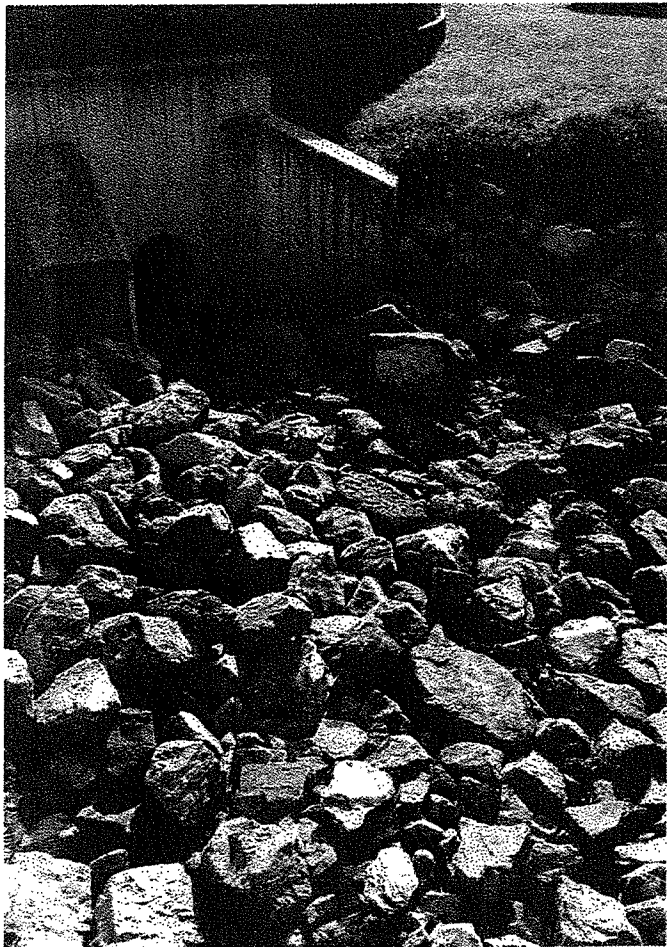
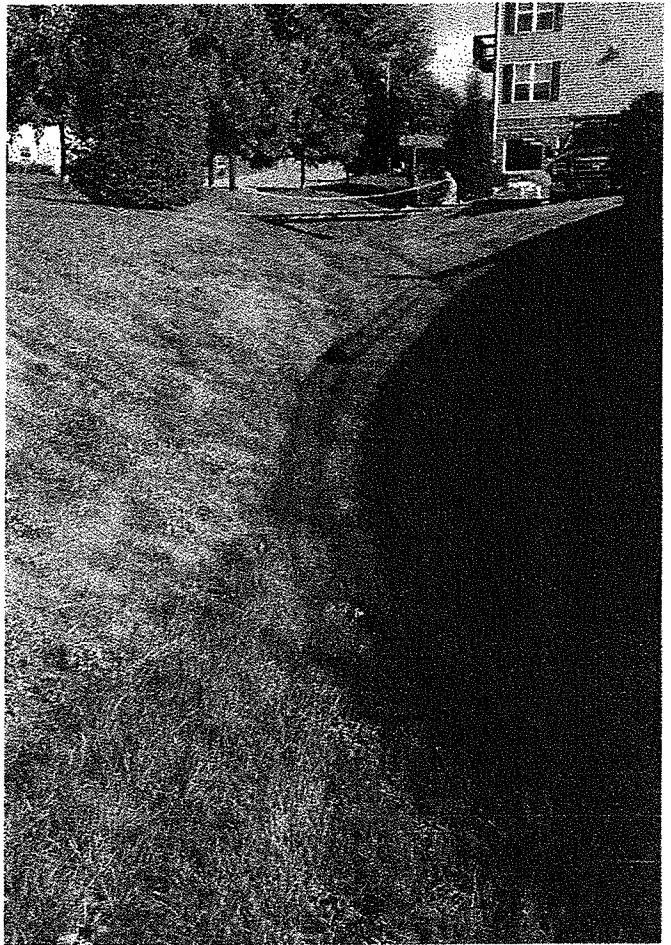
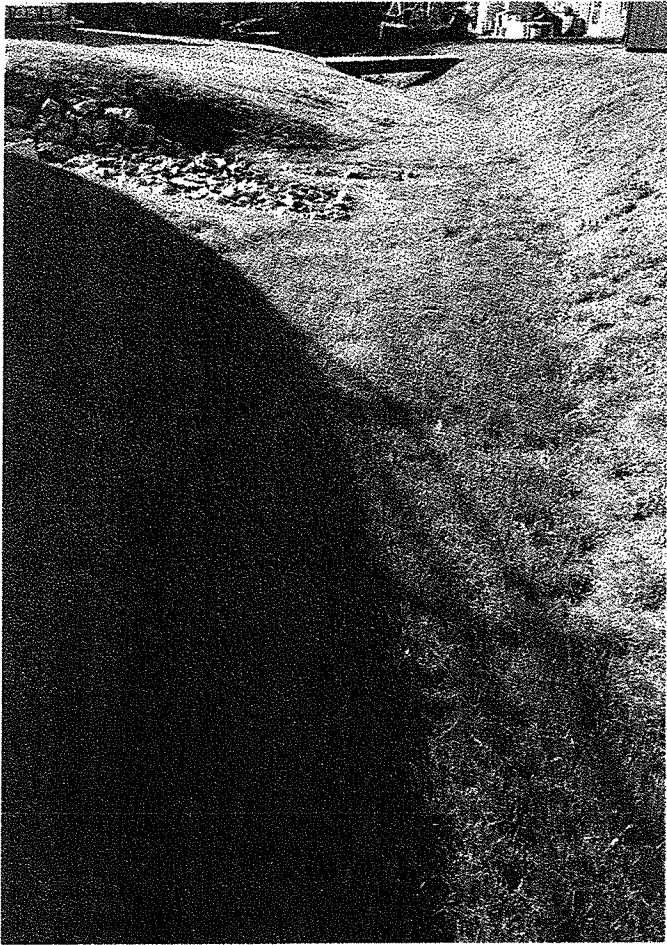




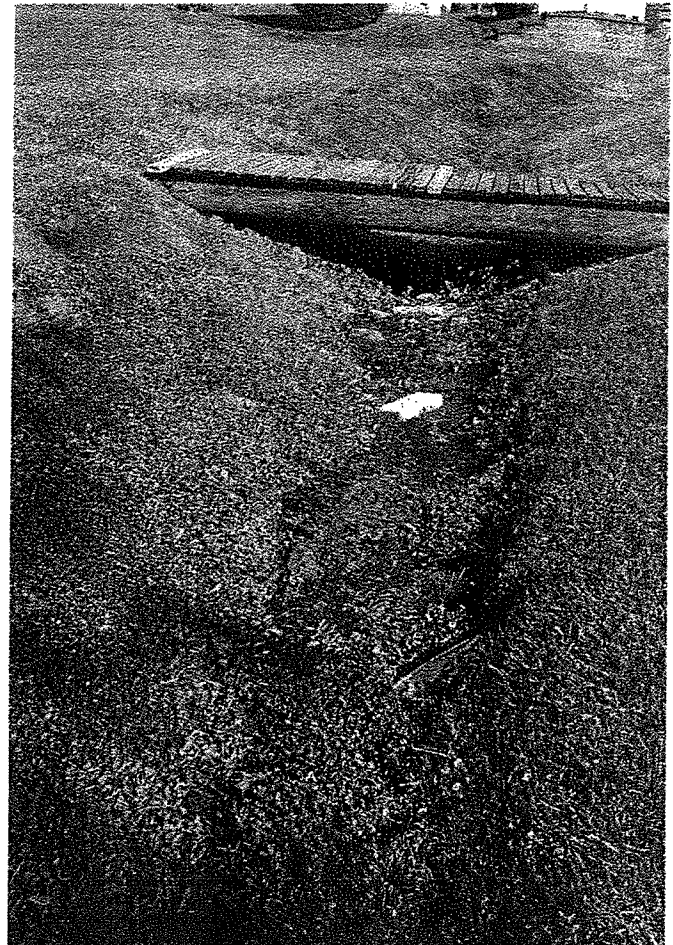
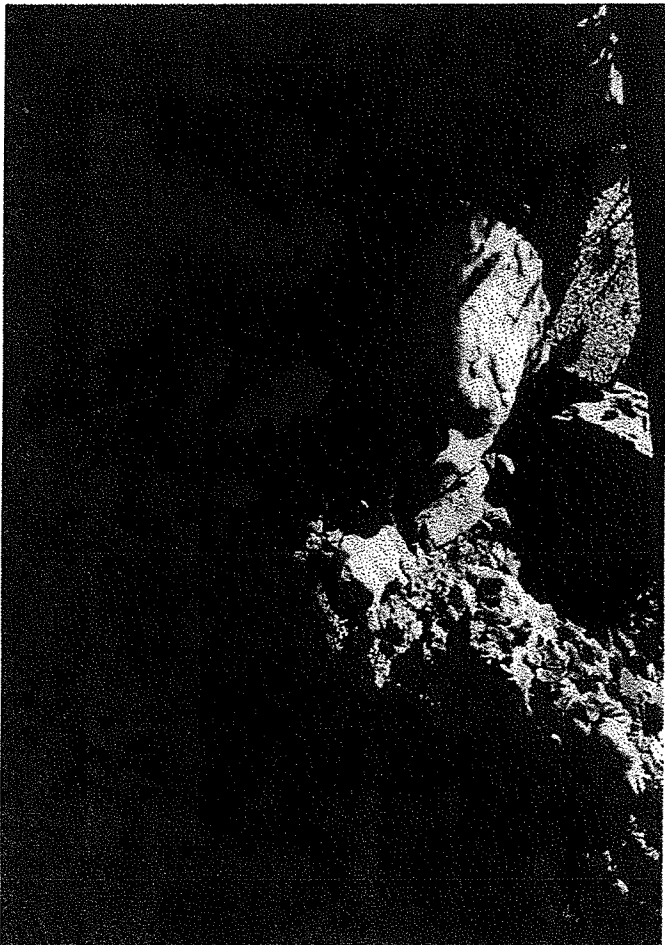
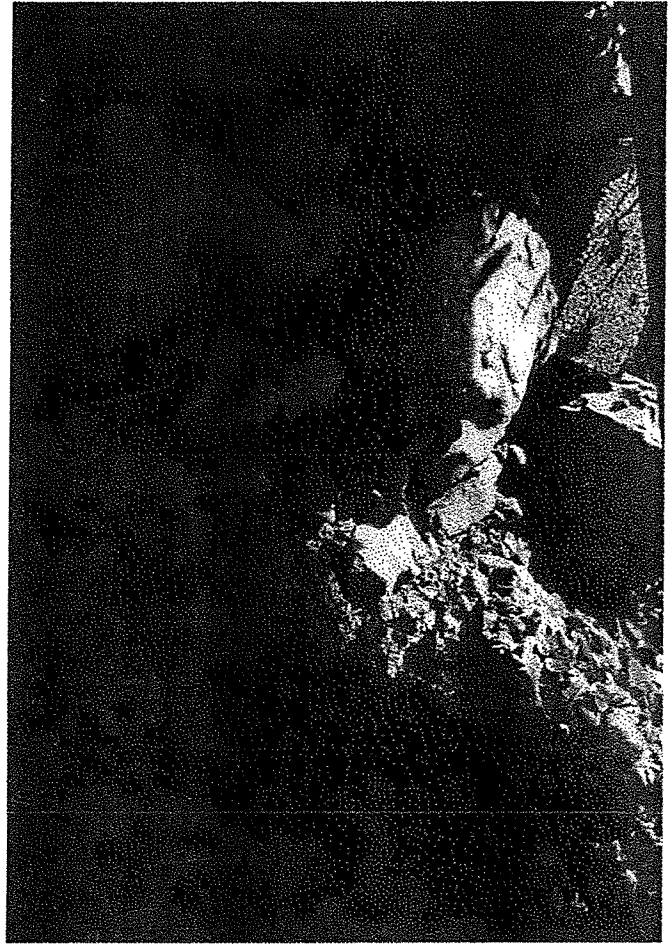
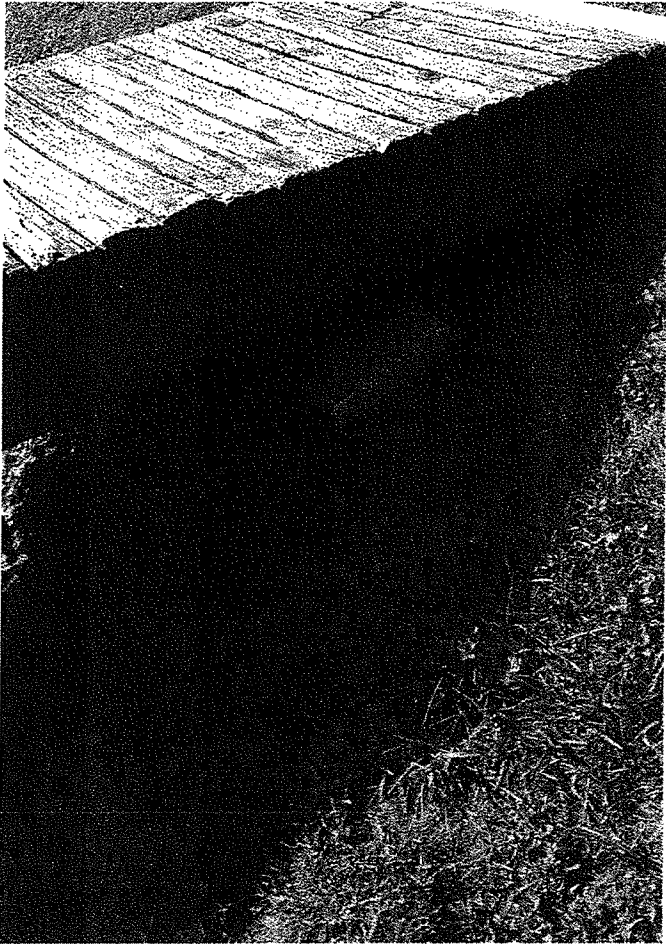




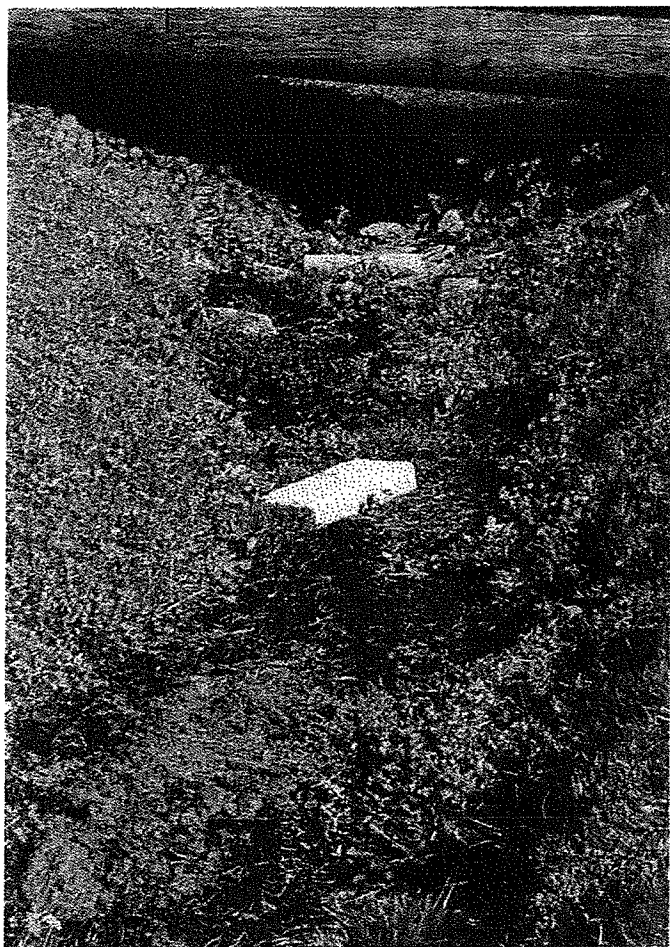


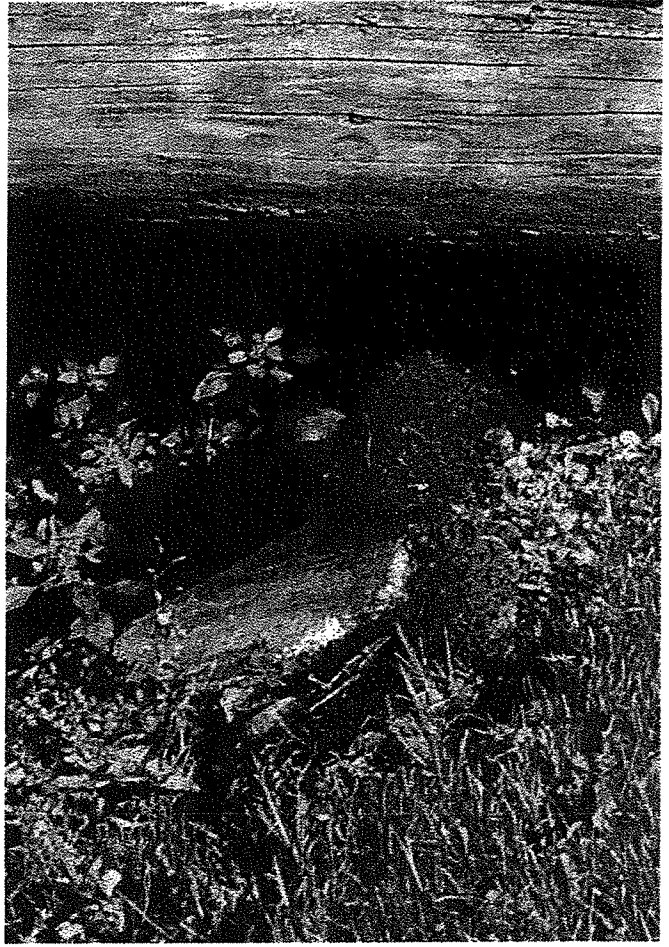




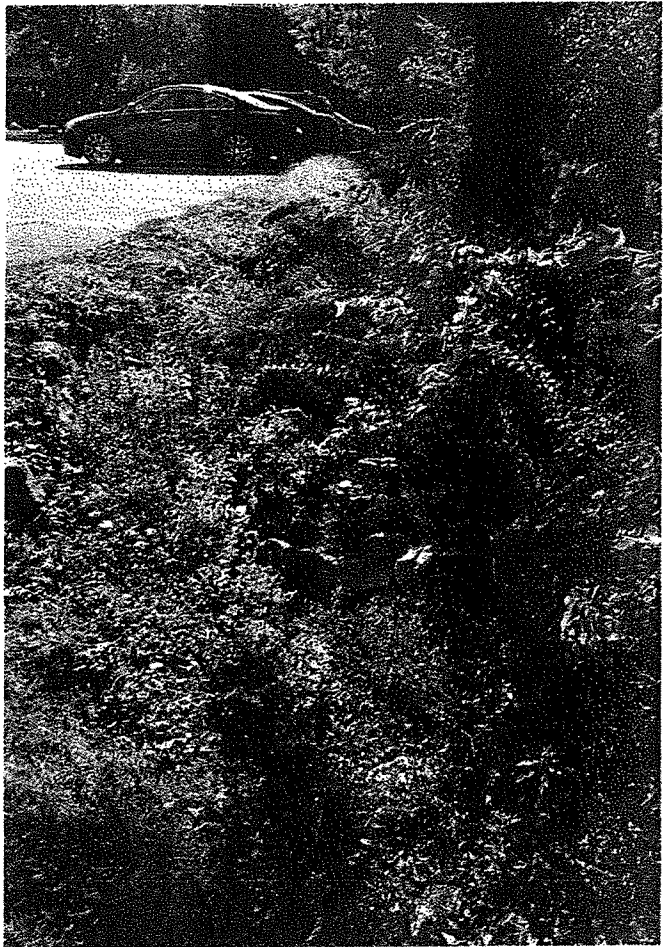
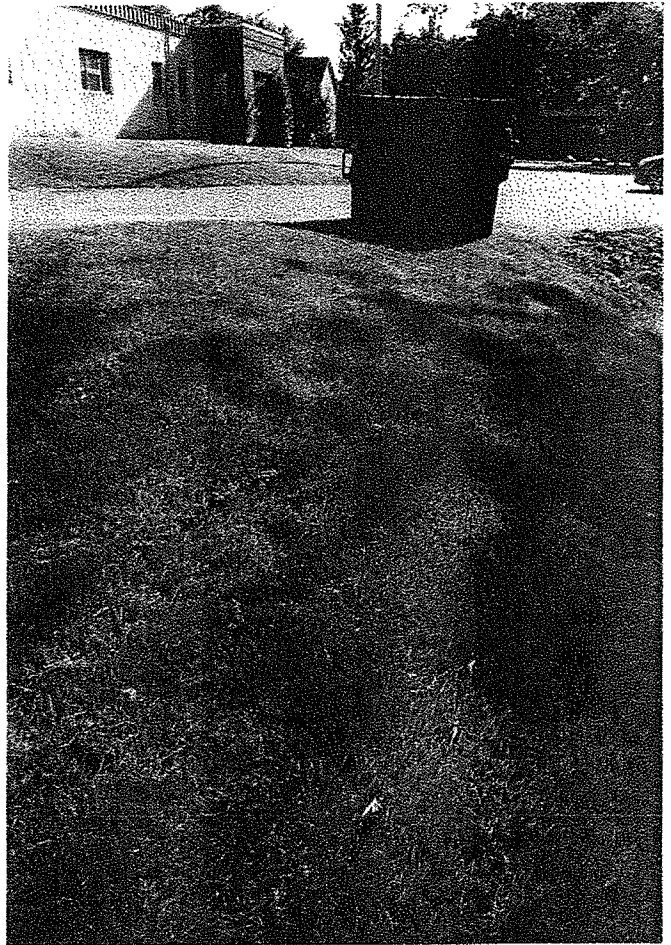


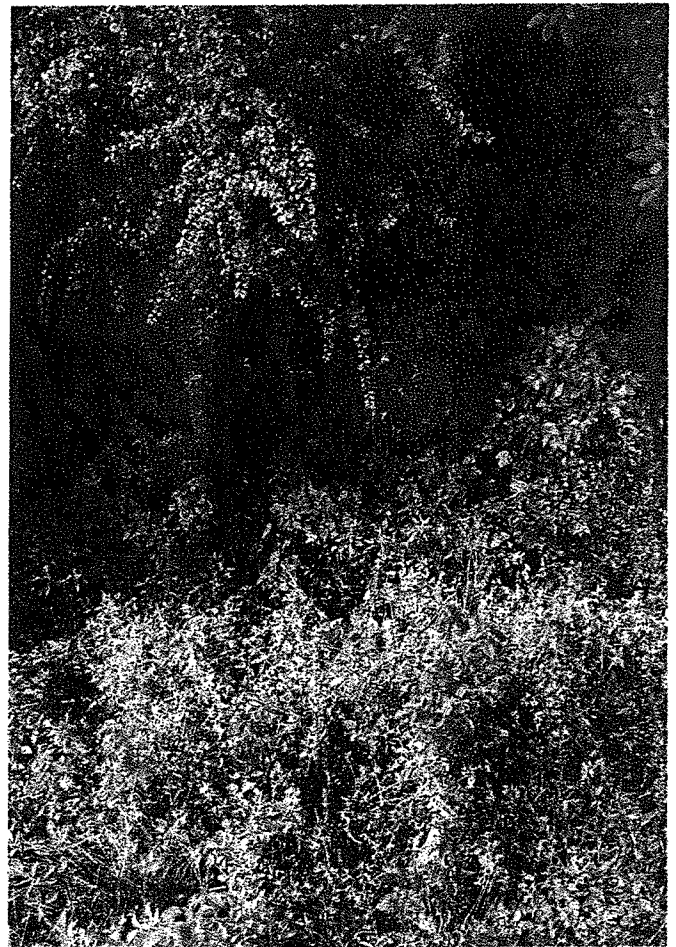
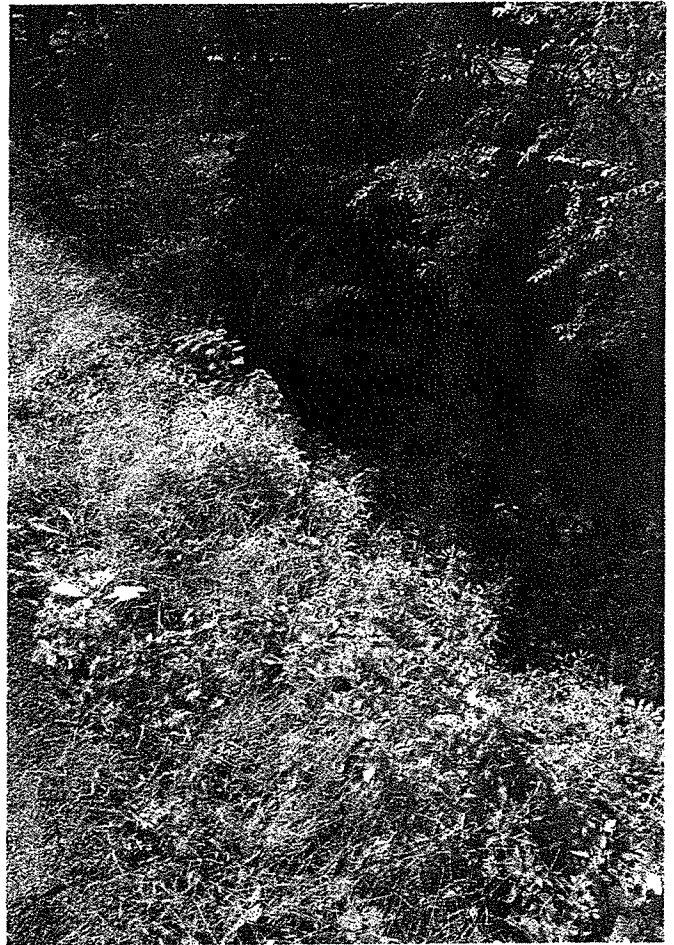


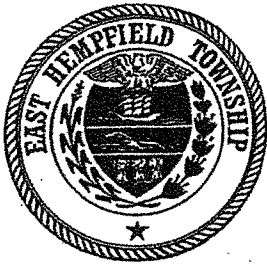












# East Hempfield Township

1700 Nissley Road ~ P.O. Box 128 ~ Landisville, Pennsylvania 17538  
Phone 717-898-3100 ~ Fax 717-898-9486 ~ [www.easthempfield.org](http://www.easthempfield.org)

TO: ILLICIT DISCHARGE FILE  
FROM: JON BECK, ZONING OFFICER/ASST. SWM OFFICER  
SUBJECT: ILLICIT DISCHARGE – 715 SOUTHVIEW DRIVE  
DATE: JULY 15, 2016

*JEB*

**SCANNED**

Date/Time: Friday, July 15, 2016 at approximately 14:50

Weather: Sunny, with scattered clouds, 89 Degree, no rainfall in the past 24 hours

Person Present: Robert Krimmel – East Hempfield Township Manager  
Jon Beck – East Hempfield Township Zoning Officer/Asst. SWM Officer  
Kevin Lutrell – Resident of 715 Southview Drive

Test Kit(s) Used: Poolmaster “Smart Test” Test Strips  
Testing Method: Water sample was taken from discharging hose into a plastic “Nalgene” bottle (8 oz).

Procedure: Pool Master “Smart Test” Test Strips were used according to manufacturer’s directions.

Results: Water tested positive for chlorine – indicating approximately 3-4 ppm

At approximately 14:35 on Friday July 15, 2016, I received a call from Robert Krimmel, East Hempfield Township Manager reporting a possible illicit discharge (draining a residential swimming pool) coming from the property at 715 Southview Drive. I met Mr. Krimmel at the address at approximately 14:45; Mr. Krimmel was at the front door of the dwelling, attempting to make contact with the property owner or inhabitant of the dwelling.

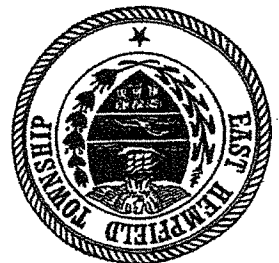
As I approached the address, driving east bound on Southview Drive, I was able to witness water running along the gutter channel on the street, and due to the grade change on this street, the water was flowing downhill towards the intersection of Southview Drive and Snapper Dam Road. While walking up to the property, the stream of running intensified, indicating the water was indeed coming from 715 Southview Drive. Once on the property, I noticed a 1” hose discharging a large rate of water; I brought a plastic, test bottle and Smart Test Pool & Spa Test Strips to verify whether the water had any indication of chlorine. I was able to obtain a sample from the hose. Before testing the sample, I was able to smell chlorine in the sample. I used the Poll & Spa Test Strips, and the test strips indicated a chlorine content of approximately 3-4 ppm in the sample.

Once I verified that chlorine was present in the sample, Mr. Krimmel and I proceeded to the rear of the property, attempting to make contact with any of the property’s residents. We were able to make contact with Kevin Lutrell, boyfriend of property owner’s daughter. Mr. Lutrell indicated he was cleaning the pool, and he was unaware of the requirement to dechlorinate pool water before discharging the pool water into the municipal storm sewer system. He immediately shut off the water coming from the pool.



# East Hempfield Township

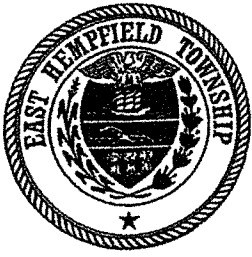
1700 Nissley Road ~ P.O. Box 128 ~ Landisville, Pennsylvania 17538  
Phone 717-898-3100 ~ Fax 717-898-9486 ~ [www.easthempfield.org](http://www.easthempfield.org)



Mr. Krimmel and I provided Mr. Luttrell with the requirements for discharging pool water in the Township's storm sewer system, which does require dechlorination. I told Mr. Luttrell to check with the pool supply store for dechlorinating products, so the next time he back washes the pool, he can ensure the pool water is dechlorinated before discharging it into the Township's storm sewer system.

I was not able to verify how much chlorinated water discharged into the Township's storm sewer system, but Mr. Luttrell indicated that he had the water running for approximately 10 minutes. Therefore, based upon the size of the hose, the rate of discharge, and the duration of discharge, it is extremely possible that hundreds of gallons of chlorinated water entered the Township's storm sewer system. I left the property at approximately 15:05, and I noticed the water was already evaporating, due to the weather and temperature.

Since Mr. Luttrell immediately stopped discharging the water once Mr. Krimmel and I informed him of the Township's regulations, no enforcement action is proposed.



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EAST HEMPFIELD TOWNSHIP PLANNING & DEVELOPMENT

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**TO:** ILLICIT DISCHARGE FILE  
**FROM:** ANDREW STERN, AICP  
**SUBJECT:** ILIICIT DISCHARGE – HERSHEY/Y&S CANDIES  
**DATE:** JULY 7, 2016

MS4

At approximately 11:30 am yesterday, Wednesday, July 6, 2016, I personally observed a milky white substance within the stormwater swale between Hodge Tools and Kegel Produce on Old Tree Drive. Township Engineer Rob Visniski was also present. We traced the flow upstream and across Old Tree Drive to Hershey/Y&S Candies (400 Running Pump Road).



We immediately contacted Hershey Plant Manager Mike Sever who sent Dan Blauch, Hershey Pretreatment Operator, out to meet us. Mr. Blauch initially thought the white substance was flour from washing the area around the flour silos. He indicated that they are supposed to close a gate from their stormwater system before it crosses under Old Tree and makes its way to Brubaker Run, but they had not done so. Mr. Blauch immediately closed the gate to prevent further release of the substance.

We filled two small containers with samples of the water and provided one to Mr. Sever. Mr. Sever assured us they would get to the bottom of what the substance was and get it cleaned as soon as possible.

Upon returning to our office I contact the DEP Emergency Response Hotline (866-825-0208). I left a message which was quickly returned at 1:00 pm by Ben Thonus, DEP Emergency Response Manager for Southcentral PA. He took all relevant information and indicated he would pass it along to the Clean Water person to follow up directly with Hershey.

Shortly thereafter, Dan Blauch called. They determined it was NOT flour, but rather Simple Green cleaning agent being used to clean ducts and equipment, as the plant was shut down for the July 4 holiday. Mr. Baluch indicated that they would be having Klines Services pump out the contaminated water later in the day.

At 4:27 pm I received an email (see attached) from Mike Sever indicating that they too spoke to DEP and that Klines was onsite cleaning up the water on Hershey's property and along the stormwater swale across the street (between Hodge and Kegels).

This morning, Thursday, July 7, 2016, at approximately 9:00 am, I visited the site and observed the water at Hershey as well as within the swale between Hodge and Kegel is clean. We have considered this matter closed.



Wed 7/6/2016 4:27 PM

Sever, Michael <msever@hershys.com>  
Re: Flour

To: Andrew Stern

You replied to this message on 7/6/2016 4:27 PM.

bing hiep

Hi Andrew,

In the like, we contacted DEP this afternoon and in parallel began our remediation efforts as a precaution. Kline's Services Inc (Wastewater management service provider) is in the process of vacuuming the water area across our property, in between Kegel's and Hodge Tool.

I appreciate your proactive approach to contact us. Thank you.

Regards,

Michael Sever  
T: 717-398-1255  
M: 717-396-6223

From: Andrew Stern [mailto:astern@hempfield.org]

Sent: Wednesday, July 06, 2016 1:14 PM

To: Sever, Michael <msever@hershys.com>

Subject: Flour

Thanks again for meeting with me this morning. As per our Township N9A policies I contacted DEP to inform them of what occurred. Their Clean Water person will most likely contact you to determine how you will be addressing it. The person I spoke to did not seem overly concerned, but since we are government everything needs to be documented.

Thank you.

ANDREW

Andrew B. Stern, AICP, LEED GA, CFM, CSI

Director, Department of Planning & Development

East Hempfield Township

1700 Nishley Road

Lansdale, PA 17338

(717) 896-3109 x.729

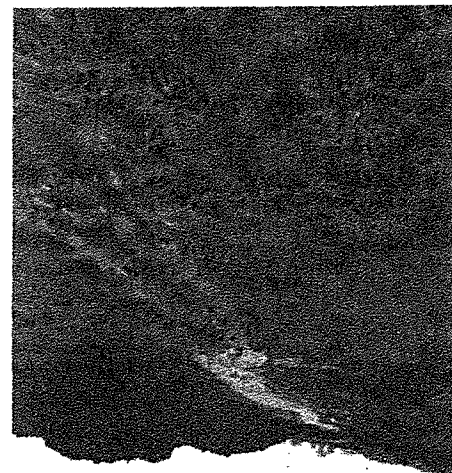
astern@hempfield.org



Andrew Stern

From: Andrew Stern  
Sent: Thursday, June 16, 2016 11:43 AM  
To: Chris Venarchick  
Cc: markm; 'Jon Beck'  
Subject: Woodcrest Villa E&S

Jon Beck in my office visited Woodcrest during the heavy rain this morning. Muddy water is making its way to the SW basing along Harrisburg Pike. While the grading itself may lend itself to muddy water going the other direction towards the sediment basin, the contractor is creating large soil piles right at the bank of the SW basin thus causing mud and chunks of dirt to fall in to the SW basin. Below is a photo (not sure exactly which angle this is from, but this is a good example of what I am referring to:



Please discuss this with the contractor and either add fencing/socks around the piles or have them move the piles away from the basin. Please let me know what is decided.

Thanks!

ANDREW

Andrew B. Stern, AICP, LEED GA, CFM, CSI  
Director, Department of Planning & Development  
East Hempfield Township  
1700 Nissley Road  
Landisville, PA 17538  
(717) 898-3100 x.230  
Planning@EastHempfield.org

MS4

## Andrew Stern

---

**From:** Doug Hottenstein <dhottenstein@BRKREIDER.com>  
**Sent:** Thursday, September 08, 2016 2:41 PM  
**To:** Andrew Stern  
**Cc:** Jon Beck; Patrick Barker; Jim Brown; Jared Witmer  
**Subject:** RE: Noll Drive



Andrew,

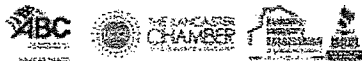
You are correct, this part of the road does not drain into a sediment trap like other parts of Noll Drive. Thanks for pointing that out. There are no clumps or large pieces on the Rd. We will monitor over the next few days until our hauling is complete.

### Doug Hottenstein

Project Manager  
CELL 717-917-7440  
<mailto:DHottenstein@BRKreider.com>



33 Kreider Lane  
Manheim, PA 17545  
PHONE 717-898-7651 X150  
[www.brkreider.com](http://www.brkreider.com)



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**From:** Andrew Stern [<mailto:planning@easthempfield.org>]  
**Sent:** Thursday, September 8, 2016 2:34 PM  
**To:** Doug Hottenstein <dhottenstein@BRKREIDER.com>  
**Cc:** Jon Beck <[Jon@easthempfield.org](mailto:Jon@easthempfield.org)>; Patrick Barker <[Patrick@easthempfield.org](mailto:Patrick@easthempfield.org)>  
**Subject:** RE: Noll Drive

Based on the picture and your description I would not recommend a water truck – unless you plan to capture the water. You'll simply wash the dirt into the storm sewer. Please make sure there are no large clumps of dirt/mud and going forward that the trucks are washing off within the designated areas before entering the road.

ANDREW

**From:** Doug Hottenstein [mailto:dhottenstein@BRKREIDER.com]  
**Sent:** Thursday, September 08, 2016 2:23 PM  
**To:** Andrew Stern <planning@easthempfield.org>  
**Cc:** Jon Beck <Jon@easthempfield.org>; Patrick Barker <Patrick@easthempfield.org>  
**Subject:** RE: Noll Drive

Andrew,

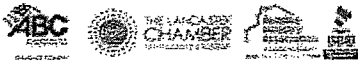
We will have a water truck wash the street tonight. It is only dust on the road so sweeping will not take care of the problem.

**Doug Hottenstein**

Project Manager  
CELL 717-917-7440  
<mailto:DHottenstein@BRKreider.com>



63 Kreider Lane  
Manheim, PA 17545  
PHONE 717-898-7651 X150  
[www.brkreider.com](http://www.brkreider.com)



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**IMPORTANT NOTICE**

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**From:** Andrew Stern [mailto:planning@easthempfield.org]  
**Sent:** Thursday, September 8, 2016 1:55 PM  
**To:** Doug Hottenstein <dhottenstein@BRKREIDER.com>  
**Cc:** Jon Beck <Jon@easthempfield.org>; Patrick Barker <Patrick@easthempfield.org>  
**Subject:** Noll Drive

Our inspector has informed me that there is dirt on Noll Drive in the area of Homestead Village's project. If your crews have been working there and have tracked dirt/mud onto Noll Drive please clean it up today. If it is not your doing, please let me know.

Thank you!

ANDREW

**Andrew B. Stern, AICP, LEED GA, CFM, CSI**

**Director, Department of Planning & Development**

**Stormwater/MS4 Officer & Floodplain Manager**

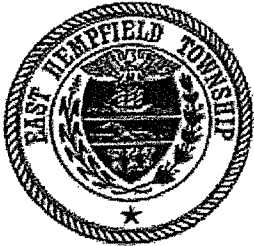
**East Hempfield Township**

**1700 Nissley Road**

**Landisville, PA 17538**

**(717) 898-3100 x.230**

**[Planning@EastHempfield.org](mailto:Planning@EastHempfield.org)**



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# MCM#4 Attachment

## Lancaster County Conservation District Annual Report



LANCASTER COUNTY  
CONSERVATION DISTRICT

*Conserving Natural Resources for Our Future*



## Memo

**To:** East Hempfield Township Municipal Officials  
**From:** Lancaster County Conservation District- Erosion & Sediment Control Department  
**Date:** March 2, 2017  
**Re:** Summary of Activities for the Chapter 102/105 and NPDES Programs for East Hempfield Township

---

Municipal Officials:

In response to requirements set forth by your MS-4 Permit and through your MOU with our office, the Lancaster County Conservation District is providing a report of activities, in the following attachments, for the 2016 calendar year. The following information is being provided for your use.

PAG and PAC permit numbers	=	General NPDES
PAI and PAD permit numbers	=	Individual NPDES
GP permit numbers	=	Chapter 105 General Permits
No permit numbers	=	E&S plan (which are non-permitted)
Open	=	an ongoing investigation
Closed	=	violations have been corrected or not observed during investigation

If you need additional information, you may contact the E&S Department at (717) 299-5361 ext 5.

Sincerely,

Nathaniel Kurtz  
E & S Department Manager



## PROJECTS ISSUED/APPROVED IN 2016

<u>Plan Name</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Permit Number</u>	<u>Permit Decision</u>	<u>Approval Date</u>
South Tree Drive Hotel	40.05	-76.39	PAG02003615123	Approved	5/11/2016
Dutch Valley Auto Works	40.04	-76.40	PAG02003615135	Approved	5/11/2016
James Stauffer GP 5	40.03	-76.40	GP053616102	Approved	2/4/2016
Richter Precision	40.09	-76.35	PAG02003616015	Approved	4/19/2016
Stony Battery Road Tract	40.09	-76.42	PAG02003616036	Approved	4/28/2016
KAI Warehouse Expansion	40.05	-76.38	PAG02003616045	Approved	6/29/2016
State Road Commerce Park	40.08	-76.38	PAG02003616053	Approved	9/1/2016
State Road Commerce Park GP5/GP7	40.08	-76.38	GP053616110	Approved	9/1/2016
State Road Commerce Park GP5/GP7	40.08	-76.38	GP073616107	Approved	9/1/2016
Lime Spring Square - Phase 2 Noll Drive Office Bldg	40.05	-76.37	PAG02003615074(1)	Approved	11/15/2016
Lime Spring Square - Phase 2 Noll Drive Office Bldg	40.05	-76.37	GP043616108	Approved	11/15/2016
Lime Spring Square - Phase 2 Noll Drive Office Bldg	40.05	-76.37	GP053616111	Approved	11/15/2016
Gerhart Coffee	40.05	-76.39		Approved	5/11/2016
Carson Residence	40.08	-76.39		Approved	5/16/2016
Kellogg's Plant Expansion	40.09	-76.39		Approved	7/1/2016
Centerville Road Widening	40.06	-76.40		Approved	10/4/2016
Michael John	40.11	-76.39		Approved	10/4/2016
194 Cooper Avenue	40.10	-76.42		Approved	9/13/2016
670 Church Street SWM	40.08	-76.41		Approved	9/13/2016
2330 Dairy Road	40.08	-76.36		Approved	10/18/2016

**INSPECTION REPORTS**

<u>Plan Name</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Permit Number</u>	<u>Inspection Date</u>	<u>Inspection Status</u>
Landis Farm	40.09	-76.40	PAG02003614079	1/21/2016	Compliant
Landis Farm	40.09	-76.40	PAG02003614079	2/26/2016	Non-Compliant
Landis Farm	40.09	-76.40	PAG02003614079	4/20/2016	Compliant
Landis Farm	40.09	-76.40	GP043615105	1/21/2016	Compliant
Landis Farm	40.09	-76.40	GP043615105	2/26/2016	Non-Compliant
Landis Farm	40.09	-76.40	GP043615105	4/20/2016	Compliant
Homestead Village	40.05	-76.35	PAG02003614097	3/7/2016	Non-Compliant
543 Champ Blvd.	40.11	-76.43	PAG02003614084	11/17/2016	Compliant
543 Champ Blvd.	40.11	-76.43	PAG02003614084	3/15/2016	Compliant
543 Champ Blvd.	40.11	-76.43	PAG02003614084	8/21/2016	Compliant
543 Champ Blvd.	40.11	-76.43	GP053615101	11/17/2016	Compliant
543 Champ Blvd.	40.11	-76.43	GP053615101	3/15/2016	Compliant
543 Champ Blvd.	40.11	-76.43	GP053615101	8/21/2016	Compliant
Lime Spring Square - Lancaster Farm Fresh Co-Op	40.05	-76.37	PAG02003615074	3/7/2016	Non-Compliant
Lime Spring Square - Lancaster Farm Fresh Co-Op	40.05	-76.37	GP053615110	3/7/2016	Non-Compliant
Elite RV Storage	40.09	-76.39	PAG02003615098	7/27/2016	Compliant
Stony Battery Road Pipeline Extension	40.07	-76.42	GP053615121	3/24/2016	Non-Compliant
Stony Battery Road Pipeline Extension	40.07	-76.42	GP053615121	4/12/2016	Compliant
Stony Battery Road Pipeline Extension	40.07	-76.42	GP053615121	4/20/2016	Compliant
Stony Battery Road Pipeline Extension	40.07	-76.42	GP053615121	5/6/2016	Non-Compliant
Stony Battery Road Pipeline Extension	40.07	-76.42	GP053615121	5/24/2016	Non-Compliant
Shady Brae	40.12	-76.40	PAG2003609026	1/13/2016	Compliant
Arbors at Spring Valley	40.06	-76.38	PAG 02003611038-R	1/7/2016	Compliant
James Stauffer GP 5	40.03	-76.40	GP053616102	1/14/2016	Compliant
Richter Precision	40.09	-76.35	PAG02003616015	11/4/2016	Compliant
CYRACO QBP Site	40.05	-76.37	PAG02003613085	9/14/2016	Compliant
Haydn Manor	40.10	-76.34	PAG02003614024	3/11/2016	Non-Compliant
Haydn Manor	40.10	-76.34	PAG02003614024	3/24/2016	Compliant
Haydn Manor	40.10	-76.34	PAC360039	3/11/2016	Non-Compliant
Haydn Manor	40.10	-76.34	PAC360039	3/24/2016	Compliant
Lime Spring Farm	40.05	-76.37	PAG02003613070	3/7/2016	Non-Compliant
Woodcrest Villa Phases IV - VII	40.07	-76.35	PAG02003604083-R	8/16/2016	Non-Compliant
Woodcrest Villa Phases IV - VII	40.07	-76.35		8/16/2016	Non-Compliant
Stony Battery Road Tract	40.09	-76.42	PAG02003616036	7/27/2016	Compliant
KAI Warehouse Expansion	40.05	-76.38	PAG02003616045	8/31/2016	Compliant

## COMPLAINTS FOR 2016

<u>Date</u>	<u>Owner Name</u>	<u>Owner Address</u>	<u>Case Status</u>
2/17/2016	E G Stoltzfus		Closed
3/11/2016	Spooky Champ Properties		Closed
7/26/2016	Daniel Murphy	100 Acanthus Street, Marietta, PA	Closed
9/15/2016	James Dale Stauffer	365 Weaver Road, Lancaster, PA 17603	Closed
3/3/2016	John Hogan	616 Paxton Place, Suite 100, Lititz, PA 17543	Closed
3/23/2016	UGI	Reading PA	Closed

## **PERMITS TERMINATED IN 2016**

<b><u>Plan Name</u></b>	<b><u>Latitude</u></b>	<b><u>Longitude</u></b>	<b><u>Permit Number</u></b>	<b><u>Termination Date</u></b>
543 Champ Blvd.	40.11	-76.43	PAG02003614084	11/21/2016
Arbors at Spring Valley	40.06	-76.38	PAG 02003611038-R	1/26/2016